

CATALOG 367

63rd Anniversary
1984
CATALOG

Radio Shack®



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Radio Shack®

1984 CATALOG

SIXTY-THREE YEARS
OF BRINGING
HIGH TECHNOLOGY

FROM THE LABORATORY
TO THE LIVING ROOM
AFFORDABLY



Better Living Begins at America's High-Tech Electronics Store

This year we've got more exciting products for you than ever, and the picture shows a sampling. Our new TRS-80 Model 100 Portable Computer has five built-in "instant" programs for a real breakthrough in user friendliness. Our popular ET-320 Cordless Phone now has twice the range and costs you \$20 less than last year. For music lovers, there's our new Realistic STA-2270 Receiver

with amazing Stereo Expander, LAB-2100 Turntable with microprocessor-controlled linear-tracking arm, SCT-42 Deck with auto-reverse and programmable memory, and space-saving T-120 Tower Speakers. All told, you'll find hundreds of new items and over 350 reduced prices for 1984. No wonder millions of Americans regularly shop Radio Shack for the latest in affordable electronics.

NOW 8800 LOCATIONS



IN 80 COUNTRIES

Audio • Video • Computers • Telephones • Autosound • CB • Radios • Phonos • Tape • Security • Clocks



Leading the way in consumer electronics for 63 years. At Radio Shack, electronics is our only business. In our stores, you'll find electronic equipment and accessories of special interest—everything from telephones and computers to antennas and recording tape. Our line of over 2700 products is unsurpassed in quality and selection. Plus, you get straight answers to all your questions from our friendly, informed salespeople. That's why so many people shop with us. Should you ever have a problem with a Radio Shack product, we can send it to the nearest of hundreds of localized repair centers. And there's always a Radio Shack near you wherever you live, work or go in the USA. If you are in a smaller community or rural area, a locally owned store may be a Radio Shack Franchisee or Authorized Dealer for our brands—look for our sign.

Shop Radio Shack
For Everything
In Electronics



TRS-80 Computers



Realistic Stereo



Electronic Parts



Telephone Equipment

For a Comprehensive Look at TRS-80® Computers for Home and Office



Now Over 400 Radio Shack Computer Centers display our entire line of TRS-80 computers and business products. At each location, you'll find an in-depth inventory of state-of-the-art computer models, printers, accessories, a huge library of software, forms, furniture and informative books. Computer Center salespeople offer prompt, personal assistance. Each Center offers classroom training from experienced instructors who make sure you get the most from your investment. Our professional "hands-on" seminars let you use the TRS-80 as you learn. Buy your system outright, or choose a commercial lease for systems over \$1500. If you lease, there's a 30-day evaluation period, and you have the option to purchase your system at a reduced price when the lease expires. On-Site and Carry-In service agreements are available. Customer Service Representatives help you with after-the-sale questions or problems. You receive *complete* technical assistance and support, whether you purchase one system or one hundred. Let's get acquainted! Visit your nearest Computer Center today.



Radio Shack Expanded Computer Departments are located in over 500 specially chosen Radio Shack stores. You'll find the same complete selection of TRS-80 computer products and accessories as in our Computer Centers. Experts can demonstrate the equipment and give you all the details on sales, leasing, training and service.

The Biggest Name in Little Computers®



In-Store Demonstrations



Knowledgeable Salespeople



Service After the Sale



Comprehensive Training

OVER 40 MILLION SATISFIED CUSTOMERS

• Parts • Calculators • Kits • TV • PA • Intercoms • Electronic Games • Toys

Radio Shack's Exclusive Brands Are Name Brands

These are just some of Radio Shack's exclusive brands, all world-famous for innovation, quality and value. We've been bringing you the latest in high-tech electronics since 1921. We build and buy for reliability. Millions trust our brands and you can too. And, our products



are backed by meaningful warranties. Service and original factory parts are available through our stores world-wide. We have 292 company-operated repair and computer service centers in the USA alone. Who else gives you product support like that?

Radio Shack Operates 31 Plants in 6 Countries

The company manufactures about 50% of its products in plants in California, Iowa, New Jersey, Texas, Canada, France, Japan, South Korea and Taiwan. All told, 7,341 men and women work in 2,372,947 square feet of manufacturing, assembling and packaging space. By operating its own



factories, Radio Shack can move a product from the drawing board to the store in optimum time. Radio Shack invests

heavily in product development, constantly updating with new technology. By staying a step ahead in technology, we keep quality high, costs down and customers happy. Self-manufacturing is one reason this catalog lists over 350 items at lower prices than in last year's!

Radio Shack's Continuing Commitment to Education

As the impact of computers on education becomes more apparent, Radio Shack has continued to offer better and more powerful software for school and home. Today, Radio Shack boasts one of the most comprehensive libraries of educational software available anywhere. Through "America's Educational Challenge"



we're helping introduce teachers to the benefits of computers in schools—at our expense. The Radio Shack Education Division is committed to education, constantly updating to meet the needs of educators across the country. Direct inquiries to: **Education Division, 1400 One Tandy Center, Fort Worth, TX 76102.**

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National Account Division. Radio Shack provides for the special needs of corporations and quantity buyers. We'll help solve your company's computer application and communication needs, including employee training. Direct inquiries to: **National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102.**



Tandy Contract Marketing. OEM's/SYSTEM HOUSES become a part of our success story by designing and selling vertical market application packages configured with our computers. Tandy is your single-source supplier. Direct inquiries to: **Tandy Contract Marketing, 1400 One Tandy Center, Fort Worth, TX 76102.**

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These Cards
Also Honored
At Most
Locations

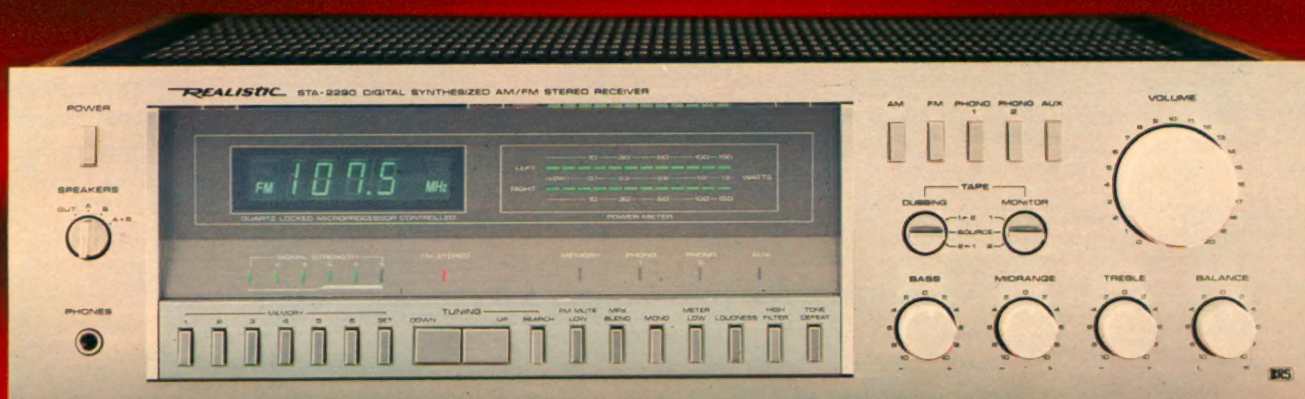


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OUR BEST! DIGITAL-SYNTHESIZED RECEIVER



100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

599⁹⁵

Only \$35 Per Month On CitiLine Credit

- Precision Quartz Crystal Locks Each Station On-Channel
- Memory Stores 12 Stations—6 FM and 6 AM—for Instant Recall
- 5-Segment LED Signal Strength Meter • 24-Segment LED Power Meter
- Human-Engineered Controls for Easy, Reliable Operation

Realistic STA-2290. One of the finest receivers ever offered! You get the latest in microprocessor and audio technology for versatility and sonic purity. You can tune up and down the FM band in 200 kHz steps and the AM band in 10 kHz steps. Or, use the Search mode to automatically scan to the next station. Digital fluorescent display shows exact station frequency. Features separate 21-step bass, treble and midrange controls, large 41-step volume control and LED FM stereo, memory and function indicators. You also get inputs for two moving-magnet cartridges and two tape decks, with full tape monitoring and dubbing capabilities. MPX blend cuts noise on weak FM stereo stations, and tone defeat overrides tone controls for a ruler-flat response. Meter low button expands power meter scale when listen-

ing at low volumes. Also has A/B/A + B speaker switching, pushbuttons for loudness, stereo/mono, hi-filter, FM muting. Fully protected against overheating and overload. U.L. listed.

31-3009 599.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 85 dB phono, 90 dB aux. **Phono Overload:** 230 mV. **FM TUNER:** Sensitivity (IHF): 1.8 μ V (14.1 dBf). **Capture Ratio:** 1.5 dB. S/N: 74 dB. **Selectivity:** 70 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 50 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speakers, headphone, tape 1 and 2 in/out, phono 1 and 2, two AC outlets. **SIZE:** 5 $\frac{5}{8}$ x 19 $\frac{1}{2}$ x 16 $\frac{1}{8}$ ".



Only \$56 Per Month On CitiLine Credit

Save
\$110⁸⁰

SYSTEM
979⁰⁰

Reg.
Separate
Items
1089.80

- Realistic STA-2290 Digital Receiver
- Two Optimus T-120 Tower Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge



Only \$64 Per Month On CitiLine Credit

Save
\$130⁸⁰

SYSTEM
1129⁰⁰

Reg.
Separate
Items
1259.80

- Realistic STA-2290 Digital Receiver
- Two Mach One® Liquid-Cooled Speakers
- LAB-440 Direct-Drive Turntable With \$39.95 Moving-Magnet Cartridge



Only \$90 Per Month On CitiLine Credit

Save
\$180⁷⁰

SYSTEM
1599⁰⁰

Reg.
Separate
Items
1779.70

- Realistic STA-2290 Digital Receiver
- Two Optimus-300 Tower Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-42 Cassette Deck • Stand

DIGITAL SYNTHESIZED—WITH NEW STEREO EXPANDER



65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**NEW
FOR '84**

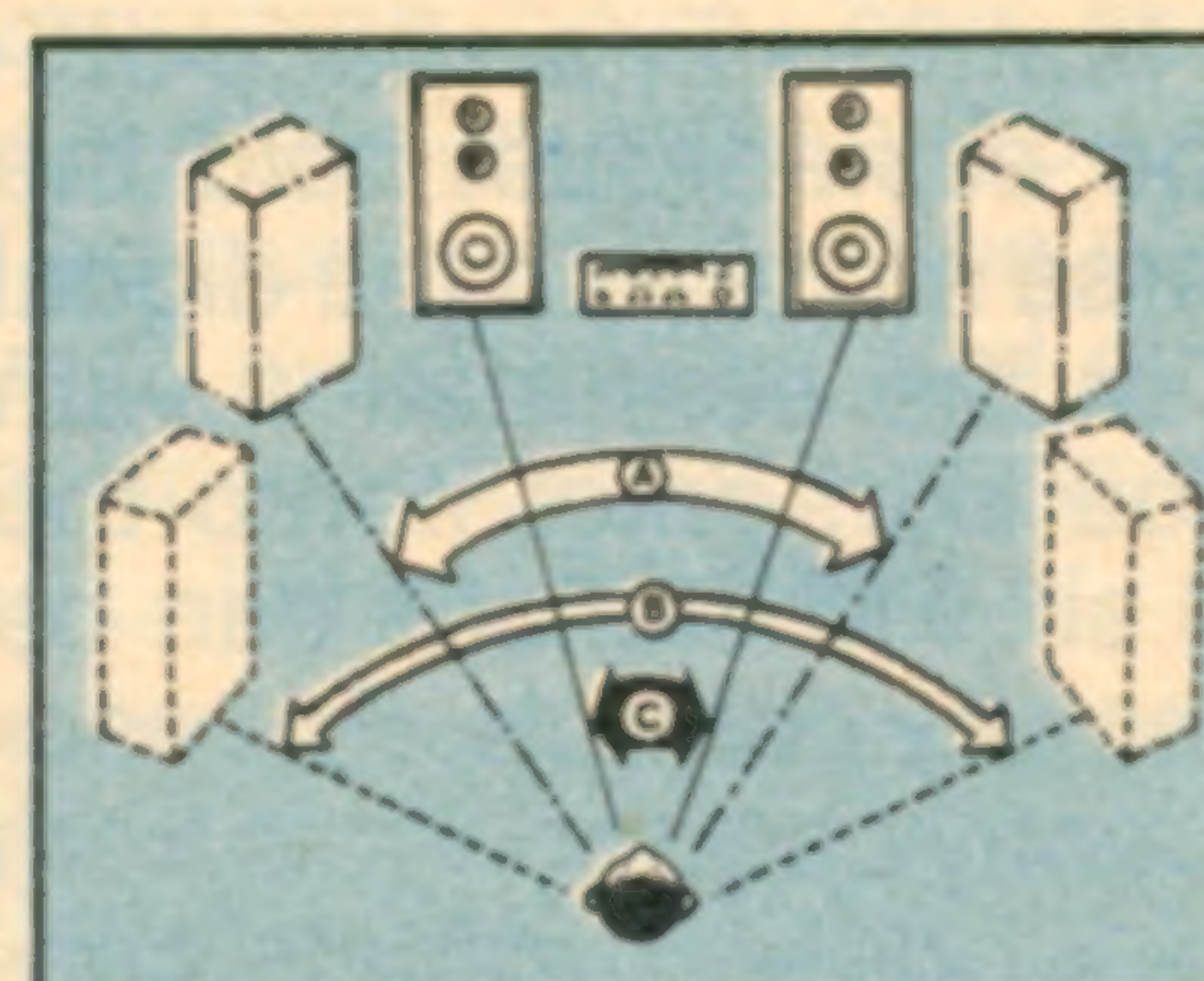
399⁹⁵

Only \$28 Per Month On CitiLine Credit

- Variable Stereo Expander Dramatically Enlarges Stereo Sound Image
- Computerized Memory Stores 6 FM and 6 AM Stations for Instant Recall
- Digital Fluorescent Frequency Display • Precise Quartz-Locked Tuning
- 14-Segment LED Power Level Meter • 5-Segment LED Signal Strength Meter

Realistic STA-2270. A milestone in high-tech hi-fi! Stereo Expander creates an incredibly realistic, "live" sound field normally achieved only by adding more speakers or external signal processors. Scan up or down the bands automatically or manually—the system stops at each station and tunes it in with pin-point accuracy. 30 Hz "cut" button helps eliminate power-robbing subsonic distortion. FM muting circuit eliminates tuning noise between stations. Pushbutton controls for hi-MPX filter, loudness, station search and A/B speaker pairs. Also has 11-step bass, treble and midrange controls. LED Stereo Expander, FM stereo and memory indicators, monitoring and dubbing controls for two tape decks and a lighted power indicator. U.L. listed.

31-3005 **399.95**



Stereo Expander Adds Ambiance

- A Expander at minimum level
- B Expander at maximum level
- C Normal stereo image

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 85 dB phono, 100 dB aux. **Phono Overload:** 165 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.25 dB. S/N: 75 dB. **Selectivity:** 75 dB. **Image Rejection:** 78 dB. **Stereo Harmonic Distortion:** 0.08%. **Separation (at 1 kHz):** 53 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speakers, headphone, aux, tape 1 and 2 in/out, AC convenience outlet. **SIZE:** 4³/₄ x 18³/₄ x 11³/₄".



Only \$44 Per Month On CitiLine Credit

Save \$90⁸⁰ **SYSTEM 759⁰⁰** **Reg. Separate Items 849.80**

- Realistic STA-2270 Digital Receiver
- Two Optimus-50 3-Way Speakers
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge



Only \$49 Per Month On CitiLine Credit

Save \$100⁸⁰ **SYSTEM 839⁰⁰** **Reg. Separate Items 939.80**

- Realistic STA-2270 Digital Receiver
- Two Optimus T-120 Tower Speakers
- LAB-440 Direct-Drive Turntable, \$39.95 Moving-Magnet Cartridge



Only \$78 Per Month On CitiLine Credit

Save \$140⁷⁰ **SYSTEM 1379⁰⁰** **Reg. Separate Items 1519.70**

- Realistic STA-2270 Digital Receiver
- Two Mach One Liquid-Cooled Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-28 Dual Cassette Deck • Stand

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy

LOW-PROFILE, DIGITAL-SYNTHESIZED RECEIVER

Features 12-Station Programmable Memory With One-Touch Recall



35 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**NEW
FOR '84**

339⁹⁵

Only \$28 Per Month On CitiLine Credit

- Digital Fluorescent Display Shows Precise AM or FM Frequency
- Feather-Touch Controls Tune Up and Down the Bands Automatically
- 30 Hz "Cut" Pushbutton Reduces Power-Robbing Subsonic Distortion
- 5-Segment LED Signal Strength Meter • 10-Segment LED Power Meter

Realistic STA-112. Today's most advanced features in a space-efficient size—only 3" high! Tuning couldn't be easier! Just hold the touch-search tuning control in forward or reverse mode and the digital circuit tunes up or down the band, locking in the next station with quartz accuracy. When you find a station you like, enter it into the microprocessor memory—up to six AM and six FM stations can be stored and recalled with the feather-touch memory controls. For user convenience, we've separated the most frequently used controls from the others. The tuning and memory controls, 41-detent volume control, LED function selector and tape monitor are located on the front panel for easy access. A protective smoked-gray window swings down to reveal a complete set of amplifier controls. Hi-MPX filter cleans up weak stereo signals, and FM muting blanks interstation tuning noise. Loudness boosts low frequencies for full-range sound at low volume.

You also get A/B speaker pair and stereo/mono pushbuttons, separate 11-detent bass and treble controls, and an LED FM stereo indicator. Front-panel edge-lit power button. Built-in protection against memory loss, overheating and speaker overload. U.L. listed.

31-2004 339.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 85 dB phono, 97 dB aux. Phono Overload: 175 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). Capture Ratio: 1.0 dB. S/N: 75 dB. Selectivity: 75 dB. Image Rejection: 75 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 55 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, magnetic phono, aux, tape in/out, A and B speakers, headphone, AC convenience outlet. **SIZE:** 3 x 17 $\frac{3}{4}$ x 11 $\frac{3}{4}$ ".



Only \$32 Per Month On CitiLine Credit

Save
\$60⁸⁰ 539⁰⁰
SYSTEM Reg. Separate Items 599.80

- Realistic STA-112 Digital Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$38 Per Month On CitiLine Credit

Save
\$80⁸⁰ 649⁰⁰
SYSTEM Reg. Separate Items 729.80

- Realistic STA-112 Digital Receiver
- Two Optimus-40 2-Way Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge



Only \$52 Per Month On CitiLine Credit

Save
\$100⁷⁵ 899⁰⁰
SYSTEM Reg. Separate Items 999.75

- Realistic STA-112 Digital Receiver
- Two Optimus-50 3-Way Speakers
- LAB-1500 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-40 Stereo Cassette Deck

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy

DIGITAL FREQUENCY DISPLAY STEREO RECEIVER

Auto-Magic® Fine-Tuning Locks in FM Stations for Cleanest Reception



27 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

279⁹⁵

Only \$26 Per Month On CitiLine Credit

- 5-Segment LED AM/FM Signal Strength Indicator
- 30 Hz "Cut" Pushbutton Limits Distortion, Conserves Power
- LED FM Stereo and Perfect-Tuning Indicators
- Slim-Line Styling With "Champagne-Silver" Cabinet

Realistic STA-730. Specially engineered for clean sound and ease of operation. No more mechanical tuning dial or pointer—we've replaced them with an all-electronic system that gives you an easy-to-read fluorescent readout that shows the exact station frequency. The readout also has fluorescent MHz, kHz, FM and AM displays. The 30 Hz "cut" pushbutton eliminates turntable rumble, helps protect speakers and reduces over-boosted bass. Other luxury touches include six "thin-line" pushbuttons—stereo/mono gives you improved reception of weak FM stations, and loudness boosts high and low frequencies for full-range sound at low listening levels. Ten-step bass and treble controls, separate volume and balance controls. Function selector buttons for tape monitor, phono, aux, AM and FM. Phase-locked loop FM multiplex provides excellent stereo separation and high stability. Phono preamp IC reduces noise and distortion to the

vanishing point, and assures precise RIAA equalization. Auxiliary input lets you add a tape deck or audio from a VCR or video disc player. Two built-in protection circuits safeguard your amplifier and speakers from overheating and overloading. It all adds up to great sound and performance for surprisingly little cost—come in and hear it in action! U.L. listed. 31-2003 279.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 81 dB phono, 92 dB aux. Phono Overload: 140 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). Capture Ratio: 1.0 dB. S/N: 73 dB. Selectivity: 55 dB. Image Rejection: 55 dB. Stereo Harmonic Distortion: 0.3%. Separation (at 1 kHz): 45 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, magnetic phono, aux, tape in/out jacks, A and B speakers, headphone jack, AC outlet. **SIZE:** 3³/₄ x 16¹/₂ x 12¹/₄".



Only \$29 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$5080 429⁰⁰ Items
 479.80

- Realistic STA-730 Stereo Receiver
- Two Minimus-7 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$6080 499⁰⁰ Items
 559.80

- Realistic STA-730 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$39 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$8075 689⁰⁰ Items
 769.75

- Realistic STA-730 Stereo Receiver
- Two Optimus-30 2-Way Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge
- SCT-41 Stereo Cassette Deck

CASSETTE/RECEIVER WITH DIGITAL AM/FM DISPLAY



20 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.1% TOTAL HARMONIC DISTORTION

379⁹⁵

Only \$28 Per Month On CitiLine Credit

- Digital Fluorescent Display Shows Exact AM or FM Frequency
- Dual 5-Segment LED Audio Meters Monitor Record and Playback Level
- Dolby* B Noise Reduction Cuts Tape Hiss and Improves High Frequencies
- Exclusive Auto-Magic® FM Fine-Tuning System Locks In Stations

Realistic SCR-3000. Now you can have a high-fidelity AM/FM stereo receiver and cassette record/play deck in a single space-efficient enclosure—without sacrificing the features you'd expect with separate components. Receiver has boost-and-cut bass and treble controls, volume knob with concentric balance control, loudness, automatic stereo/mono FM switching, pushbutton AM, FM, tape, phono and aux function selectors. Cassette deck features soft-touch tape transport controls, pushbutton selectors for metal, CrO₂ and normal tape formulations, separate record-level controls, tape counter, two microphone jacks and Auto-Stop. You can record off-the-air, from external sources, or "live" with optional microphones. LED indicators for FM stereo, Dolby NR, record, tape, phono and aux. The perfect choice for your main listening area, bedroom, rec room or den.

The SCR-3000 puts it all together—at a lower price than you'd expect to pay for separates with the same features! U.L. listed.

31-1996 379.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 83 dB phono, 85 dB aux. **Phono Overload:** 105 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 72 dB. **Selectivity:** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Separation (at 1 kHz):** 45 dB. **CASSETTE:** Response \pm 3 dB: 30-19,000 Hz (metal), 30-16,000 Hz (CrO₂), 30-14,000 Hz (normal). **Wow and Flutter:** Less than 0.07% WRMS. S/N: 60 dB (Dolby "on", CCIR weighted). **SIZE:** 4⁹/₁₆ x 17³/₁₆ x 11". *TM Dolby Laboratories Licensing Corp.



Save \$60⁸⁵

Reg. Separate Items 539.85

SYSTEM 479⁰⁰

Only \$30 Per Month On CitiLine Credit

- Realistic SCR-3000 AM/FM Stereo Cassette Receiver
- Two Minimus®-12 Die-Cast Metal Speaker Systems With 5" Polypropylene Woofer and 2" Cone Tweeter



Save \$70⁸⁰

Reg. Separate Items 699.80

SYSTEM 629⁰⁰

Only \$36 Per Month On CitiLine Credit

- Realistic SCR-3000 AM/FM Stereo Cassette/Receiver
- Two Minimus®-12 Die-Cast Metal Speaker Systems
- LAB-1500 Linear Tracking Logic-Controlled Belt-Drive Automatic Turntable With Dual-Magnet Cartridge

LOW-COST, COMPACT STEREO CASSETTE/RECEIVER



7 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

Available Oct. 30, 1983

**NEW
FOR '84**

199⁹⁵

- Dolby B NR Reduces Tape Hiss and Increases Dynamic Range
- 5-Segment LED Audio Level Meters for Right and Left Channels
- Tape Selector for Recording With Metal, CrO₂ or Normal Cassettes

Realistic SCR-2500. What a combination—two of the most-wanted stereo components at a price that's less than you might pay for a receiver or cassette deck alone. Perfect for a small apartment, dorm or den—anywhere you want true *hi-fi* stereo in a limited space. Receiver has separate bass, treble and balance controls, LED FM stereo and perfect-tuning indicators, pushbutton selectors for AM, FM, FM stereo, tape, phono and aux. Loudness boosts high and low frequencies for deep, full-range sound at low volume. Record high-quality cassettes from the tuner, phono, another tape deck or "live" using the mike jacks. You get soft-touch function controls, LED record and Dolby indicators, separate record level controls, digital tape counter and Auto-Stop. Twin protection circuits automatically safeguard

against overheating and speaker overload. Come in today and get the best of both worlds at one down-to-earth price! U.L. listed.

31-1995 199.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 80 dB phono, 85 dB aux. **Phono Overload:** 110 mV. **FM TUNER:** Sensitivity (IHF): 2.0 μ V (11.2 dBf). **Capture Ratio:** 1.5 dB. S/N: 70 dB. **Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 0.9%. **Separation (at 1 kHz):** 35 dB. **CASSETTE:** Response \pm 3 dB: 60-12,000 Hz (metal), 60-10,000 Hz (CrO₂), 60-10,000 Hz (normal). **Wow and Flutter:** Less than 0.09% WRMS. S/N: 52 dB (Dolby "on", CCIR weighted). **SIZE:** 4⁵/₈ x 17 x 8⁷/₈".



**Save
\$30⁸⁵**

Reg. Separate
Items 299.85

**SYSTEM
269⁰⁰**

Only \$26
Per Month On
CitiLine Credit

- Realistic SCR-2500 AM/FM Stereo Cassette/Receiver With Dolby B-Type NR and Soft-Touch Controls
- Two Minimus-7 Silver Die-Cast Speaker Systems



**Save
\$40⁸⁰**

Reg. Separate
Items 399.80

**SYSTEM
359⁰⁰**

Only \$28
Per Month On
CitiLine Credit

- Realistic SCR-2500 AM/FM Stereo Cassette/Receiver
- Two Minimus-7 Silver Die-Cast Speaker Systems
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge and Dust Cover

HIGH-POWER RECEIVER WITH NEW STEREO EXPANDER



65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

**NEW
FOR '84**

359⁹⁵

Only \$28 Per Month On CitiLine Credit

- Expander Circuit Enhances Stereo Image for a "Live" Sound Quality
- 30 Hz "Cut" Pushbutton Limits Subsonic Distortion and Conserves Power
- Exclusive Auto-Magic® Locks-In FM Stations for Cleanest Reception
- 11-Segment LED Power Output Meter • 5-Segment LED Signal Strength Meter

Realistic STA-860. Plenty of power, advanced features and high performance make this the perfect "heart" of your home music system. Stereo Expander creates an incredibly realistic, "ambient" sound field normally achieved only by adding a signal processor or more speakers. It's an exciting new way of listening to music! Variable Expander control lets you adjust the stereo image to your personal taste. Tuner features FET-FM circuitry for superb sensitivity with exceptionally low noise and distortion. Special noise-cancelling circuitry assures silent switching between functions, and FM muting eliminates interstation hiss when tuning. Loudness button boosts low frequencies when listening at low volume. Pushbuttons for tape monitor, stereo/mono, high-filter, A and B speaker pairs. Lighted slide-rule dial,

large flywheel control and LED FM stereo indicator combine for easy tuning. Separate bass, treble, balance and volume controls. Twin protection circuits guard against overheating and overloading. U.L. listed. **31-2097** **359.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 83 dB phono, 86 dB aux. **Phono Overload:** 175 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.0 dB. S/N: 78 dB. **Selectivity:** 65 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.15%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, phono, aux, tape in/out, A/B speaker pairs, headphone. **SIZE:** 43/8 x 18 1/2 x 10 3/4".



Only \$36 Per Month On CitiLine Credit

Save SYSTEM Reg.
\$70⁸⁰ **619⁰⁰** Separate
Items
589.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-30 2-Way Speakers
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge



Only \$41 Per Month On CitiLine Credit

Save SYSTEM Reg.
\$80⁸⁰ **719⁰⁰** Separate
Items
799.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-40 Speaker Systems
- LAB-440 Direct-Drive Turntable, \$39.95 Moving-Magnet Cartridge



Only \$47 Per Month On CitiLine Credit

Save SYSTEM Reg.
\$90⁸⁰ **809⁰⁰** Separate
Items
899.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-50 3-Way Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge

RECEIVER WITH 7-BAND FREQUENCY EQUALIZER



45 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

359⁹⁵

Only \$28 Per Month On CitiLine Credit

- 21-Segment LED Power Level Meter Displays Output to Speakers
- EQ Bypass Button for Instant Comparison to Flat Response
- 30 Hz "Cut" Pushbutton Reduces Rumble and Low-Frequency Hum
- 5-Segment LED AM/FM Signal Strength Indicator Aids in Tuning

Realistic STA-790. An exceptional receiver with the power and operational flexibility to control a very sophisticated system. With its built-in stereo graphic frequency equalizer, you can customize the sound to match the acoustics of your listening room—ordinary tone controls just can't compare! Seven slide-action controls boost or cut frequency response up to 12 dB at 50 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz and 15 kHz. Exclusive Auto-Magic fine-tunes and locks-in FM stations automatically. High-filter reduces hiss and record scratch. Loudness provides full bass response even at low volume levels, and FM muting cuts tuning noise between stations. You also get a 40-step volume knob with concentric center-detent balance control, pushbuttons for mono/stereo, tape monitor and A/B speaker pairs. Green LED indi-

cates when FM stations are properly tuned, and a red LED lights when you're tuned to FM stereo. Twin protection circuits automatically protect the amplifier from speaker overload and overheating. U.L. listed. **31-2067** **359.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 86 dB phono, 92 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 72 dB. **Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and FM antennas, A/B speaker pairs, headphone, phono, aux, phono and DIN-type tape in/out. **SIZE:** 4³/₈ x 18¹/₈ x 10¹/₂".



Only \$33 Per Month On CitiLine Credit

Save **\$60⁸⁰** **SYSTEM** **559⁰⁰** **Reg. Separate Items** **619.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Nova-4 2-Way Speaker Systems
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$35 Per Month On CitiLine Credit

Save **\$70⁸⁰** **SYSTEM** **609⁰⁰** **Reg. Separate Items** **679.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Optimus-30 2-Way Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$41 Per Month On CitiLine Credit

Save **\$80⁸⁰** **SYSTEM** **699⁰⁰** **Reg. Separate Items** **779.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Optimus-40 Speaker Systems
- LAB-1500 Linear Tracking Turntable With Dual-Magnet Cartridge

REALISTIC® STEREO RECEIVERS ARE YOUR BEST BUY



40 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

Realistic STA-740. The power you need at a sensible price! Loudness gives you deep bass at low volume, and the hi-filter reduces hiss and record scratch. FM mute eliminates noise between stations. Separate 39-step bass and treble controls. Pushbuttons for mono/stereo, tape monitor, A/B speaker-pair switching. U.L. listed. **31-2039** **299.95**

Value-Priced Receiver With Dual Power Meters

Only \$27
Per Month
On CitiLine Credit

299⁹⁵

- Fast-Attack 21-Segment LED Audio Power Level Meter
- LED Signal Strength, FM Stereo and Tuning Indicators
- Auto-Magic® FM Fine-Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 85 dB phono, 90 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). Capture Ratio: 1.5 dB. S/N: 72 dB. Selectivity: 53 dB. Image Rejection: 60 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 48 dB. **SIZE:** 5 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 12".



24 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

Realistic STA-115. An outstanding buy, offering sound you can appreciate today and the features you need to expand your system in the future. You get ample power to drive almost any speaker system—even two sets of speakers. Exclusive Auto-Magic locks-in FM stations automatically for best reception. Also has LED tuning and FM stereo indicators, 11-step bass, treble and volume controls, wide lighted tuning dial. Pushbuttons for bass-enhancing loudness, high-filter, stereo/mono, tape monitor and A/B speaker pairs. Aux input lets you add a second tape deck, or VCR or video disc sound. U.L. listed. **31-2098** **219.95**

Full-Feature Receiver With Room to Grow

NEW FOR '84

219⁹⁵

Available Sept. 30, 1983

- 30 Hz "Cut" Pushbutton Cuts Distortion, Conserves Power
- 5-Level LED Signal Strength Meter For Easy Tuning
- Exclusive Auto-Magic on FM

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 85 dB phono, 88 dB aux. **Phono Overload:** 120 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). Capture Ratio: 1.2 dB. S/N: 74 dB. Selectivity: 60 dB. Image Rejection: 65 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 45 dB. **SIZE:** 4 x 16 $\frac{1}{2}$ x 8 $\frac{3}{4}$ ".



16 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Realistic STA-204. An inexpensive way to move up to component hi-fi! Tuner features extra-high sensitivity combined with exceptionally low noise. Separate 11-step bass and treble controls, LED FM stereo indicator. Pushbuttons for loudness, high-filter, tape monitor, stereo/mono, A/B speaker pairs. U.L. listed. **31-2099** **199.95**

Versatile Receiver At a Popular Price

199⁹⁵

- Exclusive Auto-Magic Tuning
- 10-Segment LED AM/FM Signal Strength Meter Aids Tuning
- FM Muting Circuit Eliminates Interstation Tuning Noise

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 89 dB phono, 72 dB aux. **Phono Overload:** 90 mV. **FM TUNER:** Sensitivity (IHF): 2.8 μ V (14.1 dBf). Capture Ratio: 3.0 dB. S/N: 65 dB. Selectivity: 45 dB. Image Rejection: 50 dB. Stereo Harmonic Distortion: 0.6%. Separation (at 1 kHz): 34 dB. **SIZE:** 5 $\frac{1}{16}$ x 5 $\frac{3}{4}$ x 12".

REALISTIC SYSTEMS OFFER YEARS OF ENJOYMENT



Only \$30 Per Month On CitiLine Credit

SYSTEM

Save \$50⁸⁰ Reg. Separate Items 519.80 **469⁰⁰**

- Realistic STA-740 Stereo Receiver
- Two MC-1201 2-Way Speaker Systems
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge



Only \$31 Per Month On CitiLine Credit

SYSTEM

Save \$60⁸⁰ Reg. Separate Items 579.80 **519⁰⁰**

- Realistic STA-740 Stereo Receiver
- Two Nova-4 2-Way Speaker Systems
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge



Only \$35 Per Month On CitiLine Credit

SYSTEM

Save \$70⁸⁰ Reg. Separate Items 659.80 **589⁰⁰**

- Realistic STA-740 Stereo Receiver
- Two Optimus-30 Bass Reflex Speakers
- LAB-1500 Linear Tracking Automatic Turntable With Dual-Magnet Cartridge



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$40⁸⁰ Reg. Separate Items 379.80 **339⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two Minimus-7 Die-Cast Speakers
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$44⁸⁰ Reg. Separate Items 439.80 **395⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two MC-1201 2-Way Speaker Systems
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month On CitiLine Credit

SYSTEM

Save \$50⁸⁰ Reg. Separate Items 499.80 **449⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$40⁸⁰ Reg. Separate Items 379.80 **339⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two MC-600 Walnut Veneer Speakers
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge



Only \$31 Per Month On CitiLine Credit

SYSTEM

Save \$60⁷⁵ Reg. Separate Items 579.75 **519⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge
- Realistic SCT-24A Cassette Deck



Only \$35 Per Month On CitiLine Credit

SYSTEM

Save \$110⁷⁰ Reg. Separate Items 709.70 **599⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two Nova-500 3-Way Speaker Systems
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge
- SCT-24A Cassette Deck • Audio Rack

BUDGET STEREO RECEIVERS FOR STARTER SYSTEMS



12 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

Realistic STA-700. Only 3" high, yet packed with deluxe features usually found only in bigger, more expensive receivers. Exclusive Auto-Magic locks-in FM stations automatically for clearest reception. Separate 11-step bass and treble controls, center-detent balance control. System EQ and FM stereo LED indicators. Pushbuttons for loudness, tape monitor, mono/stereo and A/B speaker pairs. Special EQ switch matches the impedance and frequency characteristics of our Minimus-series speakers for full dynamic range and sound reproduction. Jet-black metal enclosure. U.L. listed. **31-1969** **179.95**

Low-Profile, High-Tech
Receiver for Small Spaces

179⁹⁵

- EQ Switch for Enhanced Bass From Mini Speaker Systems
- Auto-Magic® FM Fine-Tuning
- 5-LED Signal Strength Meter

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB
S/N: 82 dB phono, 90 dB aux. **Phono Overload:**
140 mV. **FM TUNER: Sensitivity (IHF):** 2.8 μ V
(14.17 dBf). **Capture Ratio:** 2.0 dB. S/N: 65 dB
Selectivity: 45 dB. **Image Rejection:** 55 dB.
Stereo Harmonic Distortion: 0.6%. **Separation**
(at 1 kHz): 40 dB. **SIZE:** 3 x 16 1/2 x 8 1/2"



14 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

Realistic STA-450. The craftsmanship, performance and looks you expect from Realistic at a remarkable price! It's a great start if you're putting together your first system. Exclusive Auto-Magic locks-in FM stations, and the phase-locked loop IC assures wide stereo channel separation. Features A/B/Both speaker switching, separate bass, treble and balance controls, a loudness pushbutton for deep bass even at low volume, LED FM stereo indicator, stereo/mono switch. Walnut-grained vinyl veneer finish. U.L. listed. **31-2094** **159.95**

Affordable Receiver With
Auto-Magic Fine-Tuning

**NEW
FOR '84**

159⁹⁵

Available Oct. 31, 1983

- Clean, Attractive Styling
- Brushed Aluminum Front Panel
- 5-LED Signal Strength Meter
- Tape Monitor Circuitry
- Edge-Lit Power-On Button

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB.
S/N: 81 dB phono, 85 dB aux. **Phono Overload:**
120 mV. **FM TUNER: Sensitivity (IHF):** 2.7 μ V
(13.7 dBf). **Capture Ratio:** 2.0 dB. S/N: 78 dB
Selectivity: 60 dB. **Image Rejection:** 50 dB.
Stereo Harmonic Distortion: 0.3%.
Separation (at 1 kHz): 34 dB. **SIZE:**
5 11/16 x 16 7/16 x 7 7/8"



5 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.9% TOTAL HARMONIC DISTORTION

Realistic STA-12. Don't be fooled by its small size—it's a solid performer that delivers superb stereo sound! Use the STA-12 to power a small system in dorm or office, or a second system in your den or shop—it's even at home on a desktop. Easy-to-read tuning dial with LED frequency pointer, pushbuttons for EQ and power, separate balance and volume controls, stereo headphone jack, function switch for FM mono, FM stereo, AM, phono and tape. Unique "BTL" switch boosts output power to 10 watts in mono mode for use as a space-efficient background system. U.L. listed. **31-1965** **119.95**

Personal-Size Receiver
Fits Almost Anywhere

119⁹⁵

- Auto-Magic Fine-Tunes FM Stations Automatically
- FM-Stereo and Tuning LEDs
- Loudness Button for Deep Bass Response at Low Volume

Specifications

AMPLIFIER. Response: 40-20,000 Hz ± 1 dB.
S/N: 70 dB phono, 72 dB aux. **FM TUNER: Sensitivity (IHF):** 7.0 μ V (22.3 dBf). **Capture Ratio:** 3.0 dB. S/N: 60 dB. **Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 1.0%. **Separation (at 1 kHz):** 35 dB. **SIZE:**
2 5/8 x 10 3/8 x 6 3/4"

SAVE BIG ON SPACE-SAVING REALISTIC SYSTEMS



Only \$26 Per Month on CitiLine Credit

SYSTEM

Save \$30⁸⁵

Reg. Separate
Items 279.85

249⁰⁰

- Realistic STA-700 Low-Profile High-Tech AM/FM Stereo Receiver
- Two Minimus-7 Speaker Systems With Die-Cast Metal Enclosures



Only \$28 Per Month on CitiLine Credit

SYSTEM

Save \$40⁸⁰

Reg. Separate
Items 399.80

359⁰⁰

- Realistic STA-700 AM/FM Stereo Receiver
- Two Minimus-7 Die-Cast Metal Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month on CitiLine Credit

SYSTEM

Save \$50⁷⁵

Reg. Separate
Items 499.75

449⁰⁰

- Realistic STA-700 AM/FM Stereo Receiver
- Two Minimus-7W Walnut Veneer Speakers
- LAB-290 Belt-Drive Turntable With \$29.95 Moving-Magnet Cartridge
- SCP-5 Auto-Reverse Cassette Player



Only \$25 Per Month on CitiLine Credit

SYSTEM

Save \$24⁸⁰

Reg. Separate
Items 263.80

239⁰⁰

- Realistic STA-450 AM/FM Stereo Receiver
- Two Minimus-17 "Cube" Speaker Systems
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover



Only \$27 Per Month on CitiLine Credit

SYSTEM

Save \$40⁸⁰

Reg. Separate
Items 339.80

299⁰⁰

- Realistic STA-450 AM/FM Stereo Receiver
- Two MC-600 Speaker Systems
- LAB-75 Belt-Drive Changer With \$12.95 Magnetic Cartridge



Only \$29 Per Month on CitiLine Credit

SYSTEM

Save \$50⁷⁵

Reg. Separate
Items 479.75

429⁰⁰

- Realistic STA-450 AM/FM Stereo Receiver
- Two MC-1201 Speaker Systems
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge
- SCT-25 Record/Play Cassette Deck



Save \$14⁹⁰

Reg. Separate
Items 139.90

SYSTEM

125⁰⁰

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Minimus-3.5 Shelf Speaker System With Full-Range 3" Driver



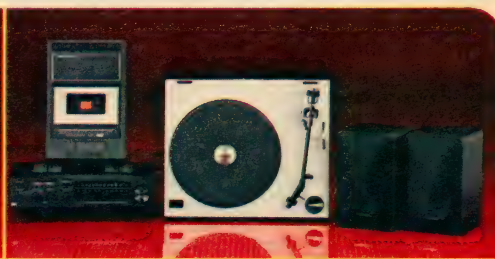
Save \$20⁸⁰

Reg. Separate
Items 229.80

SYSTEM

209⁰⁰

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Two Minimus-3.5 Speaker Systems
- LAB-59 Record Changer With Ceramic Cartridge and Diamond Stylus



Only \$27 Per Month on CitiLine Credit

SYSTEM

Save \$34⁷⁵

Reg. Separate
Items 329.75

295⁰⁰

- Realistic STA-12 AM/FM Stereo Receiver
- Two Minimus-7 Speaker Systems With Die-Cast Metal Enclosures
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover
- SCP-3 Stereo Cassette Tape Player

DYNAMIC DUO! MATCHING TUNER AND AMPLIFIER



30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Realistic ST-500/SA-500. What a pair! This stereo amplifier and tuner share great styling and a wealth of exclusive features not found in ordinary receivers. Plug in a pair of mikes to add your voice to music, or amplify a guitar—you can even use it as a public-address system. Slide-action controls for bass, treble, mike-level and echo, special "fading green lamp" indicator for Auto-Fade, large volume knob, center-detent balance control, two $\frac{1}{4}$ " mike inputs and a $\frac{1}{4}$ " headphone jack. Pushbuttons for phono, tuner, tape, aux and power. Tuner features edge-lit slide-rule dial, LED FM stereo indicator and mono/stereo button. Pushbutton FM muting circuit eliminates interstation tuning noise. Fully protected from overheating and current overload. Come in soon and give this pair a listen! U.L. listed. **31-3011** **299.95**

Realistic SCT-500A Stereo Cassette Deck. Logic-controlled solenoid operation with built-in Dolby® B-C NR. Matches components above. Full details on page 34. U.L. listed. **14-621** **219.95**

Exciting Slim-Line Styling and Unique Studio-Type Features

BOTH FOR ONLY

299⁹⁵

Only \$27 Per Month On CitiLine Credit

- Voice-Over/Accompaniment Feature Lets You Join in the Music
- Exciting Microphone Echo Function With Variable Intensity Control
- Auto Fade In/Out Eliminates "Pops" When Switching Amp Functions
- Dual 6-Segment LED Power Meters
- 5-Segment LED Signal Strength Meter for Easy FM and AM Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 78 dB phono, 92 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 2.5 μ V (13.2 dB). **Capture Ratio:** 2.0 dB. S/N: 70 dB. **Selectivity:** 50 dB. **Image Rejection:** 44 dB. **Stereo Harmonic Distortion:** 0.6%. **Separation (at 1 kHz):** 36 dB. **EXTERNAL CONNECTIONS:** AM and 300-ohm FM antennas, mag. phono, aux, tape in/out, mixed output, speaker pair, one switched and one unswitched AC outlet, phono ground, antenna ground. **SIZE:** 5 $\frac{1}{16}$ x 5 $\frac{3}{4}$ x 12". *TM Dolby Laboratories Licensing Corp.



Only \$30 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$6080 45900 Items
\$19.80

- ST-500/SA-500 Tuner/Amplifier
- Two Minimus®-7W Speaker Systems
- LAB-290 Turntable With \$19.95 Moving-Magnet Cartridge



Only \$44 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$10075 75900 Items
\$59.75

- ST-500/SA-500 Tuner/Amplifier
- Two Minimus-50 High-Efficiency Acoustically-Aligned Speakers
- LAB-1500 Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-500A Stereo Cassette Deck



Only \$49 Per Month On CitiLine Credit
Save SYSTEM Reg. Separate
\$13070 85900 Items
\$99.70

- ST-500/SA-500 Tuner/Amplifier
- Two Nova®-500 Speaker Systems
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge
- SCT-500A Stereo Cassette Deck
- Stand With Glass Top and Doors

BUDGET-PRICED MINI-COMPONENTS SAVE SPACE

AM/FM Stereo Tuner and Matching Amplifier



59⁹⁵
Each

- Perfect First System for Music Lovers
- Use Them Together or With Other Components
- Attractive Brushed Aluminum Front Panels

Realistic TM-102 AM/FM Tuner. Even at this low price, you get phase-locked loop circuitry for superb stereo, a ceramic filter to sharpen FM reception and a lighted dial. AM antenna, terminals for external FM antenna. 3 1/2 x 9 1/4 x 7". U.L. listed. 31-1964 **59.95**

Realistic SA-102 Stereo Amplifier. Use with a tuner, tape deck, or phono. Mono/stereo button, headphone and tape-out jacks. 3 1/4 x 9 1/4 x 7". U.L. listed. 31-1963 .. **59.95**



Stereo Micro Amplifier

29⁹⁵

Inputs for
Ceramic Phono,
Tuner or Tape Deck

Realistic SA-10. Good sound at a bargain price. Stereo/mono button, separate right and left channel volume controls, tone control. 3 1/4 x 7 7/8 x 5 1/2". U.L. listed. 31-1982 **29.95**



Save \$147⁵ SYSTEM **149⁰⁰**

Reg.
Separate
Items
163.75

- Realistic TM-102 Mini-Tuner
- Realistic SA-10 Micro-Amplifier
- Two Minimus-0.3 Cube Speakers In Genuine Oiled Walnut Veneer
- Realistic SCP-3 Compact Stereo Cassette Player With Auto-Stop

Audio Component Stands



Components
not
included

**NEW
FOR 84**

69⁹⁵

139⁹⁵

Heavy-duty casters, walnut vinyl veneer.

A Budget. Custom-fit for STA-204 receiver system. Adjustable extra shelf for tapes or another component. 39 3/4 x 16 7/8 x 14 1/2". 42-3027 **69.95**

B Deluxe. Tempered glass top and doors. Three shelves and LP storage area. 42 x 22 3/4 x 19". 42-3024 **139.95**

2-YEAR LIMITED WARRANTY

Realistic STA-Series Receivers are warranted against defects for two years from date of purchase. Within this period, we will repair it without charge for parts or labor. Simply bring your sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Save \$207⁵

SYSTEM **199⁰⁰**

Reg.
Separate
Items
223.75

- Realistic SA-102 Mini-Amplifier
- Realistic TM-102 Mini-Tuner
- Two Minimus-17 Full-Range 5" Genuine Walnut Veneer Speakers
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover

OPTIMUS® SPEAKERS FOR OPTIMUM ENJOYMENT

High-Efficiency 3-Way Tower Speaker System in Genuine Walnut Veneer

**NEW
FOR '84**



179⁹⁵
Each

Available
Sept. 30, 1983

- 10" Long-Throw Woofer
- 5" Midrange Driver
- 1" Liquid-Cooled Tweeter

Realistic Optimus T-120. A remarkable combination of great looks and great sound! Vertical design saves floor space, too. Sealed, acoustic-suspension enclosure helps produce deep, accurate bass. Dome tweeter is ferrofluid cooled to increase power handling capability, and pours out clean, crisp highs. Removable cloth grille allows access to variable level controls for midrange and tweeter—use them to adjust sound to suit your tastes or listening room acoustics. Hand-oiled walnut veneer and rounded corners make it a real eye-catcher. 40-2047 **179.95**

SPECIFICATIONS. Response: 50-20,000 Hz. Power Handling Capacity: 80 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 35 1/2 x 12 1/2 x 11 1/2".

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with equipment delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal music source material.

3-Way System With Open-Back Midrange and Tuned Port

**NEW
FOR '84**



159⁹⁵
Each

- 12" High-Compliance Woofer • 4" Midrange
- 2 1/2" Liquid-Cooled Tweeter • Walnut Veneer

Realistic Optimus-50. This exciting high-performance system features a front and rear projecting midrange speaker. Reflected sound radiates back into the listening area for a broad, spacious quality that dramatically enhances the stereo effect. A tuned port extends bass response, tweeter adds crystal-clear highs. Midrange and treble controls. 40-2041 **159.95**

SPECIFICATIONS. Response: 50-20,000 Hz. Power Handling Capacity: 75 watts. System Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 25 x 14 x 10"

5-Year Limited Warranty

Realistic MC Series, Nova, Minimus, Optimus and Mach One speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

RADIO SHACK—A WORLD LEADER IN SPEAKER SALES

Mach One® Liquid-Cooled 3-Way Speaker System Delivers Bass You Can Feel!



239⁹⁵
Each Only \$25 Per Month
 On CitiLine Credit

Realistic Mach One "Liquid Cooled": One of our most popular speakers ever! Powerful 15" woofer with massive 2-pound magnet pumps out huge volumes of air—you can feel the bass down to 25 Hz. Sectoral midrange and heavy-duty tweeter horns are ferrofluid cooled for increased power handling and improved linear response. Up-front treble and midrange controls. Genuine walnut veneer. 40-4029 **239.95**

SPECIFICATIONS. Response: 25-20,000 Hz. Power Handling Capacity: 160 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 28³/₄ x 17⁵/₈ x 12".

Acoustically Aligned 2-Way System

129⁹⁵
Each

- 8" Long-Throw Woofer
- 10" Passive Radiator
- 2" Liquid-Cooled Tweeter

Realistic Optimus-40. You'll hear a truer stereo image with this stylish system! The tweeter is recessed to assure proper phasing of high and low frequencies for exceptional depth and transparency. Variable high frequency control. Genuine walnut veneer. 40-2040 **129.95**



SPECIFICATIONS. Response: 40-20,000 Hz. Power Capacity: 75 watts. Sensitivity: 87 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 26 x 14¹/₂ x 10".

Top of the Line! 3-Way Speaker System With Passive Radiator



259⁹⁵
Each

Only \$26 Per Month
On CitiLine Credit

- 10" Long-Throw Woofer • 10" Passive Radiator
- 5" Midrange • 1" Liquid-Cooled Soft-Dome Tweeter
- Furniture-Quality, Hand-Oiled Walnut Veneer

Realistic Optimus T-300. For the critical listener. We've employed sophisticated computer-aided design, ferrofluid damping techniques and hand-assembled components to produce an expertly crafted system! A powerful 4.25-pound magnet drives the woofer for deep, tight bass, and the passive radiator extends response down to a solid 44 Hz. Midrange uses a 1.5-pound magnet for increased power handling and excellent transient response. Separate level controls for midrange and tweeter output. Our finest ever—compare its sound with others at twice the price!

40-2042 **259.95**

SPECIFICATIONS. Response: 44-20,000 Hz. Power Handling Capacity: 150 watts. System Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 34 x 12⁵/₈ x 14".

SUPERB-SOUNDING, VALUE-PRICED SPEAKERS

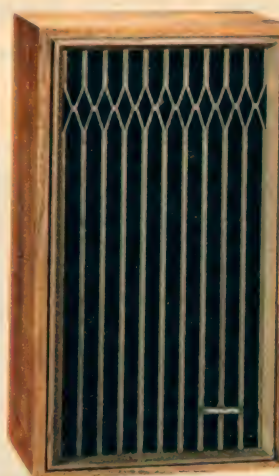


2-Way System With Tuned Port for Improved Bass

99⁹⁵
Each

- High-Compliance 10" Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer Finish

Realistic Optimus-30. Efficient bass-reflex design for an excellent low-end response. Screen mesh protected tweeter pours out crystal-clear high frequencies. Response: 55-20,000 Hz. Power handling capacity: 70 watts. Recessed color-coded spring terminals. 22 7/8 x 12 1/4 x 8 5/8". 40-2043 99.95



2-Way Bass-Reflex System With Decorator Grille

NEW FOR '84

79⁹⁵
Each

- 8" Woofer • Tuned-Port Design
- 2 1/2" Extended-Range Tweeter
- Genuine Oiled Walnut Veneer

Realistic Nova®-4. Attractive styling and efficient design put this speaker a cut above comparably priced systems. 8" foam-surround woofer pumps out solid bass. Dynamic cone tweeter delivers crisp, clean highs. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Spring terminals. 19 x 10 3/4 x 7 1/2".

40-4031 79.95



Bass-Reflex System With Polypropylene Woofer

NEW FOR '84

69⁹⁵
Each

- 8" Woofer • Tuned Port
- 2 1/2" Dynamic Tweeter
- Genuine Walnut Veneer

Realistic MC-1600. A hard-to-beat value! Rigid, polypropylene woofer produces incredibly smooth, well-defined bass response. Response: 60-20,000 Hz. Power handling capacity: 55 watts. Removable cloth grille. Spring terminals. 18 x 11 1/2 x 6 3/4". 40-1989 69.95

Available Oct. 30, 1983



2-Way Acoustic Suspension System

59⁹⁵
Each

- 8" Long-Throw Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Oiled Walnut Veneer

Realistic MC-1201. Great sound, low price! Long-throw woofer has a 25-square-inch radiating area for clean, well-defined bass. Response: 85-17,000 Hz. Power handling capacity: 50 watts. Removable decorator grille. Recessed phono jack and screw terminals. 17 3/4 x 10 5/8 x 7 1/2". 40-1990 59.95

2-Way Bookshelf-Sized Speaker System



39⁹⁵
Each

- Efficient Long-Throw 6 1/2" Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer Finish

Realistic MC-600. Small enough to fit easily on most shelves, yet maintains a remarkably smooth and wide frequency response. Cloth grille is removable. Response: 100-18,000 Hz. Power handling capacity: 40 watts. Recessed phono jack and screw terminals. 13 1/2 x 8 7/8 x 5 1/4". 40-1979 39.95



3-Way Acoustic Suspension System

99⁹⁵
Each

[A] Realistic Nova-500. 12" woofer, 5" midrange and 3" tweeter for full-range sound. Response: 55-20,000 Hz. Power capacity: 50 watts. Spring terminals. 24 x 15 x 10 1/4". Walnut vinyl. 40-916 99.95

2-Way Extension

29⁹⁵
Each

[B] Realistic Minimus-19. 8" woofer, ported enclosure, 3" tweeter. 10 watts. 22 x 12 x 6 1/2". Walnut vinyl. 40-915 29.95

OUR AMAZING, SPACE-SAVING MINIMUS® SPEAKERS

Acoustically Aligned Design Improves Stereo Image

89⁹⁵
Each

High-Efficiency
Tuned-Port Enclosure
For Deep Bass

Realistic Minimus-50. 6½" woofer and 2" liquid-cooled tweeter are positioned for truer stereo image. Response: 50-20,000 Hz. Power handling capacity: 55 watts. Molded enclosure, metal grille. 15¾ x 8⅞ x 9".

40-2044 89.95

Die-Cast Speaker System With Polypropylene Woofer

**NEW
FOR '84**

79⁹⁵
Each

Realistic Minimus-12. Acoustically aligned for detailed sound with exceptionally smooth bass. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Spring terminals. 10⁹/₁₆ x 6¹⁵/₁₆ x 6⁵/₁₆".

- 5" Woofer
 - 2" Horn-Loaded Cone Tweeter
- 40-2046 79.95

Elegant Walnut Veneer Mini-Speaker

59⁹⁵
Each

- 4" Woofer
- 1" Soft-Dome Tweeter
- Removable Cloth Grille

Realistic Minimus-7W. Same design as our famous Minimus-7, but with genuine oiled walnut finish. This incredible little speaker delivers full-range sound up to 20,000 Hz. Power handling capacity: 40 watts. Spring terminals. 8 x 5 x 4". 40-2039 59.95

The Famous Minimus-7 Speaker—Praised by Stereo Review

*"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good... power handling above average... a good buy."**

49⁹⁵
Each

- Long-Excursion 4" Woofer
- 1" Soft-Dome Tweeter
- Die-Cast Metal Enclosure

Realistic Minimus-7. Less than 8" high, yet you get outstanding bass and crystal-clear highs in apartment, dorm, car—anywhere! Deluxe crossover for smooth response without artificial "peaks". Hanger slots and recessed spring terminal connectors for easy wall mounting. Power handling capacity: 40 watts. 7¹/₁₆ x 4⁷/₁₆ x 4⁵/₁₆".

Black 40-2030/Silver, 40-2034 49.95
Mounting Brackets. 40-2031 .. Pair 14.95

Great Sound for Home or Car

19⁹⁵
Each

- Just 5⁵/₈" High
- Extraordinary 3" Speaker
- Removable Steel Grille

Realistic Minimus-3.5. This remarkable little performer puts big sound in the smallest places! High-density molded enclosure. Spring terminals. 5⁵/₈ x 3⁵/₈ x 3⁵/₈".

40-1996 19.95
Mounting Brackets. 40-1997 Pair 9.95

*Quotes excerpted with permission from STEREO REVIEW, Aug. 1979 article "Nineteen Minispeakers", ©1979 Ziff-Davis Publishing Co. All rights reserved.

Mini-Extension Speakers



A 12⁹⁵ Each **B 19⁹⁵** Each **C 14⁹⁵** Each

- A Minimus-3.** 5" driver, walnut vinyl veneer. 7 watts. 10 x 8½ x 5½". 40-913 12.95
- B Minimus-8.** 4" driver, walnut vinyl veneer. 10 watts. 9¾ x 5⅞ x 4¾". 40-216 19.95
- C Minimus-0.5.** Metal frame, walnut vinyl veneer. 10 watts. 6⅝ x 4⅞ x 4⅞". 40-1995 14.95

Walnut Veneer Cube Speakers

**NEW
FOR '84**



D 11⁹⁵ Each **E 350 21⁹⁵** Each
Was \$24.95 in 1983 Catalog

- D Minimus-0.3.** Great as extensions for personal stereos. 3" driver. 7 watts. 4 x 4 x 3¾". 40-1250 11.95
- E Minimus-17.** Sealed walnut veneer enclosure with an amazing 5" full-range driver. Wire mesh grille. 15 watts. 6½ x 6½ x 6". 40-225 21.95

Super-Tweeters Add Brilliance To Any Speaker System

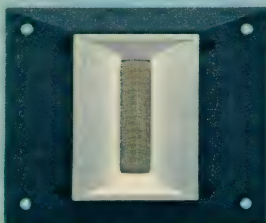


F 350 17⁹⁵ Each **G 350 12⁹⁵** Each
Was \$19.95 in 1983 Catalog Was \$14.95 in 1983 Catalog

- F Dynamic.** Extends response to 40,000 Hz. Mounts in or outside of enclosure. Power capacity, 50 watts. 40-1310 17.95
- G Piezo.** Response to 27,000 Hz. Burnout-proof. Sensitivity: 96 dB (SPL at 1 meter/1 watt). 75 watts. Easy parallel hookup. 40-1380 12.95

UPGRADE WITH TWEETERS & MIDRANGE SPEAKERS

Leaf Tweeter for Superb Highs



NEW
FOR 84

14⁹⁵

- Ultra-Wide 5-50 kHz Frequency Range
- 30 Watts Power Handling Capacity

Advanced design for exceptionally detailed high frequencies to an incredible 50,000 Hz! Wide dispersion characteristics provide brilliant sound throughout the listening area. SPL: 91 dB (1W/1M). 9.5-oz. magnet. 8 ohms.

40-1375 14.95

Wide-Dispersion Dome Tweeters for Smooth, Accurate Sound

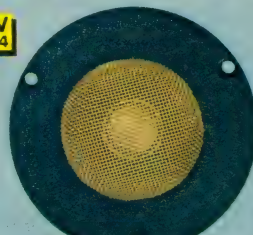


NEW
FOR 84

A

Polycarbonate
Hard Dome

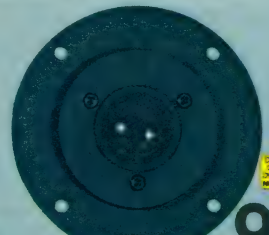
7⁹⁵



B

Available Sept. 30, 1983
Polypropylene Dome

9⁹⁵



C

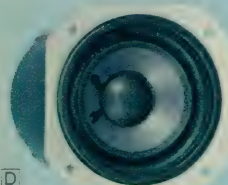
Mylar Dome Was \$10.95 in 1983 Catalog

350
9⁹⁵

• These lightweight tweeters react quickly to input for excellent transient response. Their smooth, "natural" sound character is further enhanced by exceptional dispersion qualities. This in turn gives you detailed stereo imaging without narrow "beaming" effect. 8 ohms.

Fig.	Size	Power Nom/Max (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Mag. Wt. (oz.)	Cat. No.	Each
A	3/4"	20/40	3-30	91	0.6	40-1376	7.95
B	1"	20/40	3-20	91	4.3	40-1374	9.95
C	1"	20/40	6-20	87	5.4	40-1276	9.95

Midrange Speakers



D

350
NEW LOW PRICES

9⁹⁵ Was \$11.95 in 1983 Catalog



E

350
NEW LOW PRICES

14⁹⁵ Was \$17.95 in 1983 Catalog

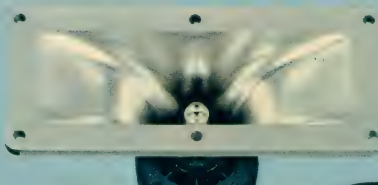
D 3" Dynamic Midrange/Tweeter. Add to any woofer for a 2-way system with great mids and highs. 30 watts. Response: 700-20,000 Hz. SPL: 89 dB (1W/1M). 3-oz. magnet. 8 ohms.

40-1289 9.95

E Wide-Dispersion Soft-Dome Midrange. 70 watts. Response: 1500-10,000 Hz. SPL: 86 dB (1W/1M). 10.8-oz. magnet. 8 ohms.

40-1281 14.95

Solid-State Piezo Tweeters for High-Output Applications

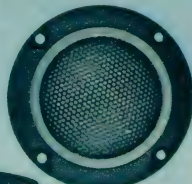


F

G



H



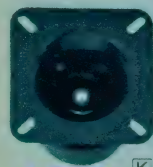
J

- Easy Parallel Hookup—No Crossover Required
- Virtually Burnout-Proof

Improve the sound of your present speaker system with crisp, clean highs and superior sound fidelity. These high-performance tweeters employ a ceramic driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing". 8 ohms.

Fig.	Description	Power Nom/Max (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
F	2 x 6" Horn	30/75	2-25	94	40-1379	14.95
G	3.5" Super Horn	30/75	5-25	95	40-1381	12.95
H	3.75" w/Dome	40/75	4-20	91	40-1382	8.95
J	2" for Home/Car	40/75	5-25	93	40-1383	4.95

Dynamic Tweeter Horns



K



L

350
NEW LOW PRICES

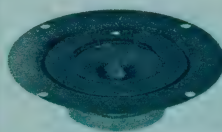
7⁹⁵ Was \$8.49 in 1983 Catalog

11⁹⁵ Was \$12.95 in 1983 Catalog

These quality horns deliver wide, controlled sound dispersion patterns. Ideal for use where high penetration levels are desired. Dynamic elements provide life-like reproduction of percussive and brass instruments. 8 ohms.

Fig.	Descrip.	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (oz.)	Cat. No.	Each
K	2 1/4" Radial	20/50	2500	6-16	98	2.75	40-1278	7.95
L	2 x 6"	12/30	1500	5-17	96	2.75	40-1228	11.95

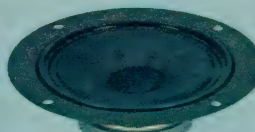
Dynamic Cone Drivers



1 3/4" Tweeter

5⁹⁵

M



Ferrofluid-Cooled
4" Midrange

9⁹⁵

N

Enjoy extended high and mid-frequency response with these affordably priced cone drivers. 8 ohms.

Fig.	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (oz.)	Cat. No.	Each
M	20/50	1700	5-20	91	2	40-1270	5.95
N	20/50	550	1.5-11	92	2.8	40-1282	9.95

Dynamic Protectors



For
Tweeters 4⁹⁹ Pair

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For two or three-way systems. Easy hookup. 40-301 Pair 4.99

Speaker Enclosure Construction Manual



Everything You
Need to Know 4⁹⁵

Chapters on how speakers work, closed-box and tuned-port designs, PA, testing, more. 62-2309 4.95

SPEAKERS FOR CUSTOM SYSTEMS & REPLACEMENT

Long-Throw 4" and 6½" Woofers for Car or Home



Long-throw design allows maximum cone movement to produce solid bass from a compact speaker. Color-coded terminals. 8 ohms.

Fig	Size	Power Cap (watts)	Effect Freq Range (Hz)	F ₀ (Hz)	Qts	V _{AS} (ft. 3)	SPL 1W/1M (dB)	Mag Wt (oz.)	Cat No	Each
A	4"	10	55-5000	55	35	23	84	8	40-1022	9.95
B	6½"	50	50-5000	45	.40	1.2	90	9.8	40-1009	15.95

8" and 10" Foam-Surround Woofers for Extended Bass



These speakers deliver clean, "gutsy" bass. High-temperature voice coils for reliability. Mounting gaskets included. 8 ohms.

Fig	Size	Power Cap (watts)	Effect Freq Range (Hz)	F ₀ (Hz)	Qts	V _{AS} (ft. 3)	SPL 1W/1M (dB)	Mag Wt (oz.)	Cat No	Each
C	8"	50	43-3000	43	46	2.15	82	16	40-1006	19.95
D	10"	50	40-4000	40	93	4.3	91	9.12	40-1331	24.95

8" & 12" Polypropylene Woofers



Light, rigid cone is designed to deliver exceptional low-frequency smoothness. 8 ohms.

Fig	Size	Power Cap (watts)	Effect Freq Range (Hz)	F ₀ (Hz)	Qts	V _{AS} (ft. 3)	SPL 1W/1M (dB)	Mag Wt (oz.)	Cat No	Each
E	8"	50	30-3000	30	41	2.55	89	10	40-1021	19.95
F	12"	50	20-2000	20	76	12	89	16	40-1023	29.95

8" Full-Range Speakers



Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms.

Fig	Size	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq Range (Hz)	SPL 1W/1M (dB)	Magnet Wt (oz.)	Cat No	Each
G	8"	5/10	75	75-20K	88	2.8	40-1271	5.95
H	8"	4/10	90	90-20K	87	5.3	40-1272	7.95
w/Whizzer	30	57	57-16K	93	9.4	40-1286	15.95	

Multi-Use Wide-Range Speakers



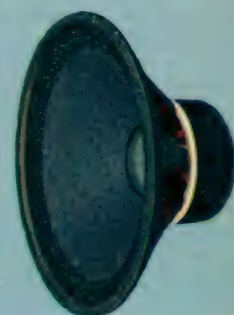
Great-sounding speakers for everything from replacements in portables to custom-built systems, ceiling installations, more! 8 ohms.

Fig	Size	Power Nom/Max (watts)	Eff. Freq Range (Hz)	Mag Wt (oz.)	Cat No	Last Year Was	New Low Price
J	3"	2.0	—	0.4	40-248	2.99	2.19
J	2 1/4"	0.5	—	0.4	40-246	2.49	1.89
J	2"	0.5	—	0.4	40-245	2.49	1.89
K	6" w/Whizzer	7/20	55-12K	9.8	40-1285	12.95	11.95
—	6"	2/5	90-12K	2.8	40-1242	6.49	5.95

15" Musical Instrument Speaker —100-Watt Power Capacity—

39.95

Heat-Proofed to Resist Fracture and Burnout



Favorite of musicians everywhere! Designed for heavy-duty use. 8 ohms impedance.

Power (watts)	F ₀ (Hz)	Response (Hz)	Magnet (oz.)	SPL (dB)	Cat No	Each
100	62	62-3000	34.25	91.5	40-1315	39.95

Solid Steel Ceiling Speaker Grille

4.99 White Enamel Finish

For mounting 8" speakers in ceiling. With hardware. (Use with 40-1271/1272/1286 above.)

40-1223 4.99

Universal Three-Way Crossover



Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Cut-off rate: 6 dB per octave. 100 watts. 40-1299 17.95

Universal Two-Way Crossover



Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. Cut-off rate: 6 dB per octave. 100 watts. 40-1296 9.95

L-Pad Speaker Level Control

6.95

Handles Up to 75 Watts

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. 40-977 6.95



Custom Speaker Terminal Plates

1.99 • Spring Jacks • Phono or ¼" Phone Jack

Recessed design lets you put enclosure near wall. Centered RCA-type phono jack with plug to maintain acoustic "seal". 274-625 1.99

As above, but with ¼" phone jack instead of phono jack. With seal plug. 274-624 1.99

Acoustic Insulation

For Custom Builders **2.19**

Fiberglass. For damping speaker enclosures. One square yard. 42-1082 2.19



REALISTIC® HI-TECH LINEAR TRACKING TURNTABLES

Top-of-the-Line! Direct-Drive
With Built-in Microprocessor



**NEW
FOR '84**

219⁹⁵

- Plays Discs the Same Way They Were Originally Cut
- Logic-Controlled Tonearm for Absolute Zero Tracking Error
- 2-Speed Bidirectional "Search" Pushbuttons Control Tonearm
- Countersunk Neon Stroboscope With Accurate Pitch Control
- Convenient Front-Access Controls
- LED Indicators for Disc Size, Speed, Repeat and Power-On
- Clean, Low-Profile Styling

Realistic LAB-2100. Our finest turntable ever! Built-in computer circuitry monitors and adjusts the straight-line, low-mass tonearm, keeping the stylus at the correct angle to the groove at all times. You get perfect tracking at every point on the disc, from beginning to end—which means superior sound and preservation of your valuable records. Soft-touch pushbuttons provide complete fingertip control. Press the play/cut button for fully automatic operation, or use the cue and forward/backward buttons to maneuver the arm to any point on the record. With the LAB-2100, you never have to touch the tonearm. Repeat button with LED lets you continuously replay one side of a record. Rumble: -75 dB. Wow and flutter: less than 0.025%. 4 1/2 x 13 3/4 x 15". U.L. listed. **42-2911** **219.95**

Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge



Belt-Drive Automatic With Cover-Mounted Tonearm and Programmable Repeat

**NEW
FOR '84**

159⁹⁵

- Non-Contact, Photo-Sensing Size Finder Automatically Detects Size of Disc
- Repeat One Side of a Record—Or Your Favorite Cuts—Up to 16 Times



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge



Realistic LAB-1500. The latest in audio technology! Logic-controlled linear tracking duplicates the path of the cutting lathe which "mastered" the record. Distortion is reduced to the vanishing point, giving you the excellent sound reproduction audiophiles demand. "Search" pushbuttons let you move the tonearm forward or backward to any point on the record. Sleek, space-efficient styling. LED repeat indicator. Rumble: -70 dB. Wow and flutter: 0.045%. 3 5/8 x 12 5/8 x 12 5/8". U.L. listed. **42-2909** **159.95**



You Never Have to Touch the Tonearm!

NEW LOW PRICES ON OUR PRECISION TURNTABLES

Fully Automatic Direct-Drive With Selectable Repeating Play

ONE
OF
OVER
350
NEW LOW PRICES

179⁹⁵

Was \$219.95
in 1983 Catalog

- Convenient Front-Access Controls
- Built-In Strobe with Neon Lamp • Pitch Control
- Straight-Line Tonearm for Excellent Tracking
- Adjustable Tracking and Anti-Skate Controls

Realistic LAB-440. Features include repeat button for continuous replay of one record, damped cue/pause lever, auto-start, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.035%. 5 1/8 x 16 17/32 x 14 9/16". U.L. listed. 42-2976 **179.95**



Includes \$39.95
Realistic/Shure
Moving-Magnet
Cartridge



High-Performance Direct-Drive With Easy-to-Use Front-Access Controls

ONE
OF
OVER
350
NEW LOW PRICES

129⁹⁵

Was \$159.95
in 1983 Catalog

- Straight-Line Tonearm With Counterbalance
- Built-In Stroboscope, Neon Lamp and Variable Pitch Control Make Accurate Speed Adjustments
- Anti-Skate Control Helps Prevent Record Wear

Realistic LAB-395. Great features, low price! Controls are located out front—no need to raise dust cover. Damped cueing, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.05%. 5 1/4 x 16 5/8 x 14 7/8". U.L. listed. 42-2977 **129.95**



Includes \$29.95
Realistic/Shure
Moving-Magnet
Cartridge



Value-Priced Belt-Drive Automatic Offers Quiet, Dependable Operation

ONE
OF
OVER
350
NEW LOW PRICES

99⁹⁵

Was \$139.95
in 1983 Catalog

- Straight-Line Tonearm Design for Low Distortion and Exceptional Tracking
- Powerful, Constant-Speed DC Servomotor
- Damped Cue/Pause Lever
- Anti-Skate Control

Realistic LAB-290. Belt drive absorbs vibrations, so you hear only the music. Adjustable tracking minimizes record wear. Auto arm-return and shut-off. Rumble: -70 dB. Wow and flutter: less than 0.05%. 5 1/8 x 16 17/32 x 14 9/16". U.L. listed. 42-2978 **99.95**



Includes \$19.95
Realistic/Shure
Moving-Magnet
Cartridge



Turntables on These Two Pages Have 33 1/3 and 45 RPM Speeds—45 RPM Adapter Included

QUALITY REALISTIC® TURNTABLES AND CHANGERS

Micro-Turntable Plays Albums and 45s and Fits Nearly Anywhere



**NEW
FOR '84**

59⁹⁵

- Our Most Compact Manual Turntable
- Ideal for Use With Portable Stereos
- Auto-Return, Straight-Line Tonearm



Includes Solid-State
Cartridge* With
Diamond Stylus

Realistic LAB-90. Perfect choice for "mini" stereo systems and where space is limited. Plays 7, 10 and 12" records manually. Cueing lever raises and lowers tonearm—helps prevent stylus or disc damage. 10 x 11⁷/₈ x 10¹/₄". U.L. listed. **42-2983** **59.95**

*Requires magnetic phono input



Belt-Drive Automatic Changer With Strobe

119⁹⁵

- Stacks Up to Four Records for an Hour or More of Continuous Music
- Built-in Neon Lamp Stroboscope



Includes \$19.95
Moving-Magnet
Cartridge

Realistic LAB-77. A smooth-operating, electronically controlled DC motor powers this stylish changer. Neon stroboscope lets you adjust for accurate speed with the variable pitch control. Cue/pause lever, counter-balanced tonearm and anti-skate control, plus controls to select 7, 10 or 12-inch discs and 33¹/₃ or 45 RPM speeds. 5³/₄ x 15 x 13". U.L. listed. **42-2982** **119.95**

Easy-to-Use Belt-Drive Automatic Changer

99⁹⁵

- Auto-Glide Spindle Lets You Stack Up to Four Records at a Time
- Auto-Return and Auto-Shutoff



Includes \$12.95
Magnetic
Cartridge

Realistic LAB-75. Belt drive system isolates motor noise. Features an electronically controlled DC motor, straight-line factory balanced tonearm and cue lever for manual operation. Plays 7, 10 and 12-inch records at 33¹/₃ and 45 RPM. 5³/₄ x 15 x 13". U.L. listed. **42-2981** **99.95**

Low-Cost Automatic Changer

69⁹⁵

- Spindle Stacks Up to Four Records
- Tonearm Cue Lever

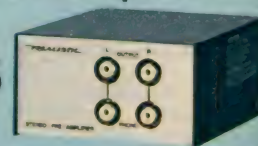
Realistic LAB-59. Great for starter or second systems. Features factory balanced straight-line tonearm, simulated walnut finish. Plays 7, 10 and 12-inch discs at 33¹/₃ and 45 RPM. 7 x 17 x 14¹/₂". U.L. listed. **42-2979** **69.95**

Includes Ceramic
Cartridge With
Diamond Stylus



Stereo Preamplifier

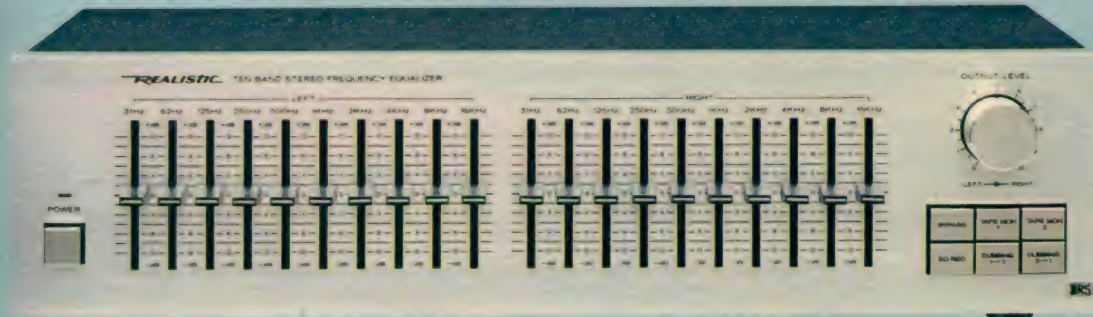
19⁹⁵



Matches Magnetic Cartridge to Aux/Ceramic Input

Lets you enjoy the superior sound of a magnetic cartridge with amplifiers having only ceramic phono or aux inputs. Wide stereo separation, low distortion, accurate RIAA equalization. 2 x 3⁵/₈ x 4³/₄". U.L. listed. **42-2101** **19.95**

10-BAND EQUALIZER WITH TAPE CONTROL CENTER



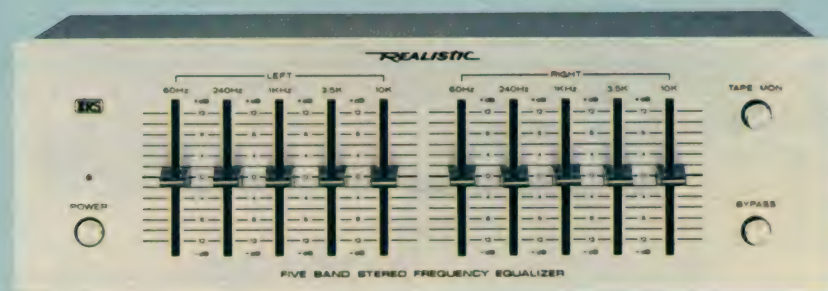
NEW FOR '84 **119⁹⁵**

- Record Like the Pros
- 20 Linear Sliding Boost/Cut Tone Controls
- Record, Monitor and Dub Equalized Sound From Tape Deck to Tape Deck

Our new feature-packed stereo equalizer makes you an "audio magician"! You can custom-tailor the sound of your stereo system to match room acoustics, add "punch" to certain instruments or a vocalist, even reduce disc noise, turntable rumble and tape hiss electronically. Slide-action controls boost or cut frequency response up to 12 dB. Unlike ordinary tone controls, they cover a narrow shaped frequency band so you can effectively control the exact part of the audio spectrum you need to. A dual tape control system lets you dub between two decks and re-equalize existing tapes when you make copies. There are pushbuttons for monitoring two tape decks and a bypass button for instant comparison between original and equalized sound. Dual-concentric level control, great styling and outstanding performance. 4 1/2 x 16 1/2 x 7". U.L. listed. **31-2005** **119.95**

Specifications
Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000 and 16,000 Hz. **Response (flat setting):** 5-50,000 Hz +0.5 dB, -1 dB. **Range:** ± 12 dB. **Harmonic Distortion:** 0.02%. **Hum and Noise:** -85 dB.

Five-Band Stereo Frequency Equalizer



69⁹⁵

A tremendous value—it's like adding ten narrow-range tone controls to your system! Five slide-action controls for each channel let you boost or cut frequency response up to 12 dB in bands centered at 60, 240, 1000, 3500 and 10,000 Hz. Features a tape monitor button, a bypass button for comparing equalized and original sound, line and tape in/out phono jacks. Metal case with brushed aluminum front, 4 1/2 x 10 1/4 x 6". U.L. listed.

31-1988 **69.95**

Stereo Tape Control Center



24⁹⁵ Monitor, Record And Dub With Up to Three Tape Decks

Eliminates the hassle of patchcord "swapping". This compact component can also be used to switch equalizers, noise reducers, time delay devices and more. Connects to system's tape monitor jacks. Molded case. 2 1/4 x 6 1/4 x 4 3/4".

42-2105 **24.95**

Portable, Five-Voice Melody Maker is the Instrument Anyone Can Play!



ONE OF OVER 350 NEW LOW PRICES **49⁹⁵**

Was 69.95 in 1983 Catalog

- Built-In 100-Note Memory With Automatic Playback
- Five Preset Voices and Ten Rhythm Accompaniments
- Built-In Calculator

Realistic Concertmate*-200. Now you can make great-sounding music without years of practice! With one finger you can create a melody, play it back, change tempo and notes until it's perfect, even add a rhythm accompaniment. The ADSR mode lets you explore over 80 million sound combinations. And you can easily repeat the sounds you create. Musical characteristics—Attack, Decay, Sustain, Release, Tempo and Pitch—and are presented numerically on the liquid crystal readout. Fully portable, the amazing Concertmate plays through its built-in speaker, a stereo system or any amplifier. A great musical gift for yourself or anyone. Requires four "AA" batteries or AC adapter. 1 1/8 x 11 3/4 x 3". **42-4001** **49.95**

Specifications
Keyboard: 29 keys. **Preset Sounds:** Piano, Fantasy, Violin, Flute, Guitar. **Rhythms:** March, Waltz, Rock 1 & 2, 4-Beat, Swing, Bossa Nova, Samba, Rhumba, Beguine. **Pitch Shift:** ± 1/2 tone. **Octave Shift:** 3 Levels.

RECORD CARE AND CLEANING ACCESSORIES

Revolutionary Silicone Roller Record Cleaner



**NEW
FOR '84**

6⁹⁵

Provides Years
Of Effective
Cleaning Action

The silicone rolling cleaner's positive lifting-action removes dust and dirt from record grooves and leaves absolutely no residue. Roller cleans easily with water. Molded handle. 42-201 6.95

Anti-Static Carbon Fiber Record Brush With Velvet Handle



4⁹⁵ Was \$7.95 in
1983 Catalog

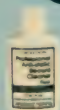
**ONE
OF
OVER
350
NEW LOW PRICES**

Removes surface dust the professional way—over one million static-cutting fibers thoroughly deep-clean your discs for prolonged record and stylus life. 42-112 4.95

Deluxe Hydro-Stor Record Care System



9⁹⁵



With
Fluid

An exclusive fluid storage and distribution medium allows the perfect amount of vapor to penetrate the velvet-surfaced cleaner. Creates a field of humidity that reduces static charges and cleans records. 42-102 9.95

Budget Hydro-Stor Cleaning System



4⁹⁵

Velvet-covered cleaner helps protect your records. With fluid. Wood handle. 42-101 4.95

Wet-or-Dry Cleaner



2⁹⁹

Velvet-covered ionizer/cleaner removes dust and dirt, fights static. 42-130 2.99

Easy-to-Use Cleaner



1⁹⁹

The lowest cost way to protect and prolong record and stylus life. 42-135 1.99

Anti-Static Fluid



1⁹⁹

Controlled
Flow Tip

Cleans records and styli. Usable with all fine cleaners. 4 oz. 42-105 1.99

Low-Cost LP Spray Cleaner



1³⁹

With
Cloth

Sprays away record noise and wear. 42-2500 1.39

Stylus Cleaner

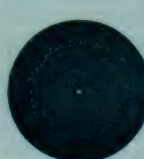


1⁵⁹

Includes
Lint-Lift
Brush

Removes harmful particles from stylus. 42-1074 1.59

Turntable Mat



3⁹⁵

- Anti-Static
- Anti-Resonant

Carbon/impregnated foam cuts "crackle and pop". 42-362 3.95

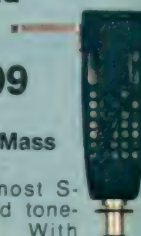
Glass Fiber Head Shell



5⁹⁹

Lightweight housing fits most straight-line tonearms. Mtg. hardware. 42-2699 .. 5.99

Replacement Head



4⁹⁹

Low Mass

Fits most S-shaped tonearms. With mtg. hardware. 42-2752 .. 4.99

Record Sleeves



2³⁹

Pack of 10

Vinyl lined. Fit all LPs. Protect your records. 42-132 2.39

40-LP Record Rack



Get
Organized **3⁵⁹**

A neat way to store and protect your record collection. 42-136 .. 3.59

Foam Phono Cushions



Low
As

99^c

10" and 12" Sizes

Anti-resonant support. 10" 42-360 99c
12" 42-361 1.39

Clip-On Disc Brush



79^c

Fits onto tonearm, cleans records as they play. 42-1073 79c

45-RPM Adapters



A Manual. Fits over standard spindle. 42-120 49c

B Inserts. Snap into 45-RPM discs. 42-103 40/1.09

45-RPM Auto Spindle



1⁷⁹

Fits most standard Realistic and BSR changers. 42-3000 1.79

Prices Apply at Participating Radio Shack Stores and Dealers

REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Accuracy of Our Realistic/Shure RXT4

Dynamic Stabilizer With Viscous Damping Assures Outstanding Sound—Even on Warped Records

4995



Our best in every way! Use with any turntable capable of tracking at 1 1/2 grams or less. Telescoping stylus for unmatched trackability at an ultra-light 3/4-1 1/2 grams—even on the new super discs. Lowest distortion elliptical stylus (5 x 18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side-Guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush. Upgrade the sound of your system with this high-quality cartridge! 42-2773 49.95

NEW FOR '84

1995
Realistic/Shure R25XT

Hi-Value Hi-Fi
Elliptical diamond stylus for lower distortion (10 x 18 microns). 20-20,000 Hz response. Tracks at 2.5-3.5 grams. 42-2777 19.95

NEW FOR '84

2995
Realistic/Shure R47XT

Wide Dynamic Range
Features of R25XT, plus high trackability from 1.75-2.25 grams. 20 dB channel separation. Elliptical diamond. 42-2778 29.95

NEW FOR '84

3995
Realistic/Shure R1000XT

Ultra-Light Tracking
Smooth 20-20,000 Hz response for high-definition. Tracks at 1-1.5 grams. Elliptical diamond stylus. 42-2779 39.95

Elliptical Diamond Styli for Realistic/Shure Cartridges

NEW FOR '84
1495
Replaces R25, Shure M71, M 7 5 E C S series. 42-2780 .. 14.95

NEW FOR '84
1995
Replaces R47, Shure M70, M75 series. 42-2781 .. 19.95

NEW FOR '84
2495
Replaces R27, Shure M73/75E series. 42-2782 .. 24.95

NEW FOR '84
2795
Replaces R1000, Shure M90, M75 T-2 series. 42-2783 .. 27.95

Realistic/Shure Elliptical Stylus

NEW FOR '84
3795
Replaces RXT4 and Shure M97ED cartridges. With damped dynamic stabilizer. 42-2784 37.95



Budget Cartridge

1295
QLM30 MK III
Diamond conical stylus. 20-20,000 Hz response. Tracks 3-5 grams. Easy-mount adapter. 42-2772 ... 12.95

Plug-In Cartridge

NEW FOR '84
2995
RX1500
Tracks at 1-1.5 grams for linear tracking turntables. Elliptical stylus. 15-25,000 Hz response. 42-2775 ... 29.95

ATN-771E Stylus
995
For Audio-Technica AT-70, AT-71, AT-71E. Tracks 1 1/2-2 1/2 grams. 42-2774 ... 9.95

RT1500 Stylus
NEW FOR '84
1995
For RX1500; AT102P, AT102/112/122EP. Tracks 1-1.5 grams. 42-2776 19.95

RSK8C Diamond
995
For QLM30 and ADC K series. Conical. 42-2771 9.95

RS50E Elliptical
1995
For ADC QLM34 MK III, P32, K5E. 42-2759 ... 19.95

DAT-2 Stylus
Conical. For Pickering V15/AT-2, V15/AT-1, V15ATM, KLH, similar systems. 42-2484 ... 10.95

DATE-4 Stylus
Elliptical. For Pickering V15/AC, V15/AT, ATE, AM, ATE-4, P/AC, P/AT, P/ATE, most Fisher and Garrard. 42-2485 ... 18.95

Protect Your Records With Diamond Replacement Styli

399 Each							
A				B			
C				D			
E				F			
G				H			
I				J			
K				L			
M				N			
O				P			
Q				R			
Fig.	Cat.No.	Model	Cartridge or Stylus No.	Fig.	Cat.No.	Model	Cartridge or Stylus No.
ASTATIC				TETRAD			
A	42-2813	R-3	314, 420, 422, 424, 426	K	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T5OHD
B	42-2817	RS-25	70, 74, 76, 80, 86 Stereo	L	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
C	42-2804	RS-67	140, 142 Stereo	M	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T20MD
BSR				N	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0/1/2/3, T3/30MD
D	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1	O	42-2901	RS-204	T50HD
E	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H	VARCO			
F	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22	P	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
G	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21	Q	42-2839	RS-141	TN4A, TN4B
ELECTRO-VOICE				ASTATIC			
H	42-2890	RS-109	168, 198, 199, 275, 277	R	42-2900	RS-120	N-50/51/56/58/62/63/68 70/72/76
GENERAL ELECTRIC							
J	42-2899	RS-161	C-660				
Sapphire Kiddie Needles							
42-2750	229	Pkg. of 2					

QUALITY AUDIO CABLES, CONNECTORS, ADAPTERS

Gold-Plated Patch Cords



350
NEW LOW PRICES

995

Was \$12.95 in 1983 Catalog

MF-200. Maximum fidelity, minimum loss—our best! 39" stereo cable with two low-capacitance, plated plugs at each end. Approved for video! 42-2601 9.95

Stereo Patch Cords



299

Length	Cat. No.	Each
36"	42-2351	2.99
72"	42-2352	3.99

Patch Cables



Low As
599

For adding tape decks, equalizers to your system. 4 phono plugs at each end. 39" long. Was \$6.59 in '83 Catalog. 42-2354 Now 5.99
NEW! 79". 42-2355 7.99

Audio Cable Set



399

• 36" Long
• Set of Four

Shielded to prevent "hum" pickup and signal loss. RCA-type phono plugs at each end. 42-2309 Set, 3.99

DIN Patch Cord



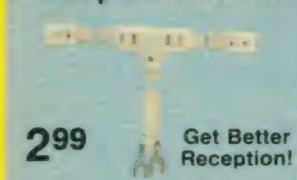
350
NEW LOW PRICES

499

Was \$5.49 in 1983 Catalog

Six-foot shielded cable with 5-pin DIN male connectors on each end. Designed for use with European-type hi-fi equipment. 42-2151 4.99

FM Dipole Antenna



299

Get Better Reception!

Superior to built-in and line-cord antennas. Lugs for easy hookup to receiver's 300-ohm antenna terminals. 42-2385 2.99

Stereo Y-Adapter



589

Six-foot cable. 1/4" stereo plug at one end, two phono plugs at the other. Lets you record from headphone jack. 42-2474 5.89

Stereo Y-Adapter



Low As
399

Connect portables to record from or play through a home hi-fi. 1/8" stereo plug to two phono plugs. 39" long. Was \$4.69 in '83 Catalog. 42-2475 Now 3.99
NEW! 79". 42-2481 4.49

1/8" Dubbing Cord



350
NEW LOW PRICES

Was \$3.29 in 1983 Catalog

299

Six-foot resistor cable with 1/8" phono plugs at each end. Dub from a recorder's earphone jack to mike-input jack of a second recorder. 42-2152 2.99

1/8" to Phono Plug Dub Cord

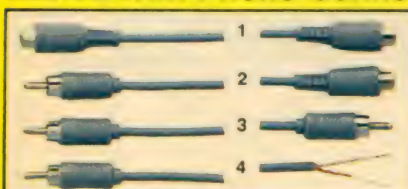


Six-Foot Cable

299

1/8" plug at one end, phono plug at other. Dub from tape-out jack to a recorder's mike input. 42-2461 2.99

Cables With Phono Connectors

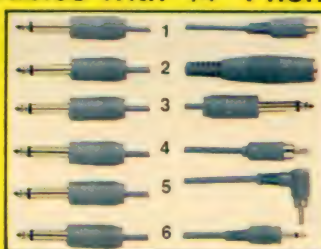


Low As
169

Shielded to Prevent "Hum" Pickup

Fig.	Description	In.	Cat. No.	Each
1	Phono Jack to Phono Jack	72	42-2358	2.49
2	Phono Plug to Phono Jack	36	42-2361	2.29
2	Phono Plug to Phono Jack	72	42-2362	2.39
2	Phono Plug to Phono Jack	144	42-2363	3.19
3	Phono Plug to Phono Plug	18	42-2365	1.79
3	Phono Plug to Phono Plug	36	42-2366	1.89
3	Phono Plug to Phono Plug	72	42-2367	2.19
3	Phono Plug to Phono Plug	144	42-2368	3.09
4	Phono Plug to Stripped, Tinned Wire	36	42-2370	1.69
4	Phono Plug to Stripped, Tinned Wire	72	42-2371	1.89
4	Phono Plug to Stripped, Tinned Wire	144	42-2372	2.19

Cables With 1/4" Phone Plugs

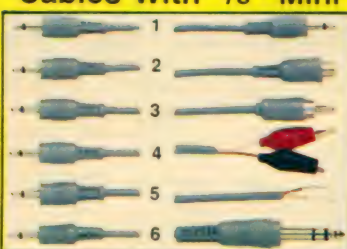


Low As
289

Shielded

Fig.	Description	In.	Cat. No.	Each
1	Phone Plug to Phone Jack	72	42-2377	2.89
2	Phone Plug to Inline Jack	144	42-2378	4.19
3	Phone Plug to Phone Plug	72	42-2381	3.29
4	Phone Plug to Phone Plug	72	42-2373	3.19
5	90° Phone Plug to Phone Plug	72	42-2440	2.89
6	Mini Plug to Phone Plug	72	42-2433	2.89

Cables With 1/8" Mini Plugs

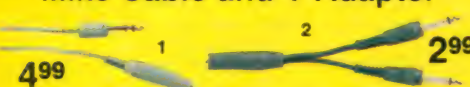


Low As
199

72" Shielded Cables

Fig.	Description	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	42-2472	3.19
3	Mini Phone Plug to Phono Plug	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	42-2157	2.89

Mike Cable and Y-Adapter



499

299

1. 25-Ft. Shielded Mike Extension Cord. 1/4" jack at one end, 1/4" phone plug at other. 42-2379 4.99
2. Y-Adapter. New Low Price! Plugs one mike into both channels of a stereo recorder. 1/4" jack to two 1/4" phone plugs. Was \$3.99 in '83 Cat. 42-2156 Now 2.99

Coiled Guitar Cords

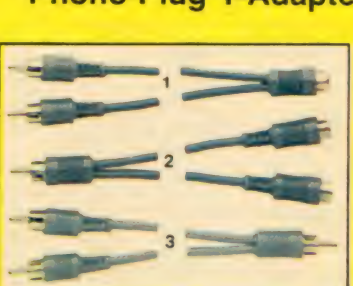


699

499

1. Three feet long, retracted. Extends to 15 feet. Straight 1/4" phone plug to 90° phone plug at other end. 42-2473 6.99
2. Three feet long, retracted. Extends to 12 feet. Right-angle (90°) 1/4" phone plugs at each end. 42-978 4.99

Phono-Plug Y-Adapters



Low As
199

1. Two RCA-type phono plugs connected to one phono jack with 4" shielded cables. 42-2435 2.59
2. One phono plug connected to two phono jacks with 3" shielded cables. 42-2436 2.59
3. Two phono plugs connected to one phono plug with 4" shielded cables. 42-2438 1.99

Assorted Y-Adapters



Low As
189

1. Flexible Y-Adapter. Two RCA-type phono plugs connected to one 1/8" mini phone plug with 9" shielded cables. 42-2153 1.89
2. Flexible Y-Adapter. Two RCA-type phono plugs connected to one 1/4" mini phone plug with 9" shielded cables. 42-2154 1.99
3. Flexible Y-Adapter. Two RCA-type phono plugs connected to one 1/4" phone plug with 5 1/4" shielded cables. 42-2150 2.29
4. New Low Price! Three-conductor (stereo) 1/4" phone jack connected to two RCA-type phono plugs. Was \$3.59 in '83 Catalog. 42-2471 2.99
5. Three-conductor (stereo) 1/4" phone plug to two RCA-type phono jacks. 42-2477 2.59

CUSTOM SPEAKER INSTALLATION ACCESSORIES

Convenient Stereo Speaker Switch Box



Control living room, bedroom and outdoor speakers from a central location. Select simultaneous or individual use of three pairs of stereo speakers. Rated 10 watts rms. Sturdy molded case. 2 1/8 x 6 x 3 1/4". 40-125 12.95

12⁹⁵

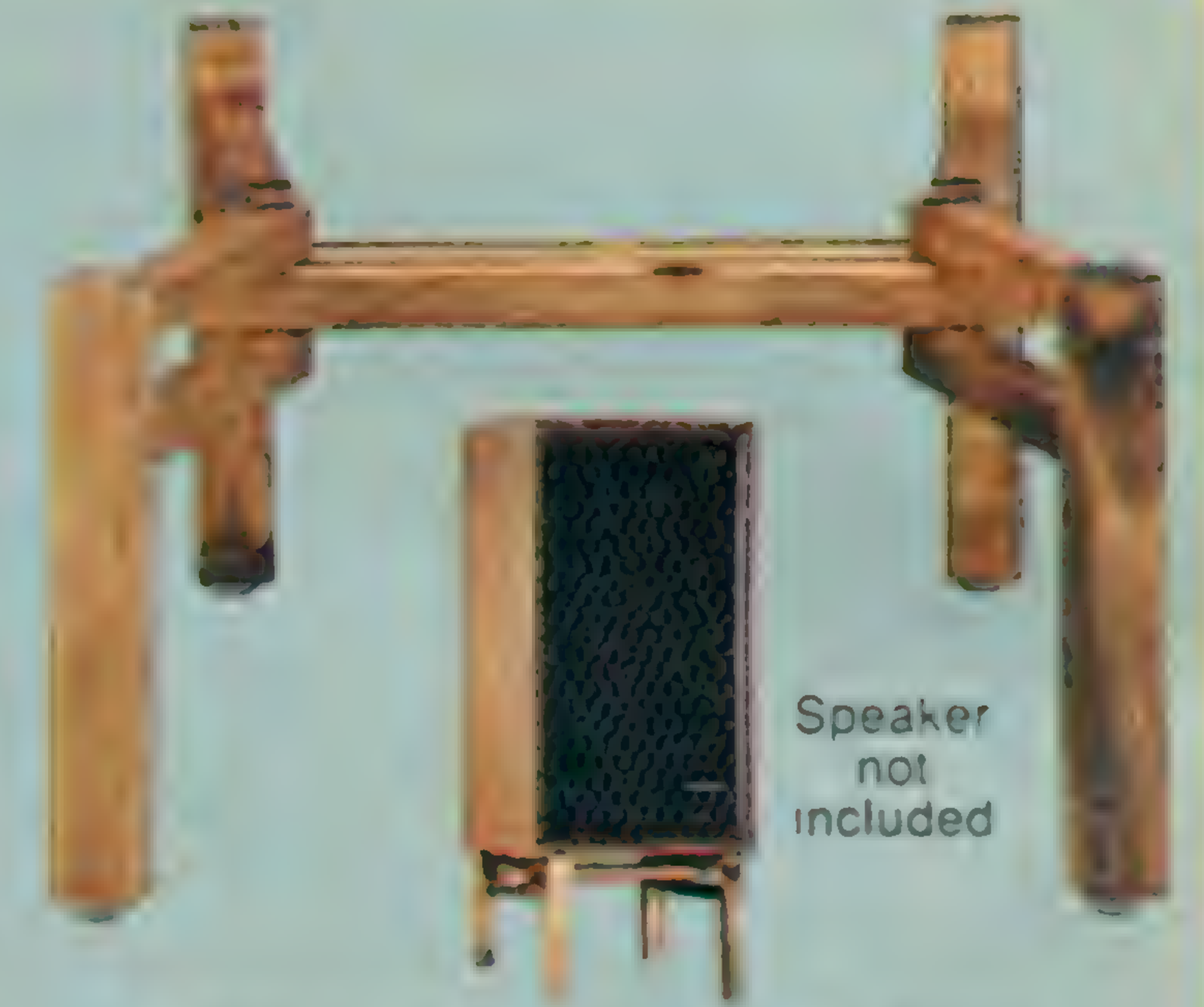
Handles
Up to Six
Speakers

Adjustable Wood Speaker Stands

24⁹⁵
Pair

Lifts speakers seven inches off the floor and properly angles them for a dramatic improvement in sound. Decoupling your speakers from the floor reduces "boominess". Pitched-back angle provides a better phase relationship between speaker elements for more detailed and open midrange.

40-1253 Pair, 24.95



Beautiful Stained Walnut

Speaker Selector Switch



ONE
OF
OVER **350**
NEW LOW PRICES

5⁹⁵

Was \$6.95 in
1983 Catalog

Handles Four Speakers

Controls two pairs of stereo speakers. Select pair one, pair two or both. Non-shorting switch is enclosed in metal case with pre-drilled tabs. Mounting hardware included. 40-130 .. 5.95

Stereo Volume Controls



ONE
OF
OVER **350**
NEW LOW PRICES

9⁹⁵

75
Watt



6⁹⁵

25
Watt

Control volume of two 8-ohm speakers. Easy to install—fit standard electrical wall-box or cut-out. With instructions.

75-Watt. Was \$10.95 in '83 Catalog.

40-978 9.95

25-Watt. 40-979 6.95

Mono Volume Controls



6⁹⁵ 75-Watt



4⁴⁹ 25-Watt

Control volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure. With complete instructions.

75-Watt. 40-977 6.95

25-Watt. 40-980 4.49

Foam Speaker Grille



7⁹⁵

Each

Acoustically transparent molded material. Include hook-and-loop fasteners for easy mounting. 17 x 23 1/2 x 3/4".

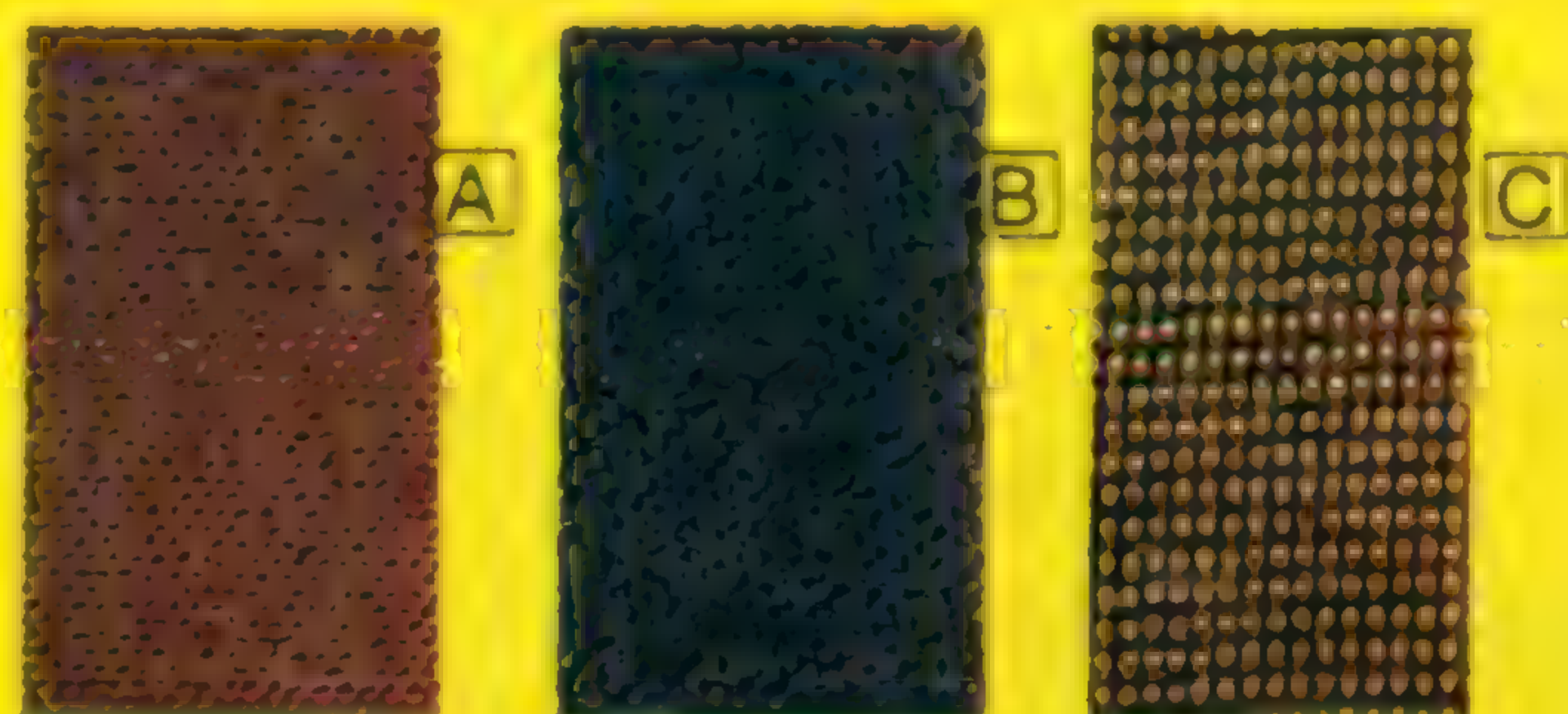
Brown.

40-1946 .. 7.95

Black.

40-1951 .. 7.95

Speaker Grille Cloth



Color-fast fabrics resist sagging, shrinking, fading. Acoustically transparent.

Fig	Description	Size	Cat. No.	Each
A	Deluxe Brown	36 x 34"	40-1936	6.99
B	Deluxe Black	36 x 34"	40-1935	6.99
C	Basket Weave	36 x 32"	40-1949	5.99

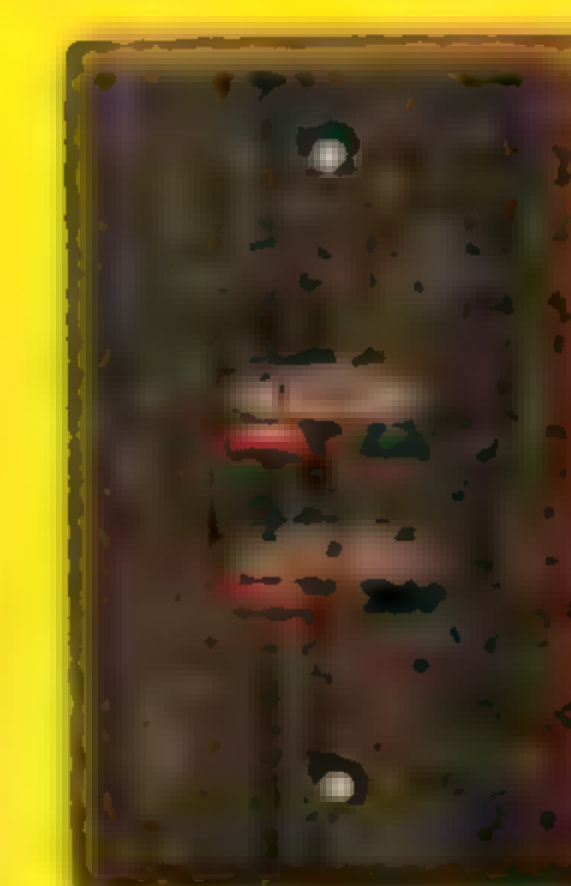
Speaker Wall Jacks



2⁶⁹

2⁹⁹

Fit in
Standard
Wall-Box



Hook up stereo speakers anywhere. Includes two phono plugs. 40-981 2.69

Spring-loaded, color-coded terminals. Includes mounting hardware. 40-975 2.99

Metal Wall Brackets

ONE
OF
OVER **350**
NEW LOW PRICES

2⁹⁵

Pair

Was \$3.95
In 1983
Catalog



Each Supports Up to 50 Lbs.

Now you can easily wall-mount speakers, yet keep the brackets hidden from view. With screws for hardwood mounting of two speakers. 40-150 Pair 2.95

Lug-to-Lug Cables For Speakers

Low As

1⁵⁹

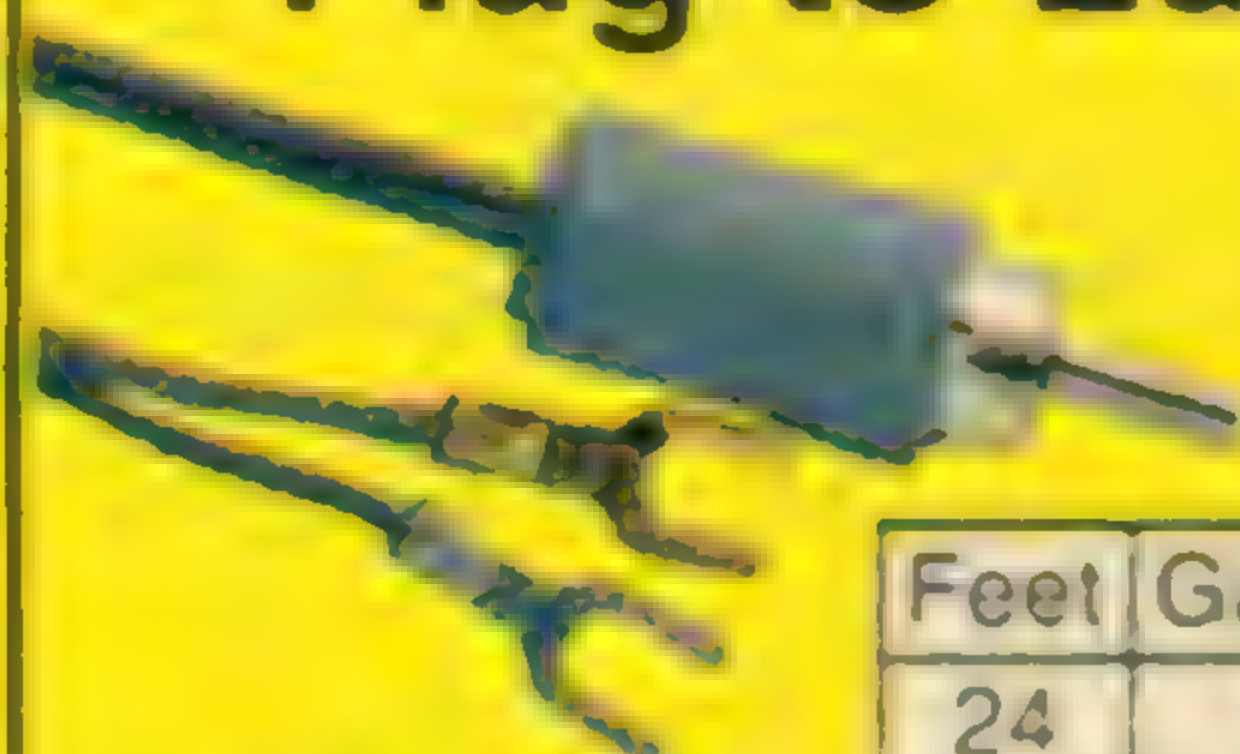
Color-Coded
For Easy Hookup

Solderless! Perfect for use with extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	3.99
24	24	42-2446	2.09
12	24	42-2447	1.59

Plug-to-Lug Cables

Low
As **2¹⁹**



RCA-Type
Phono Plug

Feet	Gauge	Cat. No.	Each
24	18	42-2452	4.29
24	24	42-2450	2.29
12	24	42-2449	2.19

Mini Plug-to-Lug Cable

2¹⁹



1/8" Mini Phone Plug

Feet	Gauge	Cat. No.	Each
12	24	42-2454	2.19

Phono Plug Cables

Low
As

2⁶⁹

RCA-Type Plugs
At Each End

Put Speakers Anywhere!

Length	Color	Gauge	Cat. No.	Each
50 ft.	Brown	18	42-2480	8.49
24 ft.	Brown	18	42-2478	4.69
12 ft.	Brown	18	42-2479	3.69
24 ft.	Gray	24	42-2392	3.19
24 ft.	White	24	42-2430	3.19
12 ft.	Gray	24	42-2445	2.69
12 ft.	White	24	42-2431	2.69

Speaker Cable With Pin Connectors

NEW
FOR '84

4⁶⁹



Top-quality 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminal connectors. Pins have color-coded molded finger grips. 24 feet long.

42-2455 4.69

STEREO HEADPHONES SURROUND YOU WITH MUSIC

- 20-20,000 Hz
- Volume/Balance Controls
- 30-18,000 Hz
- Large Elements For Solid Bass
- 50-15,000 Hz
- Glide-Path® Controls
- High Efficiency
- Budget Priced

3195



2495



1995



1495



A Realistic Nova-PRO. Great stereo sound at your fingertips! Dual controls let you adjust the volume and balance without leaving your chair. Rugged vinyl drivers, comfortable foam-filled earcushions and padded, adjustable headband. 10-ft. coiled cord. 33-1014 31.95

B Realistic Nova-40. 3 1/2" drivers deliver full-range sound from deep, rich bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 10-ft. coiled cord. 33-993 24.95

C Realistic Nova-16. Lightweight for hours of listening pleasure. Adjustable left and right volume levels, balance. Foam-padded, adjustable headband and air-cushion earpads. 6 1/2-foot cord. 33-1019 19.95

D Realistic Nova-10. Enjoy private stereo with one of our lowest-priced headphones! The 2" drivers provide full bass, and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 6 1/2-foot cord. 33-1012 14.95

Headphones Include 1/4" Plug
Designed for Low-Impedance Use

Add Listening Convenience With Earphones and Headphone Accessories

Earphone With 10-Foot Cord



NEW FOR 84

299

Fits most portable TVs and recorders. Includes ear hanger clip, 1/8" plug. 33-177 2.99



Stereo/Mono Headset
995

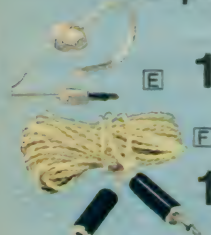
Dynamic Elements
Lightweight under-chin design. Ideal for dictation or music. 1/4" plug. 8 ohms. 33-196 9.95



Pillow Speaker
299
Perfect for Clock Radios

Listen while resting without bothering others. 1/8" mini plug. 33-206 2.99

Earphones & Extension



149

E Fits most portable radios and recorders. 3/32" Plug. 33-174 1.49

F

1/8" Plug. 33-175 1.49

199

F 20-foot Extension. 1/8" jack and plug. 33-176 1.99



Nova-Fone™ Earphone

699

- Comfortable
- Wide Response

A speaker that completely covers your ear—you hear full-range sound. 1/8" plug fits many portables. 8 ohms. 33-1036 6.99



Pillow Speaker With Volume Control
499

Slips under pillow for private listening. 1/8" mini plug fits earphone jack of most clock radios and cassette portables. 33-207 4.99

Coiled 24-Foot Cable Extension



799

Lets you move about freely. Heavy-duty cable with 1/4" stereo plug and inline jack. 42-2443 7.99

20-Foot Extension, 1/4" Plug and Jack



569

You can easily listen anywhere in the room. Non-coiled flexible cable with 1/4" stereo plug and inline jack. 42-2442 5.69

20-Foot Extension 1/8" to 1/4" Adapter



ONE OF OVER 350 NEW LOW PRICES

499

Was \$5.99 in 1983 Catalog

Connects 1/8" stereo mini jack to 1/4" stereo plug. Use your lightweight headphones at home. 42-2460 4.99

3-Foot Headphone Y-Adapter



Share the Music **499**

Private stereo for two. Connects two headphones to a single 1/4" stereo phone jack. 42-2448 4.99

Phone Coupler



Enjoy Private Headphone Stereo **299**

For equipment having no headphone jack—attaches quickly to speaker terminals. 33-1009 2.99

LIGHTWEIGHT HEADPHONES FOR HOME & ON-THE-GO

Add Comfort and Privacy to Your Home Hi-Fi Listening

A Realistic PRO-60. Our finest! Variable-density earcushions fit comfortably around your ear. Feature an "acoustic resistance" for solid bass response with open, transparent midrange and treble. Low distortion—less than 0.5% THD. 10-foot coiled cord. 1/4" plug. 33-999 ... **49.95**

B Realistic LV-10. Unique electro-acoustical design and 2" dynamic elements deliver all the punch of a "live" rock concert with low distortion. Soft-foam earcushions for hours of comfortable listening. 10-foot lightweight coiled cord. 1/4" plug. 33-1004 ... **39.95**

C Realistic PRO-30. Low-profile phones are light on the ears and the budget. Low-mass drivers deliver excellent transient response—you hear your favorite music with no coloration. 10-foot lightweight coiled cord. 1/4" plug. 33-995 ... **29.95**

- 15-30,000 Hz
- Less Than Eight Ounces

ONE OF OVER **350** NEW LOW PRICES

49.95

Was \$54.95 in 1983 Catalog



- 20-20,000 Hz
- Foam Earcushions
- Under 10 Ounces

ONE OF OVER **350** NEW LOW PRICES

39.95

Was \$41.95 in 1983 Catalog



- 20-20,000 Hz Response
- Planar Drivers

ONE OF OVER **350** NEW LOW PRICES

29.95

Was \$34.95 in 1983 Catalog



Micro-in-Ear Stereo Earphones



12.95



Slips into outer ear

- 50-20,000 Hz Response
- Weighs Just 0.6 Ounce

Our lightest! Great-sounding phones fit inside ear—no headband. Foam cushions, 4-foot cord, 1/8" plug. With carry pouch. 33-977 ... **12.95**

Low-Cost Stereo Headphones

NEW FOR 84

9.95

Ideal For Personal Portables



Realistic Nova®-33. Our lowest priced! Super lightweight design—just 1 1/4 oz. Wide 50-20,000 Hz response. Foam earcushions. 1/8" plug. 4-ft. cord. 33-976 ... **9.95**

Lightweight Micro-Headphones

ONE OF OVER **350** NEW LOW PRICES

13.95

Was \$14.95 in 1983 Catalog

- 50-20,000 Hz
- Weigh Less Than 3 Oz.
- Foam Earpads
- Adjustable Headband

Realistic Nova-35. 5-foot cord. 1/8" plug. 33-1035 ... **13.95**
Realistic Nova-50. 1/4" plug. 6 1/2-foot cord. Was \$19.95 in 1983 Catalog. 33-998 ... **17.95**



Handy "Fold-Up" Micro-Headphones

ONE OF OVER **350** NEW LOW PRICES

19.95

Was \$21.95 in 1983 Catalog

- 50-20,000 Hz
- 6 1/2-Foot Cord

Realistic Nova-52. Ideal for portable stereos. 1/8" plug. 2.5 oz. 33-979 ... **19.95**
Nova-51. As above, but with 1/4" plug, 3 oz. 33-978 ... **19.95**



Mini Adapter



2.59

1/4" Stereo Jack to 1/8" Stereo Plug
Headphone adapter lets you use your regular stereo phones with your personal portable. 274-366 ... **2.59**

1/8" to 1/4" Adapters



NEW FOR 84

Low As **2.39**

C Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-371 ... **2.59**
D As above, but straight-line. 274-367 ... **2.39**

Mini Right-Angle Adapter



NEW FOR 84

1.99

1/8" stereo phone jack to 1/8" stereo phone plug. 90° bend. For stereo or mono. 274-372 ... **1.99**

Mini Plug Y-Adapter



ONE OF OVER **350** NEW LOW PRICES

2.69

Was \$2.99 in 1983 Catalog
3-conductor plug adapts two 1/8" stereo plugs to one 1/4" stereo plug. 274-313 ... **2.69**

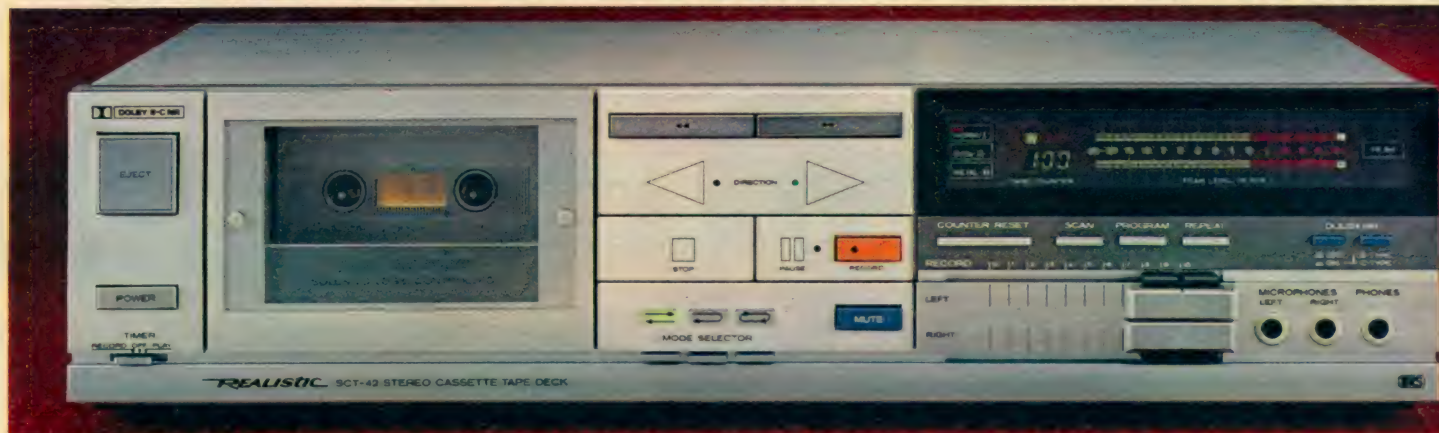
Mono to Stereo Mini Adapter



Listen With Both Ears **1.19**

1/8" mono phone jack to 1/8" stereo phone plug—adapts stereo mini-phones to mono jack. 274-368 ... **1.19**

AUTO-REVERSE PROGRAMMABLE CASSETTE DECK



**NEW
FOR '84**

299⁹⁵

Only \$27 Per Month
On CitiLine Credit

Available Sept. 30, 1983

Realistic SCT-42. Our best—the new standard in tape control and convenience! Programmable memory skips over unwanted sections—you hear only the songs you desire, in the order you choose. Sample ten seconds of each cut in the scan mode. Repeat a portion of the tape—using both sides if you wish—up to fifteen times. Oversized solenoid “feather-touch” controls let you switch from fast-forward or rewind to play without tape jams. Record mute eliminates noise when editing. Separate sliding record level controls, digital

- Solenoid Logic-Controlled • Automatic Metal/CrO₂/Normal Bias Selector
- 2-Color, 14-Segment Fluorescent Peak Level Meter • Dolby* B-C NR

fluorescent tape counter, two mike jacks. Lighted mode selector lets you choose one side, both sides, or continuous playback of both sides. U.L. listed. **14-628** **299.95**

Specifications

Response ± 3 dB: 45-18,000 Hz (metal), 45-17,000 Hz (CrO₂), 45-17,000 Hz (normal). **Wow and Flutter:** 0.04% WRMS. **S/N:** 75 dB Dolby C; 67 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Rotating Permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ x 17¹/₁₆ x 11¹/₁₆”. *TM Dolby Laboratories Licensing Corp.



Realistic SCT-500A. Automatic Search Music System takes you quickly to the previous or next tape selection. Dolby greatly reduces tape hiss and increases dynamic range. Features metal/CrO₂/normal bias pushbuttons, dual-concentric record level controls, mike/line input selector. U.L. listed. **14-621** **219.95**

Full-Logic Deck With Dolby B-C and Automatic Search

**NEW
FOR '84**

219⁹⁵

- Feather-Touch Solenoid Controls
- 2-Color, 8-Segment LED Level Meter

Specifications

Response ± 3 dB: 25-17,000 Hz (metal), 25-16,000 Hz (CrO₂), 25-16,000 Hz (normal). **Wow and Flutter:** 0.05% WRMS. **S/N:** 75 dB Dolby C; 66 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ x 16¹/₁₆ x 9¹/₁₆”.



Realistic SCT-40. Loaded with features! Separate right and left record level controls, metal/CrO₂/normal bias pushbuttons, 3-digit tape counter, LED record, pause and power indicators. MPX filter for clean FM stereo recordings. Adjustable output, mike/line input selector. U.L. listed. **14-622** **179.95**

Value-Priced Deck With Solenoid Logic-Controlled Operation

**NEW
FOR '84**

179⁹⁵

- Automatic Search • Dolby B-C NR
- 2-Color, 8-Segment LED Level Meter

Specifications

Response ± 3 dB: 27-17,000 Hz (metal), 27-16,000 (CrO₂), 27-16,000 (normal). **Wow and Flutter:** 0.05% WRMS. **S/N:** 74 dB Dolby C, 65 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ x 16¹/₁₆ x 9¹/₁₆”.

HIGH-SPEED DUBBING STEREO CASSETTE DECK



ONE
OF
OVER
NEW LOW PRICES

350
279⁹⁵

Was \$339.95 in
1983 Catalog
Only \$26 Per Month
On CitiLine Credit

- Make High-Quality Copies in Half the Time • Dolby B NR
- Automatic Search • 2-Color, 5-Segment LED Peak Meter

Realistic SCT-28. Now you can duplicate cassettes easily—material on the tape in Deck-1 is electronically transferred to Deck-2 at twice normal speed! Or listen to two cassettes in sequence for continuous music. Both decks feature "soft-touch" controls. Playback-only Deck-1 automatically selects the correct EQ setting. Deck-2 has full record and play capability, with pushbuttons for metal, CrO₂ and normal cassettes, a fine bias control and dual-concentric level controls. Record mute button lets you edit out errors or record silence

between selections. LED Dolby, dubbing, continuous play, pause and record indicators. Rear-panel output level control. U.L. listed.

14-641 279.95

Specifications

Response ± 3 dB: 30-19,000 Hz (metal), 30-18,000 Hz (CrO₂), 30-15,000 Hz (normal). **Wow and Flutter:** 0.07% WRMS. **S/N:** 65 dB (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD. **Deck 1 Play Head:** Hard permalloy. **Deck 2 Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ x 16¹/₂ x 9¹³/₁₆".

"Soft-Touch" Cassette Deck With Dolby B-C Noise Reduction

NEW
FOR '84

159⁹⁵

Available
Sept. 30, 1983

- Automatic Search Music System
- 2-Color, 7-LED Record Level Meter



Specifications

Response ± 3 dB: 25-17,000 Hz (metal), 25-16,000 Hz (CrO₂), 25-15,000 Hz (normal). **Wow and Flutter:** 0.08% WRMS. **S/N:** 73 dB Dolby C; 64 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ x 15³/₈ x 8¹/₄".

Realistic SCT-41. Automatic Search takes you to the next or previous selection at the touch of a button. Bias and EQ selectors for metal, CrO₂ or normal tapes, switchable MPX filter for clean FM stereo recordings. Separate record level controls, tape counter. U.L. listed.

14-627 159.95

Lowest-Priced Cassette Deck With Dolby B Noise Reduction

ONE
OF
OVER
NEW LOW PRICES

119⁹⁵

Was \$129.95 in 1983 Catalog

- 2-Color, Fast-Response LED Meters
- MPX Filter Cleans Up FM Stereo



Specifications

Response ± 3 dB: 30-14,000 Hz (metal), 30-14,000 Hz (CrO₂), 30-12,000 Hz (normal). **Wow and Flutter:** Less than 0.15% WRMS. **S/N:** 64 dB (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 4⁷/₈ x 15³/₈ x 9".

Realistic SCT-24A. A high-performance basic deck with surprising features! Dolby B extends dynamic range and lowers hiss. Bias and EQ selectors for metal, CrO₂ and normal tapes. Soft-eject cassette door, 3-digit counter. Adjustable output level and mike/line input selector. U.L. listed.

See Pages 32, 33 and 50 for a Complete Selection of Headphones and Microphones

WE'VE GOT THE PLAY/RECORD TAPE DECK YOU WANT



Auto-Reverse Stereo Cassette Playback Deck for Continuous Music

99⁹⁵

- Plays Both Sides of Cassette—Automatically
- Selector for Normal and CrO₂/Metal Tapes

Realistic SCP-5. Adds cassette listening to any system with aux or tape jacks. Special Auto-Reverse feature lets you play both sides of a tape for hours of continuous background music. LED tape direction indicator, tape selector switch and output level control. Pushbuttons for program, rewind, fast-forward and eject. Simulated walnut. 2³/₈ x 8¹/₄ x 9". U.L. listed. 14-619 99.95

Stereo Record/Play Cassette Deck

79⁹⁵



- Auto-Level for Perfect Recordings—Every Time
- Normal/CrO₂ Tape Selector Switch With LED Indicator

Realistic SCT-25. Compact and easy to use. Record your own tapes from radio or phono. Make "live" recordings, too—just add mikes. Pause, tape counter, Auto-Stop, adjustable output level, LED record indicator. Attaches to receiver or amplifier tape jacks. Simulated walnut. 3¹/₂ x 5⁷/₈ x 9". U.L. listed. 14-616 79.95

Low-Cost Stereo Cassette Playback Deck

49⁹⁵

- Adjustable Output Level
- End-of-Tape Auto-Stop
- Simply Plug In to Your System's Tape Jacks and Play

Realistic SCP-3. Here's an affordable way to add exciting cassette listening to your system. Features positive push-key controls. Plays all standard cassettes. Auto-Stop prevents damage to tapes. Simulated walnut. 3¹/₂ x 5⁷/₈ x 9". U.L. listed. 14-617 49.95



AM/FM Stereo 8-Track Portable Player—Enjoy Your Favorite Music Anywhere



99⁹⁵

- Glide-Path® Volume/Balance Controls
- Stereo-Wide Switch for Improved Separation

Concertmate®-8. Versatile portable plays your favorite 8-track tapes, FM stereo or AM at picnics, on the beach—wherever you go! Features LED program indicators, tone control, headphone jack. 8¹/₂ x 13¹/₂ x 4¹/₂". U.L. listed AC operation or eight "D" batteries (not incl.) or optional DC cord. 14-905 99.95

Stereo 8-Track Play Deck



49⁹⁵

- Play Your Car Tapes at Home
- LED Program Indicators

Realistic TR-169. Add 8-track playback to your system and enjoy the convenience of continuous background music. It's also great for "second" systems or tape dubbing. Automatic or manual program change, adjustable output level control. Plugs into your system's tape jacks. 7 x 10 x 4". Simulated walnut. U.L. listed. 14-935 49.95

PORTABLE AM/FM STEREO CASSETTE RECORDERS

Detachable 2-Way Speakers, Each With 5" Woofer and 1½" Tweeter

**NEW
FOR '84**

**LAB-90 Micro
Turntable**



59⁹⁵

The perfect addition to play LP's and 45's through the Modulaire 1000. (See page 26 for full details).



- Dolby® B Noise Reduction • Metal/CrO₂/Normal Tape Selector • Soft-Touch Buttons
- Two 7-LED Record Level Meters • Full Auto-Stop • LED Tuning Indicator

279⁹⁵

Only \$26 Per Month
On CitiLine Credit

*TM Dolby Laboratories
Licensing Corp.

Realistic Modulaire®-1000. A 10-watt stereo component system "to go." Record great-sounding Dolbyized cassettes from radio, optional turntable (above) or "live" with the two built-in condenser mikes. Cassette features separate record level controls, or use ALC (automatic level control) for perfect-volume tapes the easy way. Also features Cue/Review, tape counter and soft-damped cassette door. Separate bass and treble controls. Jacks for headphone, external mikes, magnetic-cartridge turntable, aux and external speakers. Rugged molded case with carry handle. Size (including speakers): 9³/₁₆ × 24¹³/₁₆ × 5³/₁₆" U.L. listed AC operation, 10 "D" batteries (not incl.) or DC adapter.

14-773

279.95

Low-Priced AM/FM Stereo Cassette "Carry Around" Component System

- Automatic Record Level for Perfect Recordings Every Time
- Soft-Touch Buttons
- 5-LED Audio/Record Level Meter

**NEW
FOR '84**

169⁹⁵

"Spread-Out" Your
Music With the
Detachable 2-Way
Speakers—Each
With 5" Woofer,
1½" Tweeter



Realistic Modulette®-500. This value-priced, great-sounding 4-watt system is packed with features. Cassette deck has full Auto-Stop, tape counter and pause control to make recording easy. Tuner features FM stereo, tuning and power/battery LEDs. Telescoping antenna, plus jacks for external speakers, headphones and external mikes. Size (including speakers): 8³/₈ × 22¹³/₃₂ × 6³/₁₆". U.L. listed AC operation, eight "D" batteries (not incl.) or DC adapter. 14-782

169.95

Radio Shack CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

37

AM/FM STEREO CASSETTE RECORDERS-TO GO

Our Portable Sound Rivals Home Hi-Fi



249⁹⁵

Only \$26 Per Month
On CitiLine Credit

- Automatic Search Music System
- Powerful 10-Watt Amplifier
- Soft-Touch Cassette Pushbuttons
- 24-LED Audio Level Indicator
- 6" Woofers • Solid-State Tweeters

Realistic SCR-8. Take big 2-way speaker sound along! Auto-Search advances tape to the next selection or replays a selection with the push of a button. Record CrO₂/hi-bias or normal cassettes directly off-the-air or with the built-in mikes. Auto-Level sets recording volume and there's a pause button for editing. Stereo-Wide™ adds life-like depth to the stereo image. Loudness switch increases bass response at low volume. LED search-mode/battery-condition/record indicators. Aux inputs. Jacks for extra speakers, mikes and headphone. Metal brackets for optional shoulder strap. 10¹/₂ x 17¹/₂ x 5". U.L. listed AC operation, eight "D" batteries (not incl.) or optional DC cord. **14-778 . . 249.95**

2-Way Speaker Systems for Superb Sound



**NEW
FOR '84**

179⁹⁵

- Separate 5¹/₄" Woofers and Solid-State Tweeters
- Automatic Search Music System Helps Find Selections
- 12-Segment LED Meter for Power, Battery and VU

Realistic SCR-10. Hear your favorite music anywhere! Records off-the-air or "live" with built-in condenser mikes. Variable monitor lets you listen at any volume while taping. Loudness switch, FM stereo indicator, variable tone control. Ample 4 watts audio output. Auto-Level recording with Auto-Stop at end of tape, 3-digit tape counter. 9³/₈ x 19⁵/₈ x 5". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. **14-780 179.95**

Slim-Styled and Packed With Features



**NEW
FOR '84**

119⁹⁵

- Soft-Eject Cassette Door • Variable Monitor System
- Variable Tone Control and Built-In Loudness
- LED Indicator for Record/Battery and FM Stereo

Realistic SCR-11. Lightweight streamlined design makes it easy to tote around. Record stereo cassettes directly off-the-air, with built-in condenser mikes or from aux input. Has pause control for easy editing, tape counter, Auto-Level and jacks for remote mikes, stereo headphone. 5¹/₂ x 15⁷/₈ x 3³/₈". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. **14-781 119.95**

Finally! Big Stereo Sound in a Small Package!

3-Way Power: All Recorders on These Two Pages Operate on Batteries or External AC or DC

VALUES IN AM/FM STEREO CASSETTE RECORDERS

Our Lowest Priced With 2-Way Speakers



Available Sept. 30, 1983

**NEW
FOR '84**

99⁹⁵

LED Indicators for
Power/Battery and FM Stereo

Realistic SCR-12. Deluxe features + low price = great value! Records off radio or with built-in mikes. Variable monitor for listening at any volume while taping off tuner. $8\frac{1}{4} \times 16\frac{1}{2} \times 3\frac{3}{4}$ ". U.L. listed AC operation, nine "C" batteries (not incl.) or optional DC adapter. 14-783 99.95

Our Lowest Priced With Dual Speakers



**ONE
OF
OVER 350
NEW LOW PRICES**

79⁹⁵

Was \$99.95 in 1983 Catalog "Sleep" Switch
for Radio Auto-Shutoff

Realistic SCR-9. Want to doze off to radio? Just insert a cassette of desired length and set "sleep" switch—radio turns off at end of tape. Five-LED audio level meter, built-in electret mikes, Auto-Level recording Glide-Path® volume/balance controls. $8 \times 15\frac{1}{2} \times 3\frac{1}{2}$ ". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-779 79.95

Triple Play® Portable AM/FM Radio Cassette Recorders

Budget-Priced Solid Performer

AC/Battery for Home or Away

High-Style Ultra-Compact Size



49⁹⁵

- Auto Record Level
- Tone Control
- Full Auto-Stop

Realistic CTR-61. Make great-sounding tapes directly from AM/FM or "live" with built-in electret mike. Jacks for remote mike, external speaker. $7\frac{1}{2} \times 10\frac{3}{4} \times 3$ ". Requires four "C" batteries or AC or DC adapter. 14-1001 49.95



**ONE
OF
OVER 350
NEW LOW PRICES**

59⁹⁵

Was \$69.95 in 1983 Catalog

- 3-Way Power
- Auto-Level • Auto-Stop

Realistic CTR-59. Take this rugged performer on your next outing. Records off-the-air or with built-in mike. Tone control. $8\frac{1}{4} \times 12\frac{1}{2} \times 3\frac{1}{2}$ ". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. 14-1009 59.95



**NEW
FOR '84**

79⁹⁵

- Variable Monitor—Listen As You Record
- Audible Cue/Review Function

Realistic Minisette®-12. Make "live" or "off-the-air" tapes. Cassette deck has pause, Auto-Level. "Sleep" switch, tone control, $2\frac{1}{2}$ " dynamic speaker. $5\frac{1}{8} \times 9\frac{1}{8} \times 2\frac{1}{4}$ ". Requires six "AA" batteries or AC or DC adapter. 14-1012 79.95

See Page 41 for Our Complete Selection of DC and AC Power Cords and Adapters

RECORDER WITH VSC* CUTS PLAYBACK TIME IN HALF



Now You Can "Speed-Listen" at Up to Twice the Normal Speed—With Total Comprehension!

**NEW
FOR '84**

119⁹⁵

- Amazing Time-Saver for Businessmen, Students and the Visually Impaired
- "Speed-Listen" to Talking Books and Educational Tapes—Works With Any Spoken-Word Cassette
- In/Out Switch Lets You Return to Normal-Speed Without Resetting Controls

What is VSC?

In the past, speeding up a tape recording produced high-pitched "chipmunk" sounds. Now, with Variable Speech Control, you can play a cassette at up to twice the regular speed and still understand every word! The "magic" is a special patented circuit that electronically corrects pitch and shortens pauses between words. For example, you can record an hour-long lecture, business meeting or news program and listen to it later in only 30 minutes! And, since VSC works with spoken-word cassettes recorded on any machine, you can "speed-listen" to talking books, educational tapes and much more.

Realistic® VSC-1000. The most versatile cassette recorder we've ever offered! Brings you time-saving VSC at a breakthrough low price. One slide-action control adjusts playback from 80% to two-times normal speed. Another slide control adjusts pitch for easy understanding. A switch takes you from "speed-listening" to normal speed and back without affecting settings. All the "standard" features, too. Pause control for easy editing while you record, cue/review and tape counter to help find selections, end-of-tape Auto-Stop, automatic record-level control. Has a built-in electret mike, LED record/battery indicator, jacks for remote control mike, aux input, stereo/mono headphone with 1/4" plug, and an external speaker. 2 1/4 x 10 x 6 7/8". U.L. listed AC operation, six "C" batteries (not incl.), or optional DC adapter. **14-1002** **119.95**

*VSC and Variable Speech Control are trademarks of Variable Speech Control Co.

Personal-Size Recorder With Cue/Review



59⁹⁵

Was \$69.95 in 1983 Catalog

**ONE
OF
OVER
350
NEW LOW PRICES**

- Built-In Electret Mike
- Auto-Level • Auto-Stop

Realistic CTR-58. Cue/review and tape counter help you locate selections. Features a pause control for easy editing while you record, LED battery condition/record indicator, jacks for remote control mike, external speaker. 4 1/4 x 6 3/4 x 2". Requires four "AA" batteries or AC or DC adapter. **14-1008** **59.95**

Ultra-Slim Recorder With Variable Tone Control



59⁹⁵

Was \$69.95 in 1983 Catalog

**ONE
OF
OVER
350
NEW LOW PRICES**

- Cue/Review Locator
- Auto-Stop • Auto-Level

Realistic Miniset®-9. No bigger than a small book, yet has big features. Built-in electret mike, pause control, tape counter, LED record/battery indicator. Jacks for remote control mike, external speaker. 1 5/16 x 7 3/16 x 4 9/16". Requires four "AA" batteries or AC or DC adapter. **14-812** **59.95**

Desktop Recorder With Switchable Auto-Level



69⁹⁵

- Cue/Review • Auto-Stop
- Pause and Tone Controls

Realistic CTR-51. Select Auto-Level for voice or manual record level for high-quality music tapes. Record-level/battery meter, electret mike, tape counter. Jacks: remote mike, aux input, external speaker. 2 3/16 x 10 x 6 7/8". U.L. listed AC operation, four "C" batteries (not incl.) or DC adapter. **14-813** **69.95**

"TAKE-ALONG" CASSETTE RECORDERS AND PLAYERS

Slim-Style Portables With Built-In Electret Mikes and Slide-Out Handles

- A Realistic CTR-60.** Tape counter and cue/review make it easy to find specific selections on your tapes. Features Auto-Stop, Auto-Level, tone control, LED battery condition/record indicator, jacks for remote mike, aux input, external speaker. 2 x 5 1/2 x 10 1/2". U.L. listed AC operation, four "C" batteries (not incl.), or optional DC adapter. 14-1010 49.95

B Realistic CTR-56. Three-way power! You can save on batteries when you use it at home or in your car. Features jacks for remote control mike, external speaker, plus aux input for recording directly from a radio or phono. Auto-Level sets recording volume for you and Auto-Stop at end of tape helps prevent damage to cassettes. 2 x 5 3/4 x 10 1/2". U.L. listed AC operation, four "C" batteries (not incl.) or optional DC adapter. 14-1006 34.95

C Realistic CTR-55. A dependable "electronic note-taker" featuring end-of-tape Auto-Stop to save batteries and tapes, plus convenient automatic record-level setting. Has jacks for remote control mike, external speaker, aux input. 2 x 5 3/4 x 10 1/2". Requires four "C" batteries or AC or DC adapter. 14-1005 27.95



A 49⁹⁵

- Aux Input
- Tone Control

B 34⁹⁵

ONE OF OVER 350 NEW LOW PRICES

- Auto-Level
- Auto-Stop

Was \$39.95 in 1983 Catalog

C 27⁹⁵

ONE OF OVER 350 NEW LOW PRICES

Great Value For Students

Was \$31.95 in 1983 Catalog

AC and DC Adapters Save Batteries

Save money by operating your recorder from house current or 12 volts DC mobile power.

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-773	*	270-1534
14-778	*	270-1534
14-779	*	14-844
14-780	*	270-1534
14-781	*	14-844
14-782	*	14-844
14-783	*	14-844
14-812	273-1454	14-844
14-813	*	14-844
14-845	273-1454	14-844
14-905	*	270-1534
14-1001	273-1454	14-844
14-1002	*	14-844
14-1004	273-1454	14-844
14-1005	273-1454	14-844
14-1006	*	14-844
14-1008	273-1454	14-844
14-1009	*	14-844
14-1010	*	14-844
14-1011	273-1454	14-844
14-1012	273-1455	14-844
14-1014	273-1454	14-844
14-1016	273-1435	270-1560
14-1017	273-1435	270-1560
14-1021	273-1435	270-1560
14-1022	273-1435	270-1560
14-1023	273-1454	14-844
14-1025	273-1454	14-844

*Not required. AC power supply built-in. See page 113 for description of AC and DC adapters.

Easy-to-Use Cassette Recorder for Kids

- Hi/Lo Tone Switch
- Color-Coded Controls

NEW FOR '84 34⁹⁵



Realistic CTR-64. Lets children capture the sounds they hear with an electret mike that looks like a strawberry! Built-in speaker, jacks for mike, external power and ear-phone, adjustable shoulder strap. Extra-durable molded case with storage space for strap and five tapes. Only 3 1/4 x 11 5/8 x 9". Requires four "C" batteries or AC or DC adapter. 14-1004 34.95

Portable Music Players for Youngsters

- End-of-Tape Auto-Stop
- Adjustable Carry Straps

- D 27⁹⁵**

Cassette Player

NEW FOR '84

E 34⁹⁵

Cassette Player With AM/FM Radio
- D Realistic CTP-5.** Simple for kids to use. Starts playing when a cassette is inserted, turns off at end of tape. Has fast-forward/eject button, jacks for external speaker/earphone, external power. 5 5/8 x 8 15/16 x 2 3/16". Requires four C batteries or AC or DC adapter. 14-845 27.95
- E Realistic CTP-7.** Features of above plus built-in AM/FM radio with a wide slide-rule dial and telescoping antenna. 5 1/2 x 8 3/8 x 2 1/16". 14-1023 34.95



PERSONAL PORTABLE STEREO CASSETTE PLAYERS

Our Best! With Dolby® B Noise Reduction

Budget-Priced Cassette Players



A

NEW
FOR 84

99⁹⁵

- AM/FM Stereo Tuner
- Metal/CrO₂-Normal Switch



NEW
FOR 84

69⁹⁵

- Metal/CrO₂-Normal Switch
- LED Low-Battery Indicator

A Realistic SCP-10. We've included the AM/FM stereo tuner to create this ultra-portable—no extra radio packs to carry. Features individual channel volume controls and FM mono switch for best reception of weak or distant stations. End-of-tape Auto-Stop and power-off when headphones are unplugged save battery life. LED FM stereo and low-battery indicators. 1/8" headphone jack. 5 13/16 x 3 3/8 x 1 3/8". Requires two "AA" batteries or AC or DC adapter. 14-1022 99.95

B Realistic SCP-9. Play your Dolbyized® tapes while on the go, and get the same high performance you get from your home system. Convenient thumbwheel rotary volume/balance controls, Auto-Stop. 1/8" headphone jack. 5 3/16 x 3 3/8 x 1 1/4". Requires two "AA" batteries or AC or DC adapter. Or use the built-in recharger for optional nickel-cadmium batteries. 14-1021 69.95



B

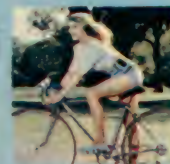


C

NEW
FOR 84

59⁹⁵

- Metal/CrO₂-Normal Switch
- Full Auto-Stop



NEW
FOR 84

29⁹⁵

Available Sept. 30, 1983

- Auto-Stop
- Belt Clip

C Realistic SCP-8. Enjoy stereo music while traveling, jogging, or working outdoors—so small it goes with you anywhere. You get simple one-hand operation of all tape transport controls, plus volume and balance. Full Auto-Stop, Cue/Review, LED low-battery indicator. 1/8" headphone jack. 5 1/4 x 3 3/8 x 1 1/8". Requires three "AA" batteries or AC or DC adapter. 14-1014 59.95

D Realistic SCP-11. Play your favorite standard cassettes at an incredibly low Shack price. Full-function cassette player with play, stop, fast forward and rewind functions. Auto-Stop. 1/8" headphone jack. 5 3/8 x 3 1/2 x 1 5/16". Requires three "AA" batteries or AC or DC adapter. 14-1025 29.95

All Stereo-Mate™ cassette players include vinyl carry case, shoulder strap, and require headphones *TM Dolby Laboratories Licensing Corp



Includes carry case and strap



Records
"Live" in Stereo!

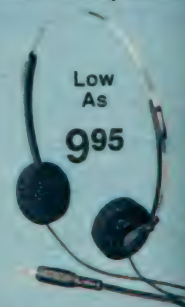
Portable Stereo Cassette Deck

99⁹⁵

- Two Built-In Condenser Microphones
- Glide-Path® Volume/Balance Controls
- Built-In Speaker for Mono Playback Or Add a Pair of Stereo Headphones

Realistic Minisette®-11. Take it anywhere! Features Auto-Level, pause, tape counter and Cue/Review for easy editing. Normal/CrO₂ tape selector switch. End-of-tape Auto-Stop and LED low-battery/record indicator. 1 7/16 x 8 5/32 x 4 9/32". Aux/external stereo mike inputs. Requires four "AA" batteries or AC or DC adapter. 14-1011 99.95

Micro-Headphones



Low
As
99⁹⁵

See Page 33 for our wide selection

MICRO-CASSETTE DICTATING/TRANSCRIBING SYSTEM



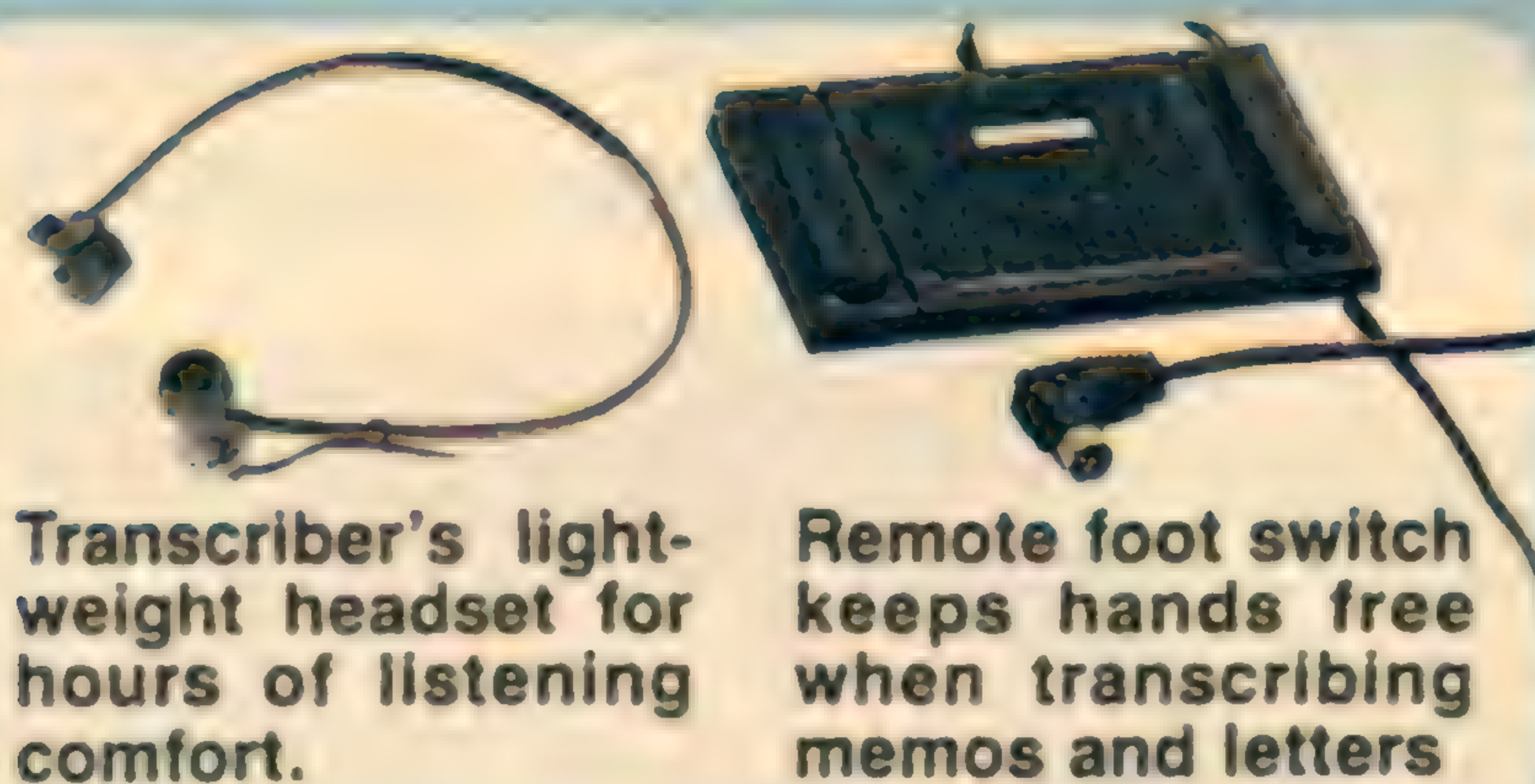
Remote Control Handset With
Built-in Speaker and Mike

**NEW
FOR '84**

279⁹⁵

Only \$26 Per Month
On CitiLine Credit

- Full-Logic Solenoid Controls
- Two Speeds for Up to 2 Hours Total Recording Time
- Full Electronic Cueing
- Adjustable Backspace Control
- Telephone Recording Capability



Transcriber's light-weight headset for hours of listening comfort.

Remote foot switch keeps hands free when transcribing memos and letters

Realistic Micro-1000. Radio Shack makes the latest in office technology affordable! Dictation recording is easy with 3-digit tape counter, Auto-Level, electronic cueing tone, LED record indicator and end-of-tape warning tone. Condenser mike and dictate/rewind/start-lock/cueing controls are conveniently located in the remote-control handset. Also features adjustable playback speed and backspace to match different typing speeds, plus foot pedal control of play/rewind/stop. Volume, tone controls, conference/dictate sensitivity switch, LED function indicators. 2 x 9 1/4 x 7 3/16". U.L. listed AC operation. 14-500 279.95

Pocket-Size Cassette Recorders—Great for Home, Office or School

Mini-Cassette Recorder

Versatile Two-Speed Micro-Cassette Recorders



Built-In Mike and
Auto-Level for
Perfect Recordings

49⁹⁵

Realistic Miniset. Slide controls allow easy one-hand operation. "Cue" button helps locate passages quickly. LED battery/record indicator, wrist strap, earphone. 5 3/4 x 2 1/2 x 1". Requires two "AA" batteries. 14-1015 49.95

**You'll Never Miss
Another Important Word**

A Realistic Micro-10. Record meetings, lectures or take notes—up to two hours of recording time per tape. Features Cue/Review, built-in condenser mike, Auto-Stop, LED record indicator. With earphone. Built-in recharger for optional nickel-cadmium batteries. 5 1/4 x 2 1/4 x 1". Requires two "AA" batteries or AC adapter. 14-1016 59.95

**Feature-Packed for
Professionals On-the-Go**

B Realistic Micro-11. Fits in the tightest spot in your briefcase. One-touch record with Auto-Level for trouble-free, high-quality recordings. Condenser mike for wide-angle pickup. Cue/Review and tape counter help find selections fast. Pause button for "live" editing. Auto-Stop in Play and Record turns unit off, saves battery life and protects tape. 5 1/32 x 2 3/4 x 3/4". Requires two "AA" batteries or AC adapter. 14-1017 99.95



A

**ONE
OF
OVER
350
NEW LOW PRICES**

Was 69.95 in
1983 Catalog

59⁹⁵



B

**NEW
FOR '84**

99⁹⁵

Mini-Cassette Recording Tape

Never Miss a Word!
Keep Plenty of
Tapes On-Hand

269

Mini-30. For Miniset, other
rim-drive recorders. 30 min.
44-633 2.69



Micro-Cassette Recording Tape

Up to 120 Minutes
Recording Time

349

MC-60. For Micro-1000, 10 & 11, others. Up to 120 minutes at 1.2cm/sec, 60 minutes at 2.4 cm/sec.

44-640 3.49



VALUE-PRICED RADIO SHACK QUALITY CASSETTES

SUPERTAPE® METAL—State of the Art Recording Tape



ONE
OF
OVER
350
NEW LOW PRICES

Low As
599
C-60

Was \$6.99 in
1983 Catalog

Coercivity (Hc): 1100 Oersteds (Nominal).
Retentivity (Br): 3200 Gauss (Avg.). Dynamic Range: 68 dB.

Our finest! Coated with fine-grain metal particles—not oxide—SUPERTAPE METAL has magnetic properties that give you greater output at both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs. You'll enjoy music reproduction that is virtually indistinguishable from open-reel! For recording on metal-capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.

C-60, 44-960 5.99 C-90, 44-961 6.99

**NEW
FOR '84**

SUPERTAPE HI-BIAS—Improved Dynamic Range



Low As
399 C-60

Special hi-bias Chromium Dioxide formula captures loudest and softest passages, reduces noise. Greater high-frequency room preserves musical "detail". Records on equipment with CrO₂/high bias switch. Plays on all cassette equipment. Head-cleaning leader. Hinged storage box.

Coercivity (Hc): 650 Oersteds (Nominal).
Retentivity (Br): 1850 Gauss (Avg.). Dynamic Range: 64.1 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-940	3.99	3.32	2.95	2.48
C-90	90 minutes	44-941	4.69	4.22	3.76	3.16

SUPERTAPE GOLD—Premium Ferric

Low As **269** C-45



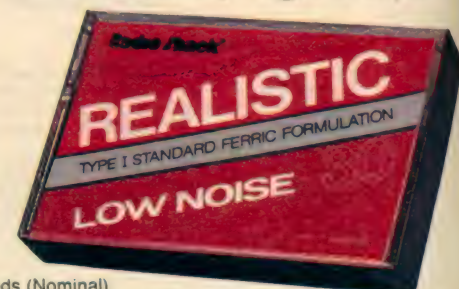
For optimum performance at normal bias, this tape gives you audiophile quality at a popular price. Precision housing cuts wow and flutter. Non-abrasive head-cleaning leader. With hinged storage box.

Coercivity (Hc): 335 Oersteds (Nominal).
Retentivity (Br): 1500 Gauss (Avg.). Dynamic Range: 60.4 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.69	2.39	2.15	1.79
C-60	60 minutes	44-921	2.99	2.69	2.39	1.99
C-90	90 minutes	44-922	3.99	3.59	3.19	2.69
C-120	120 minutes	44-923	4.99	4.49	3.99	3.29

REALISTIC®—Low-Noise, High-Output

Low As **159** C-30



Made with Realistic's exclusive High-Flux Density oxide formula for high output, wide frequency response, low noise and distortion—at low cost! Precision housing reduces wow/flutter. With hinged storage case.

Coercivity (Hc): 320 Oersteds (Nominal).
Retentivity (Br): 1125 Gauss (Avg.). Dynamic Range: 54.5 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.59	1.39	1.25	1.05
C-60	60 minutes	44-602	1.99	1.75	1.59	1.29
C-90	90 minutes	44-603	2.79	2.45	2.19	1.85
C-120	120 minutes	44-604	3.49	3.05	2.79	2.29

concertape®—Quality Sound at Affordable Prices

The smart choice for general purpose recording. Use shorter tapes for "voice letters". Longer cassettes are ideal for note-taking, language study, or recording and playing at home or in car and portable players. Heavy-duty polyester base resists age, humidity, breaks and stretching.



Cassette 3-Packs Singles

Low As **199** C-30
Pkg. of 3



Low As
88¢
C-60

Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	1.99	1.79
C-60	60 minutes	44-607	2.59	2.29
C-90	90 minutes	44-613	3.59	3.19
C-120	120 minutes	44-614	4.99	4.39

Type	Recording Time	Cat. No.	Each
C-60	60 minutes	44-605	.88
C-90	90 minutes	44-620	1.25

269 Mini-Cassettes

15 Minutes Each Side

Mini-30. For rim-drive recorders such as Realistic Miniset, others.



Total Record Time	Cat. No.	Each	
		1-9	10-Up
30 minutes	44-633	2.69	2.29

349 Micro-Cassettes

Up to 60 Minutes Per Side

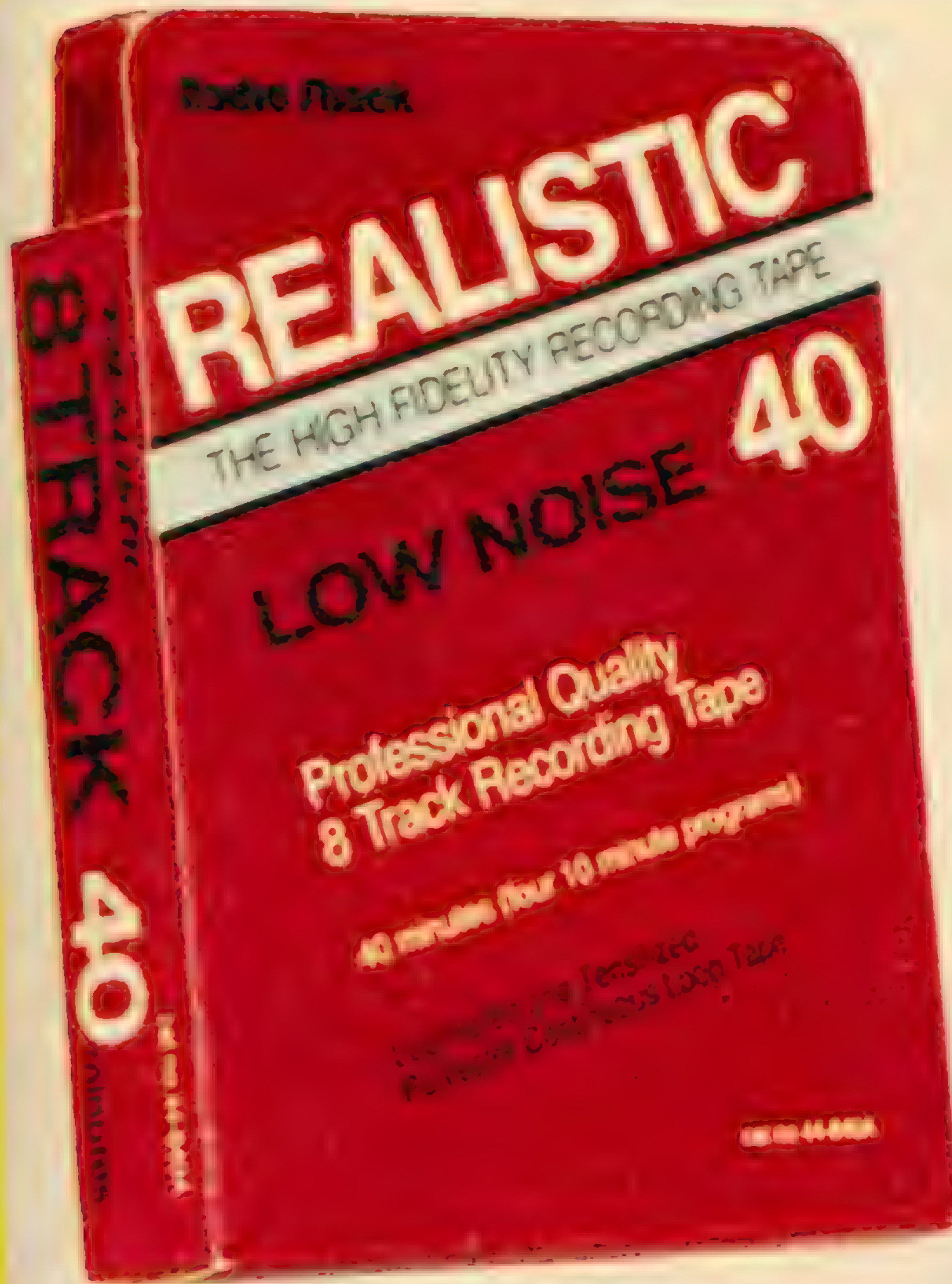
Micro-60. For capstan-drive recorders such as our Micro-10, others.



Total Recording Time		Cat. No.	Each	
2.4cm/sec.	1.2 cm/sec.		1-9	10-Up
60 min.	120 min.	44-640	3.49	2.99

REALISTIC® OPEN-REEL AND 8-TRACK BLANK TAPE

SUPERTAPE® Premium Open-Reel



Low-Cost 8-Track Tape

Low As **1.99** 40 Min.

Our Own Special Formula Oxide Coating Captures More Of the Music With Less Noise

Record your own cartridges for a low-cost music library. Friction-reducing lubricant extends tape life for trouble-free recording and playback. Polyester base resists breaks, stretching, and the effects of age and humidity. A terrific value!

Record Min	Cat No.	Each			
		1-11	12-24	25-49	50-Up
40	44-840	1.99	1.79	1.59	1.39
80	44-841	2.69	2.39	2.15	1.89



Low As **3.99** 5" Reel

Super-Calendered For a Mirror-Like Surface

Get superb sound, without special bias settings. Superior sensitivity and wide frequency response. High tensile strength.

Coercivity (Hc): 300 Oersteds (Nominal). Retentivity (Br): 1220 Gauss (Avg.). Dynamic Range: 63.0 dB.

Reel Size	Feet	Mil	Cat. No.	Each	
				1-9	10-499
5"	900	1.0	44-1872	3.99	3.19
7"	1200	1.5	44-1878	5.79	4.59
7"	1800	1.0	44-1877	6.49	5.19
7"	3600	0.5	44-1880	11.49	9.19

SUPERTAPE Lab Standard 8-Track

3.99 90 Min.

Special Fine-Grain Oxide For Superior Frequency Response

High-output, low-noise formulation reduces "hiss". Back-coated with special lubricant to prevent "jams" for increased tape life. Tough polyester base resists stretching, breaking. 44-843



Each			
1-11	12-24	25-49	50-Up
3.99	3.59	3.19	2.99

REALISTIC Low-Cost, Low-Noise Tape

Low As **1.49** 3" Reel

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and humidity, prevents stretching.



Reel Size	Feet	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
3"	225	1.0	44-734	1.49	1.35	1.25	1.19
5"	900	1.0	44-753	2.99	2.69	2.49	2.39
5"	1200	0.5	44-752	3.99	3.59	3.39	3.19
7"	1800	1.0	44-754	5.49	4.95	4.59	4.39
7"	2400	0.5	44-758	6.49	5.79	5.49	5.19
7"	3600	0.5	44-766	7.99	7.19	6.79	6.39

Open-Reel Recorder Accessories



7" Metal Reel 6.95

Professional Quality

Improves the appearance and performance of any reel recorder! Won't crack, split or warp. With storage box. 44-280 6.95

Tape Reels With Boxes

Low As **59¢**

Plastic reels. With index, timing chart.



Reel	Cat. No.	Each	Reel	Cat. No.	Each
3"	44-273	59	7"	44-279	1.39
5"	44-278	99			

Leader Tape

Ideal for Editing **1.59** Pkg. of 2

Color-coded leader. Two 150-foot reels. 1/4" x 1.5-mil.

44-1053 Pkg. 2/1.59

Tape Reel Holders

Fit Most Recorders

1.19 Pkg. of 2

Keeps reels seated, wobble-free. 44-1068 Pkg. 2/1.19



All-Purpose Budget-Priced concertape

Only **2.49**

Heavy-duty 1-mil polyester base resists breaking and stretching, while giving you extra-wide response. 1800 feet on a 7" reel for extra recording time at low cost. Ideal for off-the-air tapings. Includes storage box. 44-1018 2.49



Ideal for Voice and General-Purpose Recording

HIGH-PERFORMANCE TAPE RECORDING ACCESSORIES

Universal Demagnetizer



**NEW
FOR 84**

9⁹⁵

**Improves Signal-to-Noise Ratio on
Cassette, 8-Track, Open-Reel Tape**

Reduces hiss, protects high-frequency response. Two interchangeable tips can be moved to any angle. U.L. listed AC operation. 44-225 . . . 9.95

Lighted Head Demagnetizer



13⁹⁵

- For Cassette, 8-Track, Open-Reel
- Illuminated Tip Helps You See

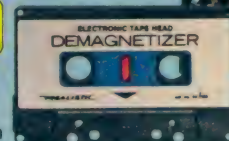
Restores high frequency response, reduces hiss and prevents damage caused by magnetized heads. Lighted 3 1/2" probe. 1 x 9 x 2" U.L. listed AC operation. 44-207 . . . 13.95

Electronic Cassette Demagnetizer

**ONE
OF
OVER
350
NEW LOW PRICES**

19⁹⁵

Was \$21.95 in
1983 Catalog



Inside View

- Demagnetizes in One Second
- Cordless—Requires No AC

The fast, automatic way to preserve crystal-clear highs and cut hiss. Loads like an ordinary cassette. LED "on" indicator, long-life battery. 44-1165 . . . 19.95

Car/Boat DC Adapter



6⁹⁵

Saves batteries! Powers most 6V and 9V portable radios and recorders from your car or boat's cigarette lighter. LED indicator. Fused. 12VDC neg. gnd. 14-844 . . . 6.95

Magnetic Bulk Tape Eraser

15⁹⁵

**Also Erases
Computer
Floppy Disks**

Not for metal or video tapes



Quickly erases cassette, 8-track and open-reel tapes. Reduces noise levels below recorder's own erase head level. U.L. listed AC operation. 44-232 . . . 15.95

Cassette Demagnetizer and Head Cleaner

5⁹⁵

**Helps Prevent
Jamming,
Reduces Hiss
And Noise**



Insert for 60 seconds after every eight to ten hours of operation to prevent loss of "highs" and keep tape path clean. For all players, recorders. Ideal for personal portables, autos. Cordless. 44-631 . . . 5.95

Deluxe Cassette Tape Splicer



6⁴⁹

Makes tape editing and repairs easy. Chromed cut/trim lever cuts diagonally and trims excess tape. Includes roll of splicing tape. 44-214 . . . 6.49

Splicing and Sensing Tape

A 79^c

1⁹⁹ B

A Splicing Tape. Polyester base resists age, heat, humidity. 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	79c
3/8"	44-1126	79c
1/2"	44-1128	79c

B Sensing Tape. For recorders with contact or photo sensing systems. 7/32 x 100".

44-1155 . . . 1.99

Splicers for Easy Tape Editing



3⁹⁹

1⁹⁹

C Open-Reel/Cassette Editing Block. Anodized aluminum splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. 44-224 . . . 3.99

D Universal Dual-Track Splicer. For cassette, 8-track and open-reel tapes. Includes razor blade, instructions. 44-216 . . . 1.99

Cassette Hand-Winder



**ONE
OF
OVER
350
NEW LOW PRICES**

3⁹⁹ Was \$4.69 in
1983 Catalog

Rewind cassette tapes by hand. Saves your portable's batteries. Winds a C-90 cassette in just 60 seconds—faster than most recorders. 44-223 . . . 3.99

Heavy-Duty Carry Strap



4⁹⁹

**For Portable Radios
and Tape Players**

Take your music along in comfort and style. Durable nylon web strap is fully adjustable, with sturdy metal clasps. 44-690 . . . 4.99

On/Off Foot Switch



**ONE
OF
OVER
350
NEW LOW PRICES**

2⁹⁹

Was \$3.69 in
1983 Catalog

Remote control switch for hands-free on/off capability. Ideal for typist working from dictation. Sub-mini plug fits into remote control jack of recorder. 44-610 . . . 2.99

Phone Pickup Coil



1⁹⁹

**Easy
To Use**

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini-plug. 44-533 . . . 1.99

WE'RE YOUR TAPE CARE/CLEANING HEADQUARTERS

Standard or Micro 3-Way Cassette Cleaners



Each
4.99



Soft felt pads with unique wiping action scrub tape head, clean pinch roller and capstan. Transparent case so you can watch it work. With 1/2-oz. of special cleaning solution.

- A** For Micro Cassettes. 44-1164 4.99
B For Standard Cassettes. 44-1163 4.99

Professional-Quality Head Cleaning Kit



2.99

For audio and video! Includes 6-dram bottle of special Freon TF* Solvent and six reusable lintless foam swabs. 44-1170 2.99

*TM E.I. du Pont de Nemours & Co., Inc.

Deluxe Cassette Tape Repair Kit



4.99

Fix Broken
Tapes

Includes a detailed 32-page manual, housing, splice block, razor blade, mylar splice tabs, screws, adhesive labels. 44-629 4.99

8-Track Doubleheader Cartridge

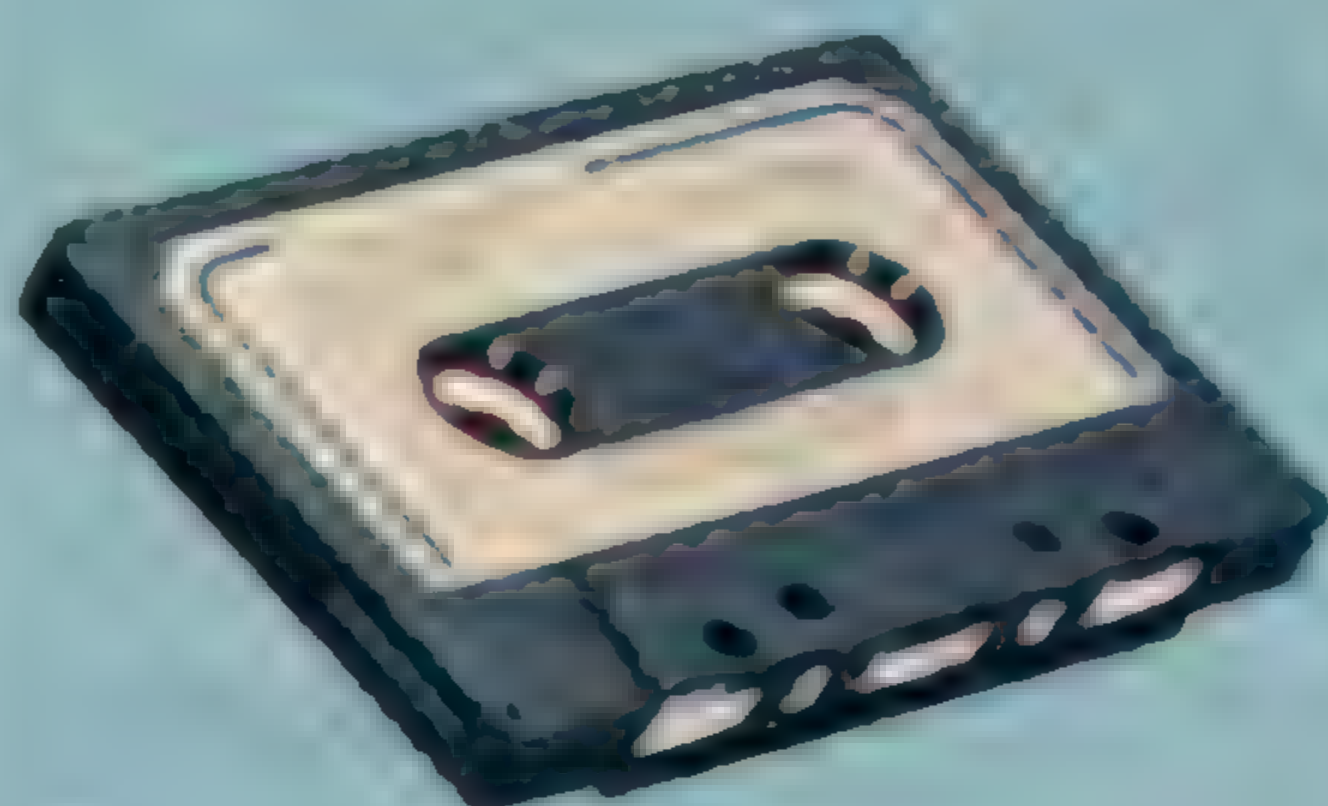


2.99

Easy
Operation

Insert each end of cartridge for ten seconds to clean head, sensor and capstan. 44-208 2.99

Two-Way Cassette Cleaning Kit



2.69

Includes Fluid

Restores fidelity, extends tape life by removing oxide deposits from heads, capstan. 44-1162 .. 2.69

Cassette Head Cleaner



1.89

Restores Clarity

Low-cost, non abrasive cleaner helps prevent dirt build-up, extends the life of your tapes. 44-1160 1.89

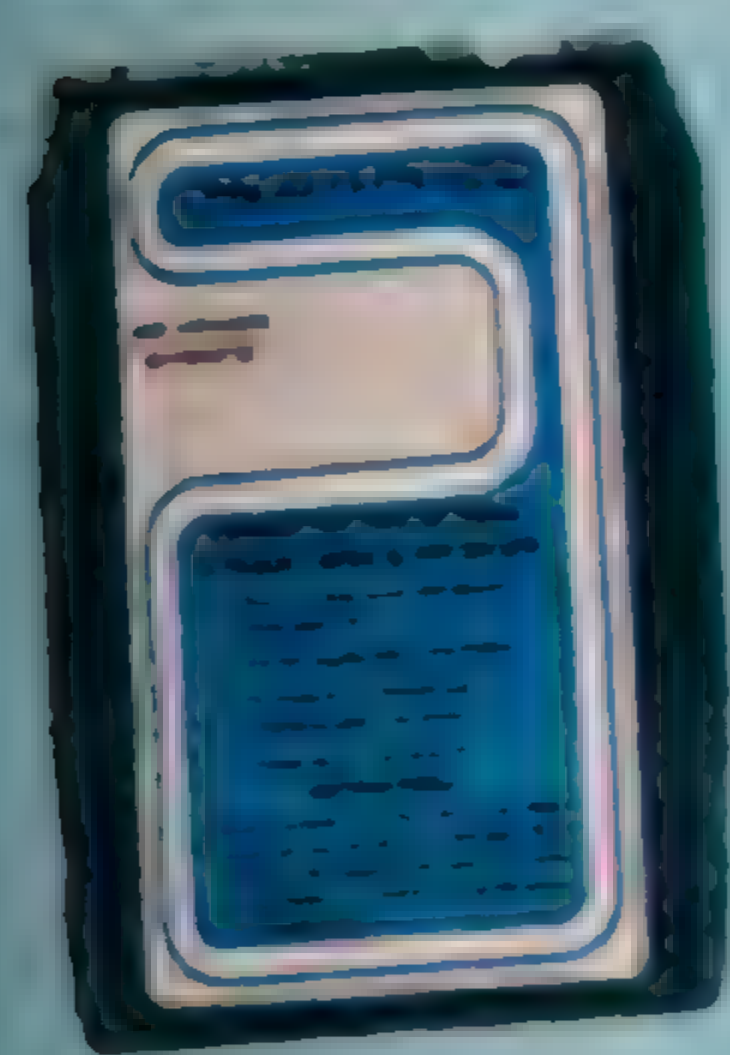
Cassette Tape Fixer



2.49

Straightens and helps you rewind, clean and repair tangled cassette tapes. Semi-automatic. 44-634 2.49

8-Track Head Cleaner

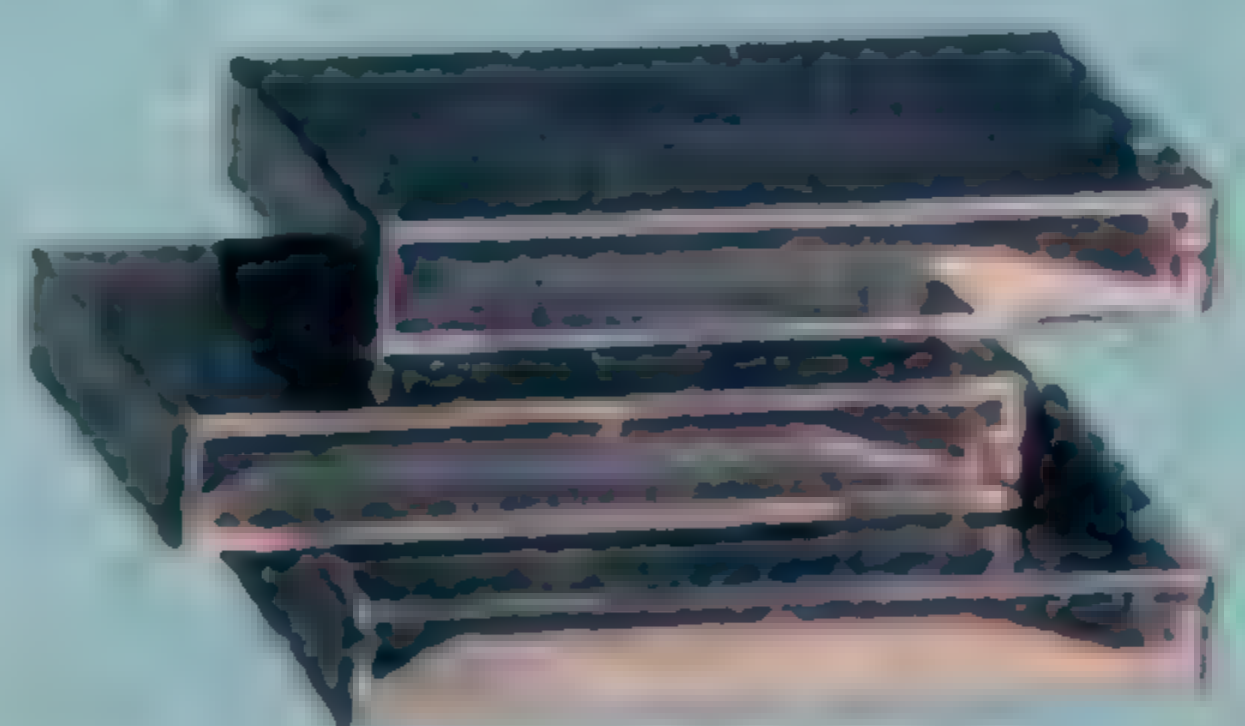


1.99

Budget-Priced

"Play" for ten seconds. Removes oxide deposits from heads to restore volume. 44-1161 1.99

Cassette Boxes



1.19

3 Pack

Protect your tapes! Hinged see-through door for easy identification. 44-611 Pkg. 3/1.19

Recorder Cleaner Kit

1.69

1 1/4-oz. bottles of cleaner and lubricant. Ten long-reach swabs. 44-217 1.69

Cassette Housing

1.19

Simple
To Use



Replace your damaged or worn-out housing. 24" leader tape, instructions. 44-626 1.19

Cassette Index Labels



99¢

Pkg. of 24

Self adhesive. Six each of red, blue, yellow and green. 44-621 Pkg. 24/99¢

Plastic Cassette Mailers

89¢

3-Pack

Meets 1st Class Postal Regulation PSM 352.2. With labels. 44-608 Pkg. 3/89¢

Cassette Mailing Boxes

79¢

Pkg. of 6

Heavy-duty cardboard. Meets 1st class postal regulations. Mailing labels. 44-632 Pkg. 6/79¢

Cleaning Cloths

1.49

Pkg. of 4

Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 Pkg. 4/1.49

Cassette Index Cards



1.19

Pkg. of 20

Replace old cards—room to list newly recorded selections. Fit all standard tape boxes. 44-623 Pkg. 20/1.19

Tape Head Cleaner Spray and Solvents

Low As **99¢**

C Head Cleaner Solution. Cleans all metal parts. 2 oz. 44-1010 99¢

D "Pro" Solvent. Freon TF* dissolves dirt, oxide. 2 oz. 44-1171 1.99

E Cleaner Spray. Cuts grime. Extension nozzle. 3 oz. 44-1011 2.29

*TM E.I. du Pont de Nemours & Co., Inc.



Tape Head Cleaning Sticks

1.29

Pkg. of 100

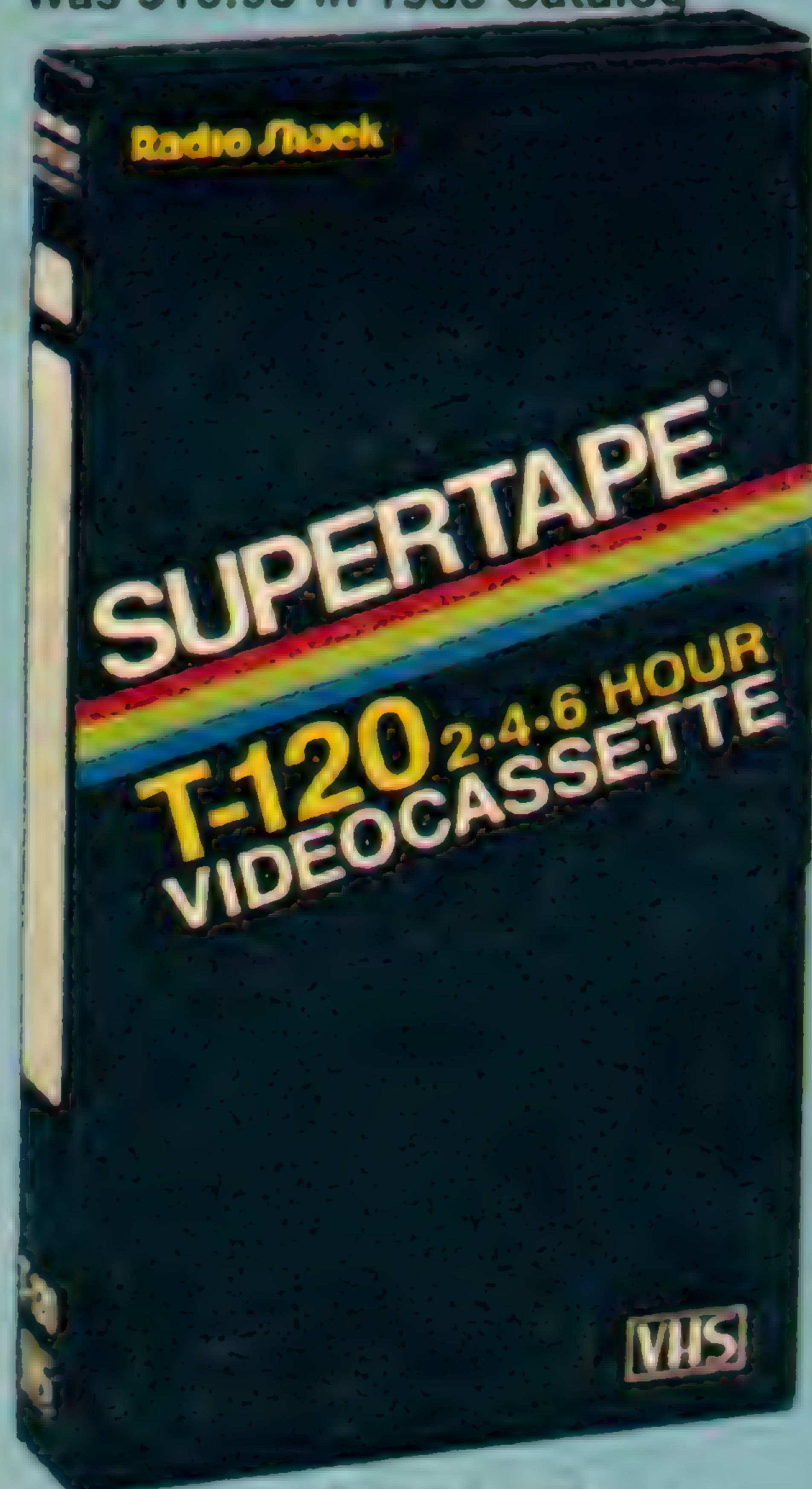
Cotton-tipped 6" wood sticks for hard-to-reach places. 44-1093 Pkg. 100/1.29

SUPERTAPE® VIDEO CASSETTES—THE STANDARD OF EXCELLENCE FOR HOME RECORDING AND PLAYBACK

ONE OF OVER 350 NEW LOW PRICES

1195 Each, 1-11

Was \$16.95 in 1983 Catalog



VHS T-120

NEW FOR '84

1395 Each, 1-11



VHS T-120 Gold HG

ONE OF OVER 350 NEW LOW PRICES

995

Was \$14.95 in 1983 Catalog



Beta L-500

Special Magnetic Particle Binder System Gives You Extra-Long Life at All Speeds

SUPERTAPE Video Cassettes. Finest quality for performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you increased chroma output for brilliant, true-to-life colors. Precision housing is engineered to minimize dust pickup and reduce friction. Compatible with all brands of video cassette recorders.

VHS T-120. Up to six hours recording time. 44-400 Each 11.95

Beta L-500. Up to three hours recording time. 44-450 Each 9.95

Beta L-750. NEW! Up to 4.5 hours recording time. 44-475 Each 11.95

VHS T-120 SUPERTAPE GOLD HG. For the best in slow-speed and special effects recording and playback. Captures the fullness and richness of color and detail, reduces drop out and improves sound quality. Our exclusive formulations deliver many more hours of enjoyable playback of your video tape library. 44-410 Each 13.95

These Video Cassette Accessories Make Recording and Organizing Easy

Automatic VCR Cleaning Systems



Loads Like a Cassette—Just Play

VCR Cleaning Kit. No need to open your VCR. Non-abrasive system thoroughly cleans all heads, capstan and pinch roller. Special disposable cleaning inserts are pre-moistened with Freon TF® solution and sealed—no guesswork, no spills. Includes three inserts.

A For VHS Recorders. 44-1174 19.95

B For Beta Recorders. 44-1175 19.95

C Cleaning Insert Refills. Individually sealed, pre-measured, easy to use. 44-1173 Pkg. of 3/2.99

*TM, E.I. du Pont de Nemours & Co., Inc.

VCR Cleaning Kit



Keep Your VCR Operating at Peak Performance **995**

Helps remove deposits from heads, rollers and capstan. Includes four reusable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, 1/2-oz. of Freon TF® cleaner, instructions. 44-1172 9.95

Unique Video Tape Indexing System

499



Convenient Organizer Stores Just Like a Video Cassette

Create a quick reference to your video tape library. Ring-binder index "book" with master "title" index cards and 50 removable information cards for individual tapes. 44-1176 4.99

Remote Pause Control



299

Edit out unwanted commercials with the push of a button. For most VCRs and audio recorders. 12-foot cable. 44-1179 2.99

Video Cassette Labels



ONE OF OVER 350 NEW LOW PRICES

149

Was \$1.99 in 1983 Catalog

For easy tape re-labeling.

VHS. 44-1177 ... Pkg. 10/1.49

Beta. 44-1178 ... Pkg. 10/1.49

High-Power Video/Audio Bulk Tape Eraser—Works in Seconds

NEW FOR '84

2995

For Beta and VHS Tapes

Erases tapes more completely than an audio or video recorder's erase head. With on/off switch, illuminated "on" indicator. U.L. listed AC operation. 44-233 29.95



Prices Apply at Participating Radio Shack Stores and Dealers

AUDIO/VIDEO TAPE ORGANIZERS AND PROTECTORS

Cassette Storage Case



Low As **379** Stores Like a Book

12-Cassette Album. Tapes snap in and out. Folds up to 10 1/2 x 9 1/2 x 1 1/4". 44-612A 3.79

24-Cassette Album. 44-609A 6.99

Car Cassette Carrier



Holds Eight Tapes

ONE OF OVER **350** NEW LOW PRICES

895

Was \$9.95 in 1983 Catalog

Mounts underdash with slip-in bracket and adhesive strip. 4 3/4 x 6 3/4 x 3 1/8". 44-677 8.95

2-Way Cassette Storage Cases

Low As **695**

12/24 Tapes. Holds 12 boxed, 24 unboxed cassettes. 3 1/2 x 10 1/8 x 6 7/8".

44-657A 6.95

24/48 Tapes.

3 1/2 x 14 1/2 x 8 3/4".

44-658A 9.95

60/120 Tapes. Opens from both ends. 14 1/4 x 9 7/8 x 6 1/2".

44-679A 16.95



Tough Vinyl Construction With Snap Latch and Carry Handle

Mini/Micro Cassette Tray



NEW FOR '84

249

Holds 12 Tapes

Smoke tinted cover protects tapes. 2 x 2 13/16 x 7".

44-678 2.49

15-Cassette Storage Tray



349

Fits Shelf/Drawer

Smoke-tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 3 1/8 x 12 1/2 x 4 1/2".

44-665 3.49

Deluxe Two-Way Cassette Storage Case

1595

Holds 24 Boxed, 48 Unboxed Cassettes

Padded leather-look vinyl finish with luxurious cushioned interior design. Snap-lock latch. 14 1/8 x 7 1/2 x 4 1/4".

44-663A 15.95

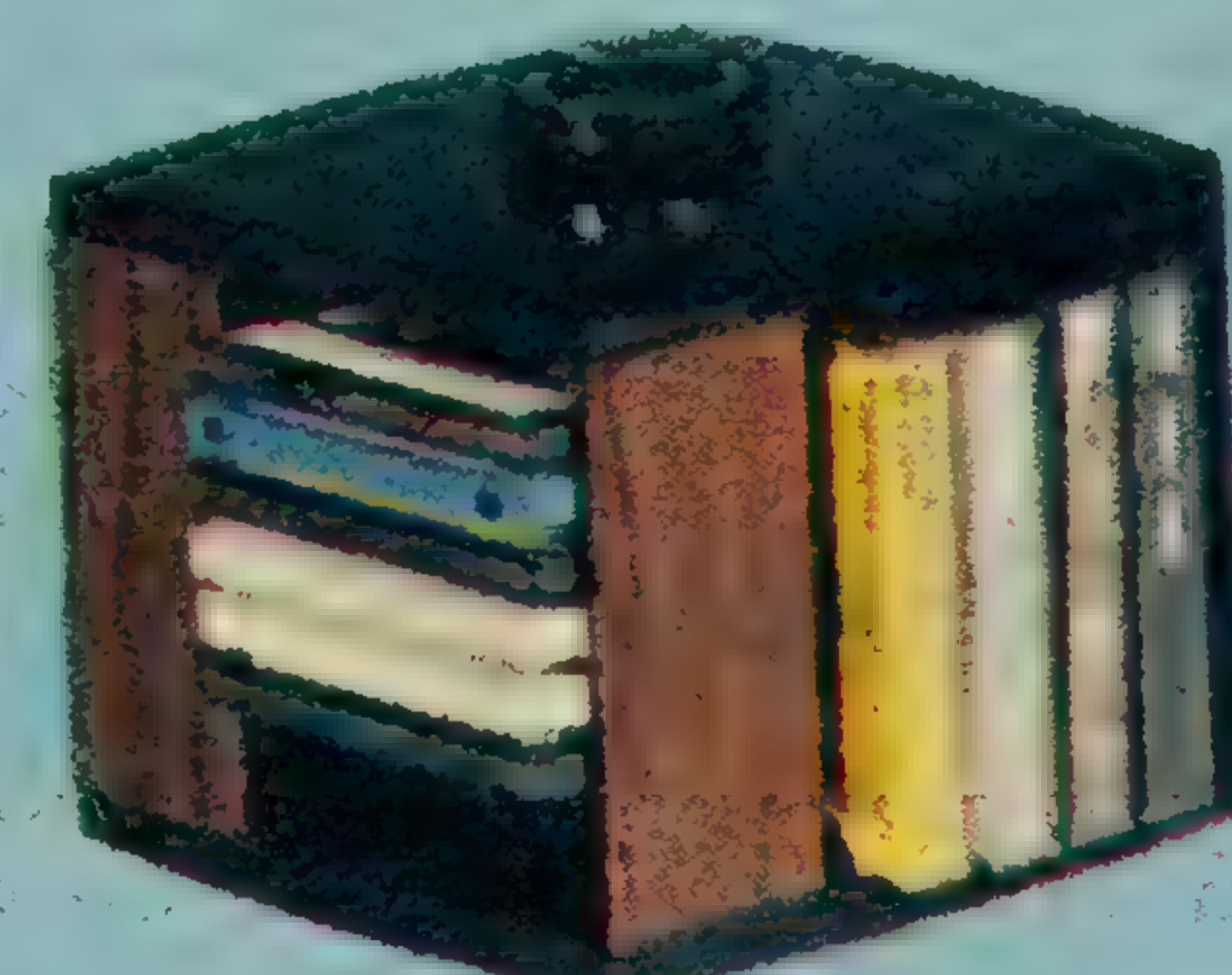


Cassette O-Matic* **249**

*TM A.D. Communications U.S. Patent No. 4,239,109

Holds five cassettes securely. Interlock more modules to expand. 4 1/2 x 4 x 3 1/8". 44-674 2.49

Cassette Carousel



995

Holds Up To 32 Tapes

With/without cases. Stackable. 6 1/2 x 6 1/4 x 9 1/4". 44-673 9.95

36-Cassette Storage Cabinet

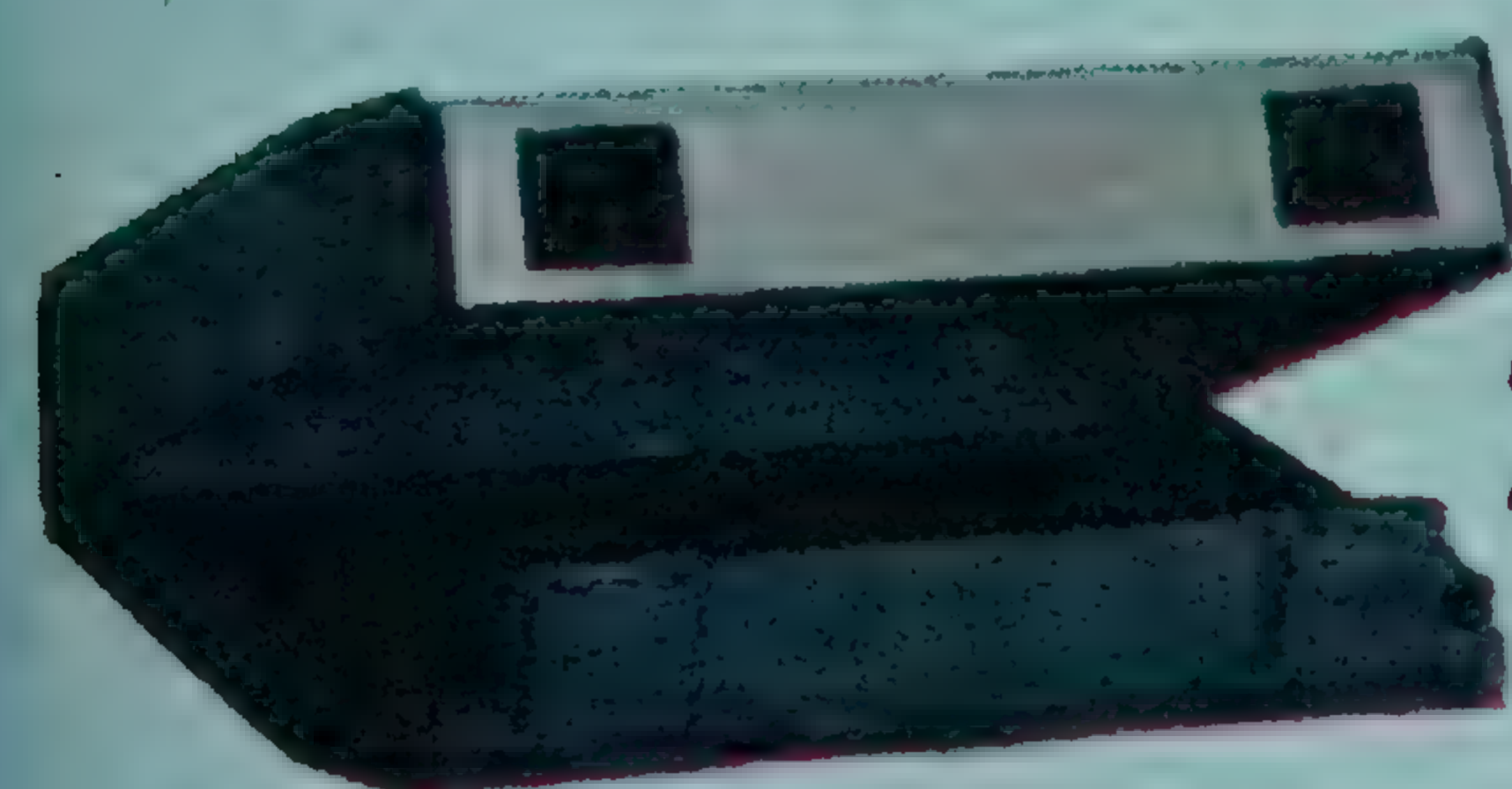
Stack It With Your Components

2195

Three compartmented drawers organize tapes for easy selection. Walnut vinyl finish, non-scuff feet. 4 1/4 x 15 5/8 x 12 1/2". 44-669 21.95



Video Tape Mailers



249

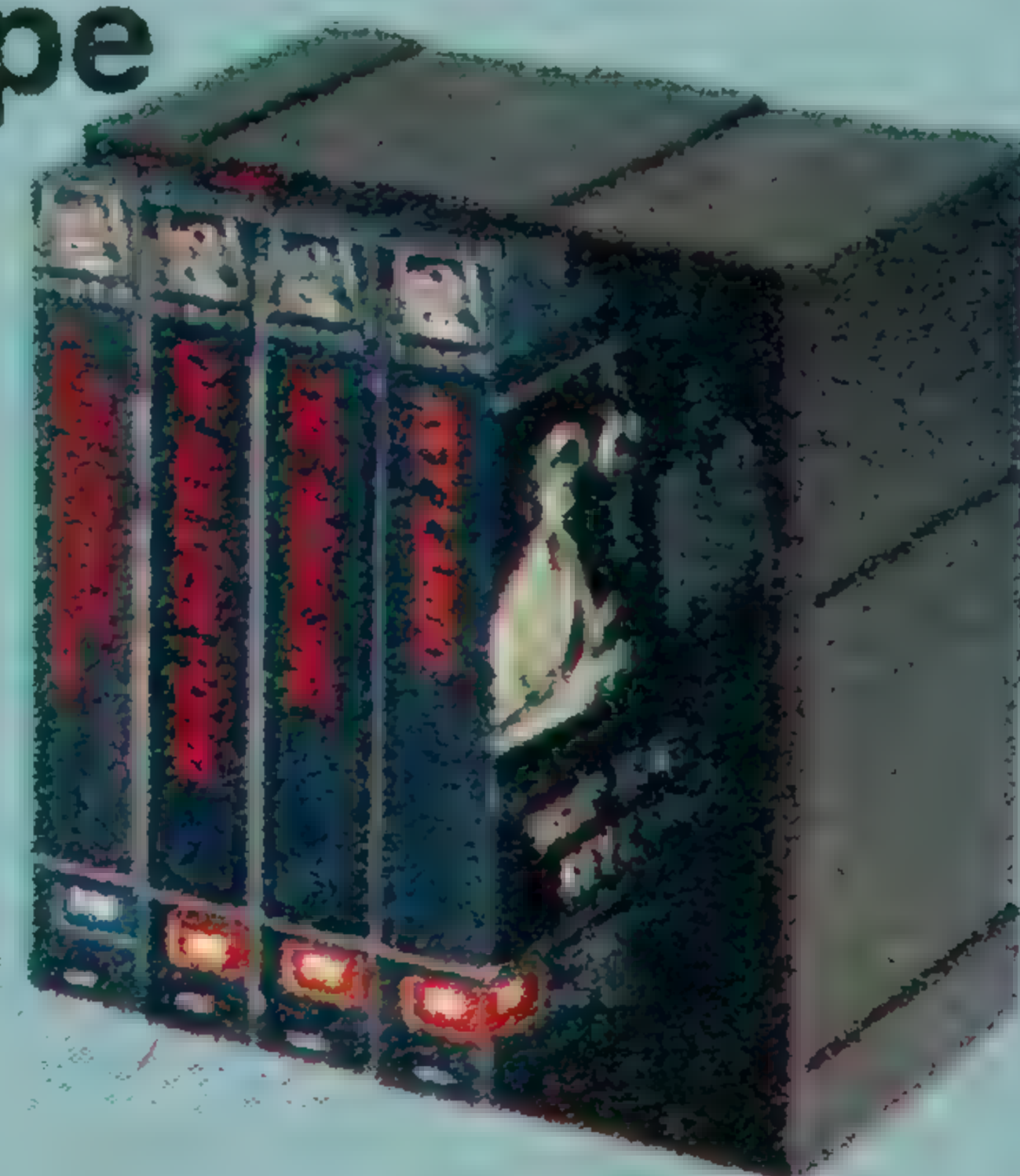
Labels Included

U.S. Postal Service approved. Locking, dust-free storage.

VHS. 44-1192 2.49

Beta. 44-1193 2.49

Video Tape Storage Module



599

Holds Six Tapes

Expand as your library grows—just lock on more modules.

For VHS. 44-1190 5.99

For Beta. 44-1191 5.99

Sturdy, 2-Drawer Video Tape Cabinet

3495

Holds Up to 20 Beta or VHS Tapes

Wood cabinet with two compartmented drawers will support up to 70 pounds. No-mar feet. Simulated woodgrain finish. 5 1/4 x 17 1/2 x 16".

44-1196 34.95



Universal VCR Cover

595



See-Thru Front

Keeps out damaging dust. Anti-static vinyl. Fits most VCRs. 7 x 20 x 16". 44-1181A 5.95

Video Tape Rack



399

Stores Ten Cassettes

Durable smoked acrylic construction, for wall or shelf. Accepts Beta or VHS. No-mar rubber feet.

44-1194 3.99

Storage Unit for 16 Video Cassettes

1495

Add More Units as Your Tape Library Grows!

Displays your video tape library for easy selection. Durable molded design, can be mounted on wall or shelf. 9 3/8 x 20 1/2 x 6 1/8".

44-1195 14.95



VHS or Beta Tapes

Tapes Not Included With Items on This Page

DEPENDABLE MIKES FOR STAGE, STUDIO AND HOME

Versatile Stereo Microphones Simplify Recording—Two Elements in One Housing for Easy Positioning



39⁹⁵

**NEW
FOR '84**

29⁹⁵

19⁹⁵

Deluxe Dual-Pattern Electret Condenser

Two sensitive electret elements and a special matrix circuit let you select "normal" pattern or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. 600 ohms. Wire mesh screen cuts wind noise. On/off switch. 8" long. 10-ft. cord with two 1/4" phone plugs. Includes vinyl case, stand adapter. Requires "AA" battery. 33-919 39.95

Ultra-Compact Stereo Microphone

Dual back-electret elements provide excellent response to transients—the fast-rising peaks that give sound its "live" quality. Cardioid pickup pattern. 50 to 18,000 Hz. 600 ohms. Adjustable desk stand also has standard 5/8"-27 threads. On/off switch, foam windscreens. 5 1/8" long. 8-ft. cord with two 1/8" plugs. Requires "AA" battery. 33-1066 29.95

Dual Heads—Ideal for Portable Recorders

Each electret condenser head adjusts up to 90° for optimum stereo separation—ideal when recording large musical groups or conferences. 50 to 15,000 Hz response. 600 ohms. Built-in stand. 5 5/8" long. 6 1/2-ft. cord, two 1/8" plugs. Two foam windscreens. Requires "AA" battery. 33-1065 19.95

Professional-Quality Mikes for Recording and Sound Reinforcement



A
49⁹⁵

Unidirectional Dynamic

A Realistic Highball. Great for PA and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high/low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6 1/2" long. 16-ft cable with 1/4" plug, deluxe vinyl case, stand adapter. 33-984 49.95

B
39⁹⁵

Super-Omnidirectional Dynamic

B Flat 40 to 17,000 Hz response—great for music or hand-held vocals. Rugged body with windscreens, rubber shock ring. Low-impedance (XLR) capability. 6 3/4" long. 16-ft. cable with 1/4" plug, deluxe carrying case, stand adapter. 33-1070 39.95

C
29⁹⁵

Cardioid Dynamic With "Pop" Filter

C Special wire-mesh grille cuts wind noise—perfect for vocal/outdoor use. Die-cast body. On/off switch. 50 to 15,000 Hz. Low-impedance capability. 7" long. 12-ft. cable, 1/4" plug, stand adapter. 33-1071 29.95

D
24⁹⁵

Super-Cardioid Dynamic

D Excellent for PA or recording. Tight directional pattern minimizes feedback. Built-in windscreens. 80 to 12,000 Hz. 600 ohms. On/off switch. 7" long. 6-ft. cable with 1/4" plug, stand adapter. 33-992B 24.95

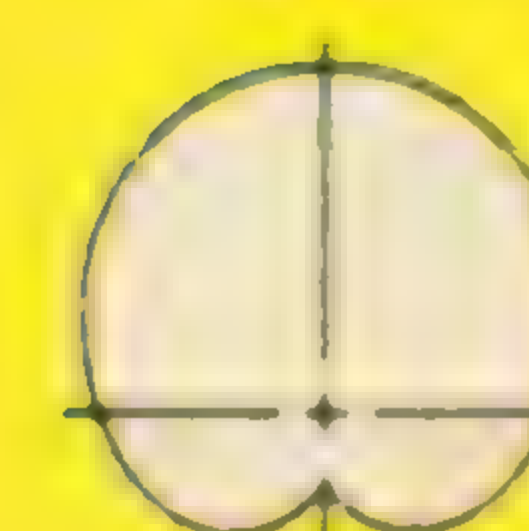
E
19⁹⁵

Low-Cost Omnidirectional Dynamic

E Realistic Highball-2. Wire-mesh windscreens with internal filter reduces "pops". Chromed body. On/off switch. 50 to 13,000 Hz. 600 ohms. 8 3/5" long. 6-ft. cable with 1/4" plug, stand adapter. 33-985C 19.95

**Heavy-Duty
Metal Cases**

Pattern Choice



Cardioid



Omnidirectional

Cardioid or Unidirectional. Pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equal response from all directions.

2-Way Use!



#33-984, 33-1070 and 33-1071 are adaptable to "pro"-type XLR balanced output. See page 130 for XLR connectors.

Acoustic Foam Windscreens



Fits most microphones. Stops wind and breath "pop". 33-373 1.49

VALUES IN SPECIAL-PURPOSE & REPLACEMENT MIKES

Dual-Pattern Electret Mike For Use With Video Cameras



Includes
Foam Windscreen

**NEW
FOR '84**

49⁹⁵

With Carrying Case,
Long and Short Cords,
Camera Mounting "Boot"

The perfect mike for video recordists! Has a super-directional "telescopic" pickup pattern and a "close-up" pattern, switch selectable. 80 to 12,000 Hz. 600 ohms. 18" camera cable and 18-ft. extension with 1/4" plug. 11" by 7/8" diameter. Requires "AA" battery. 33-1062 49.95

Ultra-Slim Electret Omni

17⁹⁵

Less than 3 ounces, yet delivers superb sound. 20 to 13,000 Hz. 600 ohms. On/off switch. 6" long. 9-ft. cable, 1/4" plug. With battery. 33-1050 . . . 17.95



Adjustable Stand

For Hand, Table or Lavalier

15⁹⁵

Realistic MC-1000. Slim omnidirectional dynamic mike with 150 to 10,000 Hz response. Impedance, 10,000 ohms. 5 1/8" long. 6-ft. cable, 1/4" plug. 33-990 15.95



Includes Neck
Cord and Desk Stand

Amazing PZM® Mike—A Performance Breakthrough!

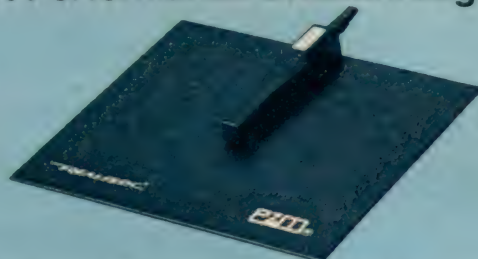
**NEW
FOR '84**

39⁹⁵

- Eliminates "Echo" Effects Caused by Reflected Sound
- Dramatically Increases Clarity and Range



Revolutionary Design Cancels
Effects of Sound Reflections



Realistic PZM Microphone. An important step forward in microphone performance—brought to you at a great low price by Radio Shack. Unlike conventional mikes, the PZM reacts to sound in much the same way as the human ear, so placement problems are minimized. Just put the mike where you hear the best sound and you'll capture it! Provides superior coverage in large rooms or on stages. 20 to 18,000 Hz response. 600 ohms. Element is mounted on a metal plate, 5 1/2 x 4 7/8". 18-ft. cord with 1/4" plug. Power supply box near plug has on/standby/off switch. Requires "AA" battery. 33-1090 39.95

PZM is a Trademark of Crown International

Electret Tie-Clip Microphones —"Hands-Free" Convenience!

19⁹⁵



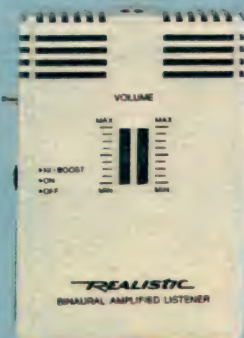
9⁹⁵

[A] Omnidirectional. 30 to 12,000 Hz. 600 ohms. Metal case, only 7/8" long. Includes 10-ft. cord, 1/4" plug, 1/8" mini plug adapter, long-life mercury battery. With clip and tie pin. 33-1056 19.95

[B] Fastens to tie or lapel. 30 to 12,000 Hz, 600 ohms. Metal case, 1/2" long. Includes clip, 6-ft. cord with 1/8" mini-plug and long-life mercury battery. 33-1058 9.95



Pocket-Sized Binaural Amplified Listener



Perfect for Use
With Miniature
Stereo Headphones

**NEW
FOR '84**

19⁹⁵

Amplifies the sounds around you for easier listening. Two directional mikes and dual-channel (binaural) design provides natural sense of direction. Separate volume controls for each channel. High-boost switch compensates for ear's lack of sensitivity at high frequencies. 3 3/4 x 2 1/2 x 3/4". Requires stereo headphones with 1/8" plug or adapter and two "AA" batteries. 33-1091 19.95

Replacement Mikes With Remote Control for Portable Tape Recorders

Electret Condenser Omnidirectional



12⁹⁵

Has 1/8" mini-plug for audio, submini plug for remote on/off. 20 to 13,000 Hz. 6 1/2-ft. cord. With stand, windscreen, battery. 33-1060 12.95

Dynamic Omnidirectional



12⁹⁵

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz response. Low impedance. Includes 6 1/2-ft. cord, slip-on desk stand. 33-1040 12.95

"Pencil" Dynamic



6⁹⁹

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand. 6-ft. cord. 33-1034 6.99

Low-Cost Dynamic



4⁹⁹

Dynamic sound quality at the price of a crystal mike. Mini-plug for mike, submini plug for remote control. 3-ft. cord. Slip-on stand. 33-1054 4.99

VERSATILE "FOUR-IN-ONE" COMPACT MUSIC SYSTEMS



Available
Nov. 15, 1983

**NEW
FOR '84**

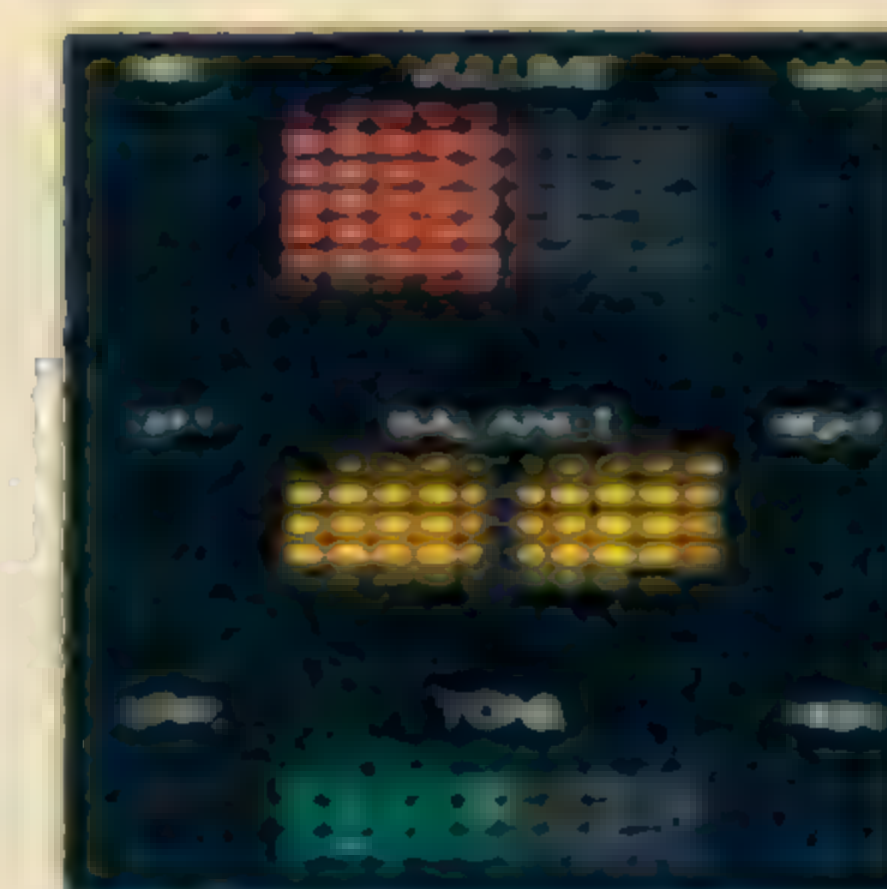
229⁹⁵

Only \$25 Per Month
On CitiLine Credit

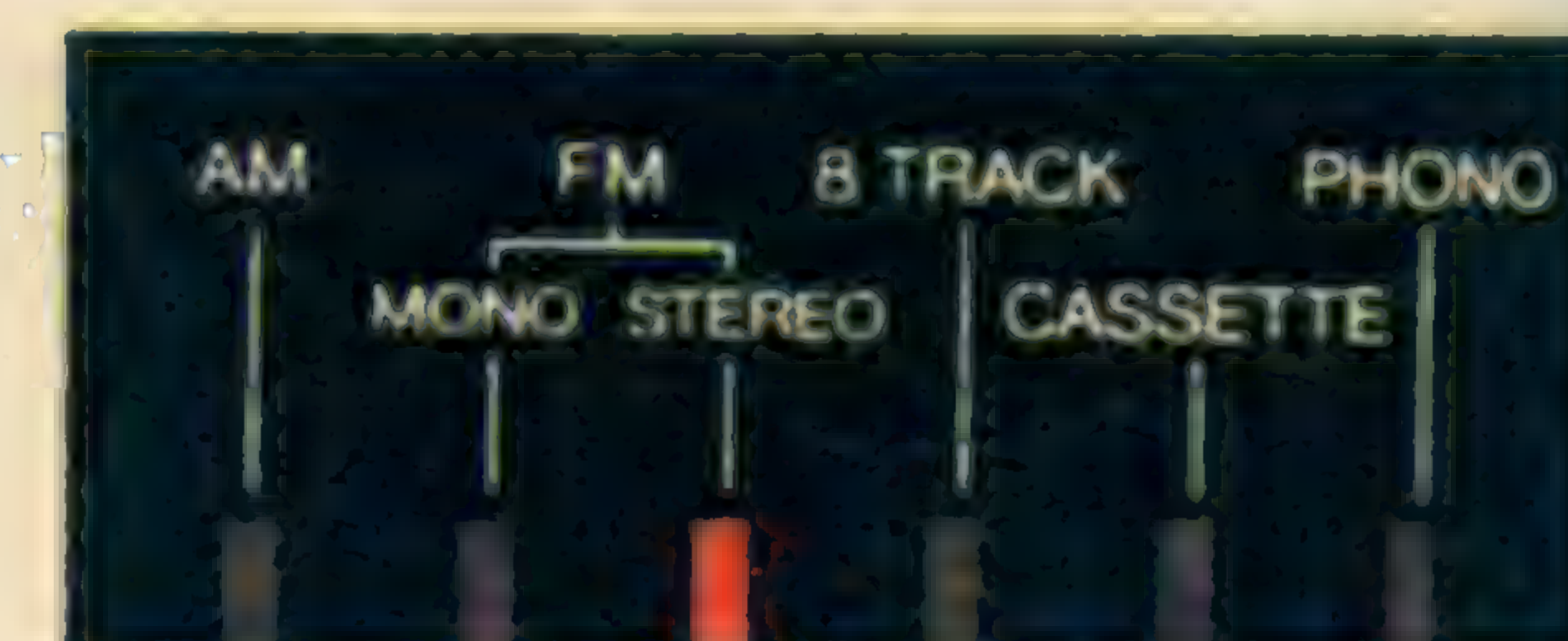
- Includes Matching 17"-High Speakers
- Two-Speed Changer With Cue/Pause Lever

Realistic Clarinette®-113. This attractive system is loaded with features, yet easily fits small spaces. You can record cassettes for home or car directly from the radio and record changer, or make cassette copies of 8-tracks. For "live" cassettes, just plug mikes into the 1/8" jacks on the front panel. The 8-track play-only deck has pushbutton program change with LED indicators. The cassette recorder/player shuts off automatically at end of tape. It has automatic recording level, a 3-digit tape counter and a pause control. Changer has a cue/pause control. Also features an edge-lighted radio dial, LED power "on" and FM stereo indicators, stereo headphone jack. Walnut-grained vinyl veneer finish. 8 1/4" x 16 1/2" x 13 3/5". Speakers, 17 x 10 x 5 1/2", each. U.L. listed. 13-1215 229.95

Control-Panel Features



Color-Coded Graphic
Display for Volume,
Balance and Tone



LED Indicators for AM, FM Stereo,
Cassette, 8-Track and Phono Modes

AM/FM Stereo Phono With Record/Playback Decks for Cassettes and 8-Track Tapes

299⁹⁵

Only \$27 Per Month
On CitiLine Credit

- Matching 22"-High, Two-Way Speakers
- Two-Speed Automatic Record Changer
- Jacks Let You Add Two Extra Speakers

Realistic Clarinette-102. Our most versatile! You can record a cassette, an 8-track—or both at the same time—directly from radio or phono as you listen. You can even make 8-track copies of cassettes and cassette copies of 8-tracks! Front-panel 1/4" mike jacks for "live" tapes, too. Automatic recording level on both decks gives you perfect-volume tapes. Cassette has a counter to help you find selections. Eight-track has Auto-Stop to prevent over-recording. Changer has a cue/pause lever to help prevent record damage. Also features separate boost-and-cut bass and treble controls, lighted tuning meter and dial. LED indicators for FM stereo, record mode and 8-track program. Walnut vinyl veneer finish. 9 1/2" x 22 3/4" x 14 7/8". Speakers, 22 x 12 x 6 1/2" each with 8" woofer and 3" tweeter. U.L. listed. 13-1208 299.95



SPACE-SAVING THREE-PIECE STEREO MUSIC SYSTEMS

AM/FM Stereo Phono With Two Cassette Decks—Copy Your Tapes for a Friend!

**NEW
FOR '84**

239⁹⁵

Only \$25 Per Month
On CitiLine Credit

- With Matching 17"-High Speakers
- Two-Speed Automatic Turntable

Realistic Clarinette-114. This system has one cassette deck for record/play and one for playback only. This enables you to copy tapes. A "continuous play" mode also lets you listen to two cassettes in sequence. You can record off-the-air and from records, or add mikes for "live" tapes. The turntable has a cue/pause control plus automatic arm return and shutoff. Also features Auto-Stop on both decks, automatic recording level, tape counter, 5-LED audio power meter, Hi-Filter and Loudness pushbuttons, LED indicators for record, continuous play and FM stereo modes. Edge-lighted dial, 1/4" headphone jack, 1/8" mike jacks. Vinyl finish. 9 x 16 1/2 x 15". Matching speakers, 17 x 10 x 5 1/2". U.L. listed. 13-1217 239.95



"Tower" AM/FM Stereo Phono With Cassette

Loaded With
"Big Stereo" Features!

289⁹⁵

Only \$27 Per Month
On CitiLine Credit

- 15"-High Two-Way Speakers • Two-Speed Changer
- Auto-Magic® FM • Loudness Button • Hi-Filter

Realistic Clarinette-108. The record/play cassette deck has full end-of-tape Auto-Stop and soft-touch controls, including pause for editing as you record! Cue/Review and a 3-digit tape counter help you find selections quickly. Exclusive Auto-Magic system fine tunes and locks in FM automatically. Changer has a cue/pause lever to gently raise and lower the tonearm. Aux input lets you listen to, or record from, an external tape deck or turntable. Hi-Filter reduces tape "hiss" and record scratch. Loudness button for better sound at low volume. 10-LED audio level meter. 1/4" jacks for headphone and mikes. Vinyl finish. 9 x 16 1/8 x 15". Matching speakers, 15 x 6 1/2 x 6 3/4", each with 5" woofer and 2" tweeter. U.L. listed. 13-1213 289.95



Value-Priced AM/FM Stereo Phono With Cassette

**NEW
FOR '84**

199⁹⁵

- Includes Matching 18"-High Speakers
- Two-Speed Automatic Record Changer

Realistic Clarinette-112. Versatility at a bargain price! Records directly from the radio and the record changer, or "live" if you add mikes. Cassette features Auto-Stop at end of tape in record and play modes, automatic recording level, pause control and a 3-digit counter. Changer has a cue/pause lever to protect discs and stylus. Plays up to six records and shuts off after last disc. LED indicators for power "on". FM stereo and record modes. 1/8" jacks for mikes, 1/4" jack for headphone. Walnut-grained vinyl finish. 10 1/4 x 18 1/2 x 14 1/2". Speakers, 18 x 11 3/8 x 5 3/4". U.L. listed. 13-1216 199.95



Matching Speakers Include Pre-Wired Cords and Connectors for Easy, Plug-In Hookup

MINI MUSIC SYSTEMS—IDEAL FOR ALL YOUNGSTERS

AM/FM Stereo Cassette With Built-In Speakers



149⁹⁵

- Perfect for a Youngster's Bedroom Shelves
- Cassette Pause Control and Tape Counter
- Separate Bass and Treble Controls

Realistic Clarinette®-66. A big value in a small size! "Stacked" design looks great and fits almost anywhere. Record off-the-air, or "live" with optional mikes. Features LED power-on and FM stereo indicators and headphone jack. Expand anytime with external speakers and record changer (below). Simulated wood grain on top and sides. 11 1/2 x 13 1/2 x 11 1/2". U.L. listed. 13-1214 **149.95**



Add a Record Changer

Realistic LAB-59. Two-speed automatic with ceramic cartridge (see page 26 for details). 42-2979 **69.95**

Jacks for Phono,
Aux, External
Speaker

AM/FM With Stereo Phono and Speakers

Great "First System"

89⁹⁵

- Two-Speed Record Player
- Removable Dust Cover



Speakers Separate Up to 18 Feet

Realistic Clarinette-14. Space-saving pedestal base holds the phono/monophonic tuner plus either the speakers or a collection of 45-RPM records. Phono has sapphire-stylus cartridge and built-in 45-RPM adapter. 6 1/4 x 13 x 10". Two wide-range speakers, each in a 6 3/4 x 6 5/8 x 6 5/8" molded enclosure. U.L. listed. 13-1161 **89.95**

Low-Priced Stereo
Phono System

59⁹⁵



Wood Speaker Enclosures

Realistic Clarinette-15. Three-speed manual phono has a built-in 45-RPM adapter, sapphire stylus, left and right channel volume controls, headphone jack and dust cover. 6 1/8 x 13 1/4 x 10". Two 6 x 2" full-range speakers, in 10 x 8 x 4 1/2" walnut vinyl enclosures, separate up to 18 feet. U.L. listed. 13-1119 **59.95**

Two-Speed Manual Phono



**NEW
FOR '84**

24⁹⁵

- Plays LPs and 45s
- Rugged Molded Case

Exciting music to please young listeners. Features sapphire stylus, rotary volume control, top-mounted speaker. Lightweight yet sturdy carry case with vinyl handle. 3 3/4 x 11 x 8 1/2". U.L. listed. 13-1118 **24.95**

Manual Phono With Sing-Along Mike

**NEW
FOR '84**

Now Every
Youngster
Can Be
A Star!



39⁹⁵

Kids will love hearing their own voices along with their favorite 33 1/3 and 45-RPM records. "Grownup" features include a top-mounted 3" speaker, removable dust cover, tubular tonearm, rotary volume control and rugged molded base. 13 x 9 x 4 3/4". U.L. listed. 13-1117 **39.95**

MUSIC AND LIGHTS TO BRIGHTEN UP YOUR LIFE

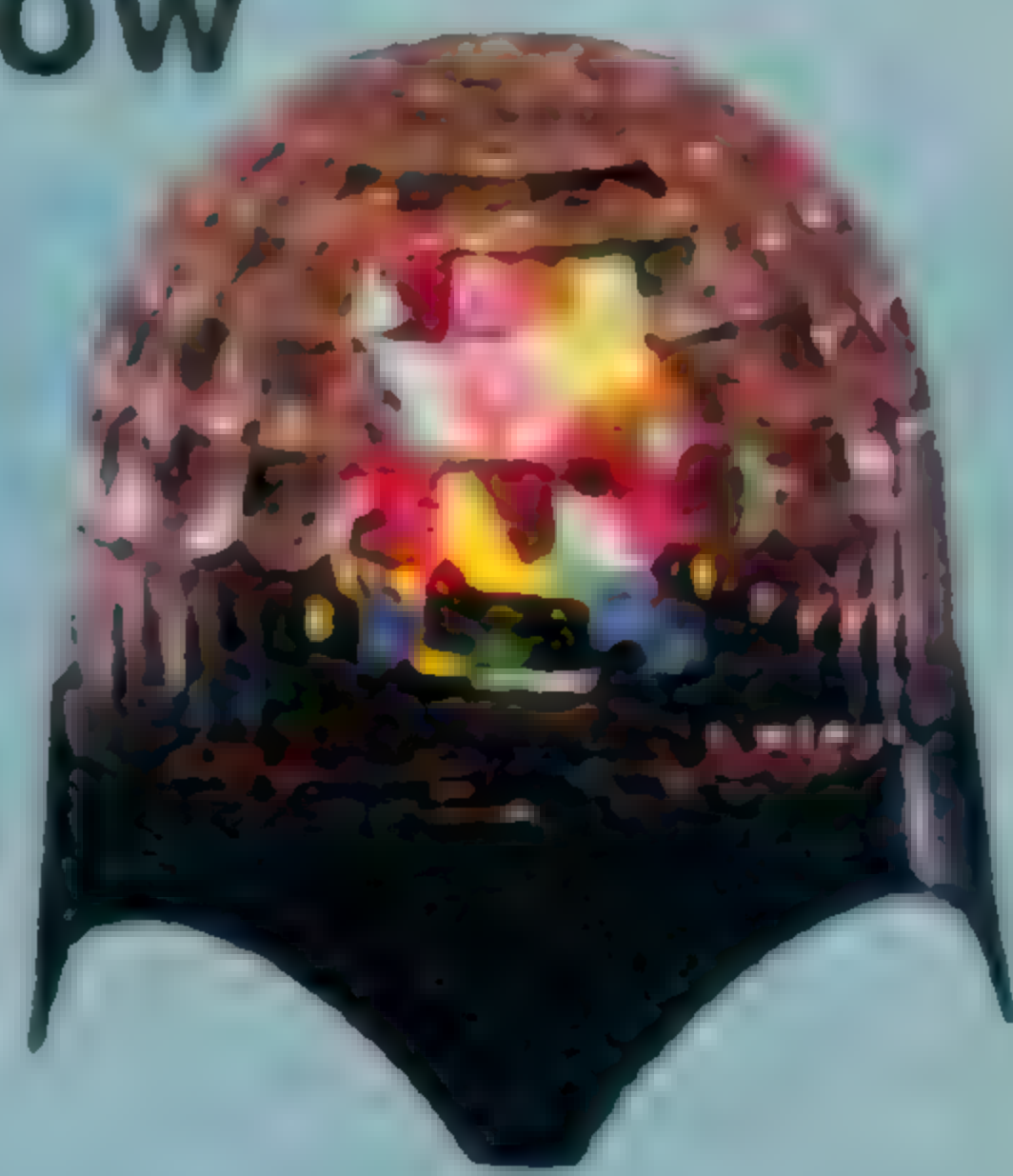
Psycho-Lite® Color Show

NEW FOR '84

12⁹⁵

Projects a kaleidoscope of color on walls, ceiling, floor. 6 1/2" high. U.L. listed.

42-3018 .. 12.95



Psycho-Lite Bulb

4⁹⁹

Wild, Flickering Action!

Great for parties. Fits any standard light socket.

42-3014 4.99



High-Intensity Strobe Light



Seems to Stop Motion

29⁹⁵

Wide-angle light with adjustable flash rate. Walnut vinyl. 7 9/16 x 7 9/16 x 4 3/4". U.L. listed.

42-3009 29.95

Paul Revere Rides Again On Dolby* Cassette



NEW FOR '84

Paul Revere & The Raiders

4⁹⁹

Exclusive! Rock Around the Clock, Louie, Louie, Good Lovin', CC Ryder, You Really Got Me, more. With guest stars Mary MacGregor, Blood, Sweat & Tears and Eric Burdon. 51-3013

4.99

Rock'n'Roll City Dolby* Cassette



NEW FOR '84

Mike Love (The Beach Boys) Dean Torrence (Jan and Dean)

4⁹⁹

Exclusive! Twelve new rock'n'roll recordings. With special guests The Beach Boys, Paul Revere and the Raiders, the Ripchords and the Association. 51-3009 ..

4.99

Famous Artists on Realistic® Cassettes—Only \$4⁹⁹ Each

A Outlaw Country



B Willie Nelson



C Carl Perkins & Eddie Cochran

NEW FOR '84



D The Everly Brothers

NEW FOR '84



E Chuck Berry & Little Richard

NEW FOR '84

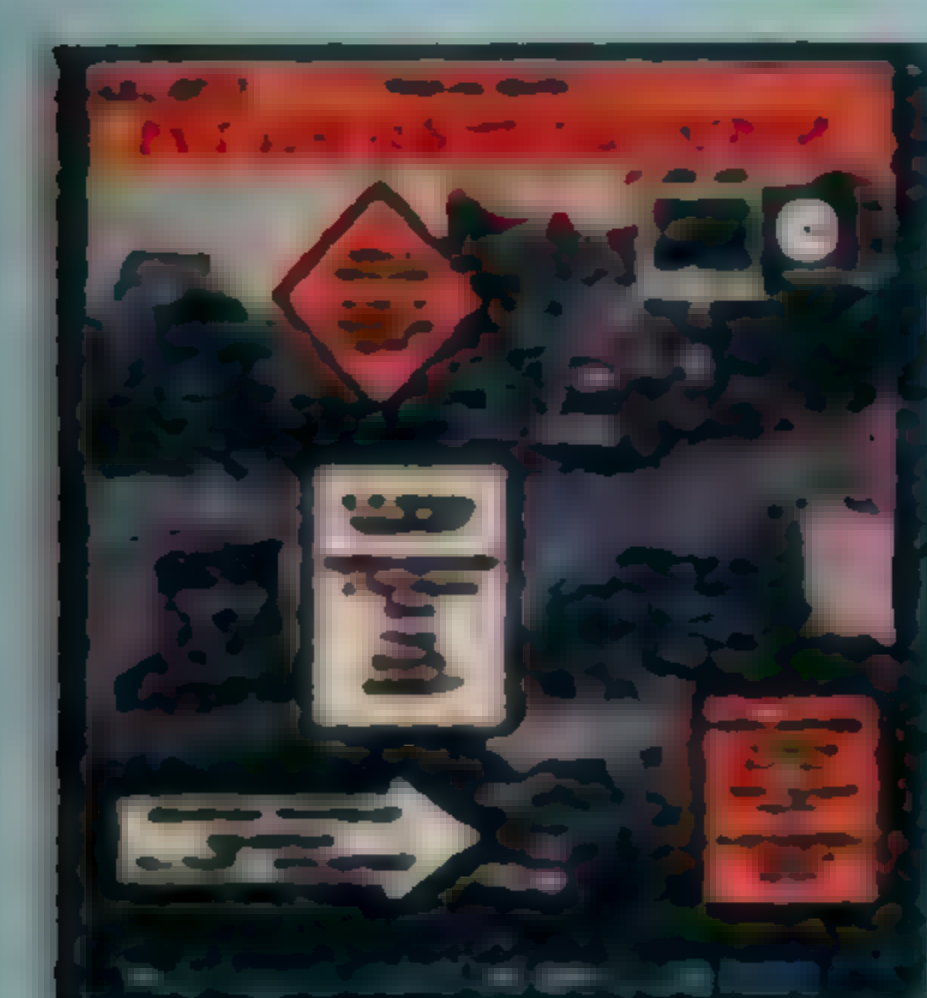


F Mickey Gilley & Jerry Lee Lewis

NEW FOR '84



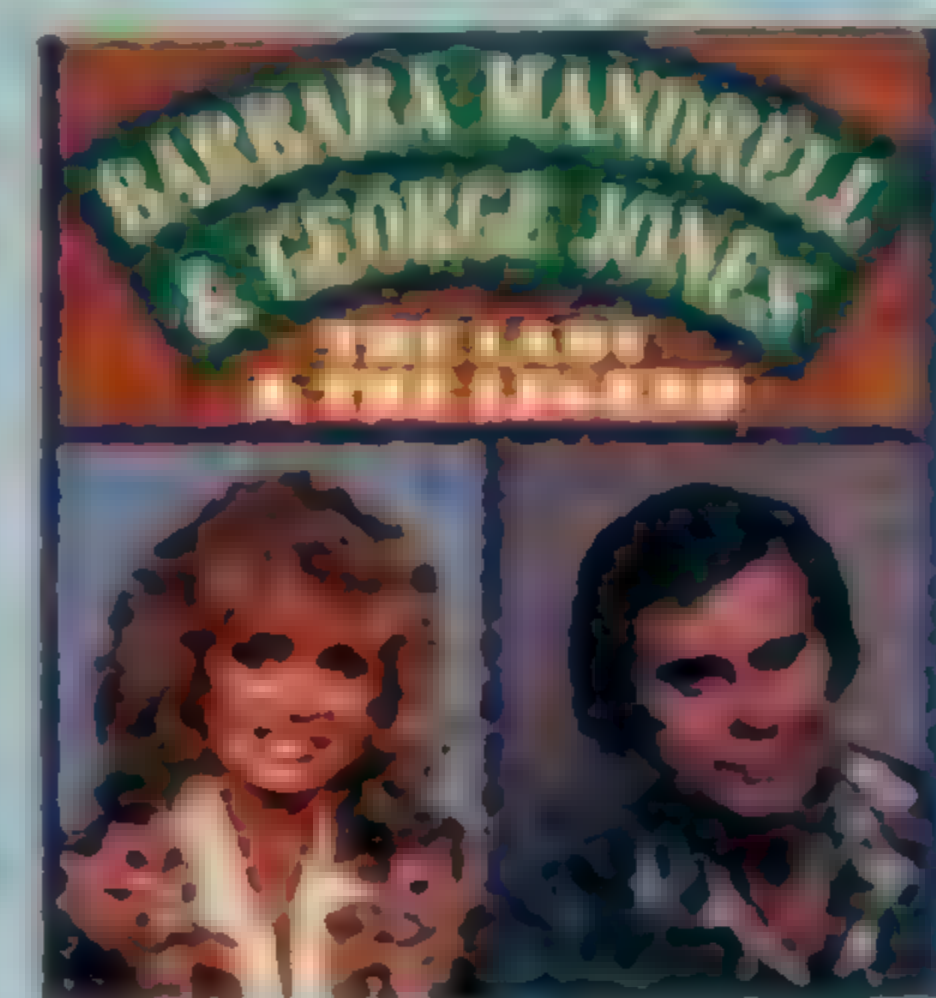
G Put the Hammer Down



H Summer Means Fun



J B. Mandrell & G. Jones



K Fiedler & Friends



L Mancini & The Doc



M Beach Boys & Jan 'n Dean



Doc Severinsen Digitally Recorded LP



NEW FOR '84

With London's National Philharmonic Orchestra

6⁹⁹

Superb sound at a breakthrough price! Recorded live and mixed direct to 2-track digital equipment. Pressed on premium vinyl.

51-3018 6.99

A **Outlaw Country.** Rugged, western-style hits by Moe and Joe, David Allen Coe, George Jones, Willie Nelson, Johnny Paycheck, Charlie Rich, Charlie Daniels Band, Lacy J. Dalton, Johnny Cash, more. 51-9004 4.99

B **Willie Nelson, Once More With Feeling.** Bloody Merry Morning, Yesterday's Wine, Help Me Make It Through the Night, I'd Trade All of My Tommorrows, Hello Walls, My Own Peculiar Way, Will You Remember, more. 51-9008 4.99

C **Carl Perkins and Eddie Cochran, Go, Cat, Go.** Boppin the Blues, Blue Suede Shoes, Honey Don't, Dixie Fried, Matchbox, C'mon Everybody, Summertime Blues, Nervous Breakdown, more. 51-3019 4.99

D **The Everly Brothers, Walkin' Right Back.** That's Old Fashioned, Let It Be Me, Wake Up Little Suzie, Walk Right Back, Lucille, Cathy's Clown, Bye Bye Love, more. 51-3014 4.99

E **Rockin' 'n' Rollin With Chuck Berry & Little Richard.** Johnny B. Goode, Reelin' & Rockin, Rock & Roll Music, Sweet Little Sixteen, Roll Over Beethoven, Long Tall Sally, Good Golly Miss Molly, more. 51-3012 4.99

F **Mickey Gilley and Jerry Lee Lewis, Country Cousins.** Great Balls of Fire, Whole Lotta Shakin', Breathless, Stand By Me, Don't the Girls Get Prettier When It's Clostin Time, Honky Tonk Memories, more. 51-3015 4.99

G **Put the Hammer Down.** Ten truckers favorites! Movin' On, White Line Fever, Merle Haggard; Convoy, C.W. McCall; Phantom 308, Red Sovine; six others. 51-6101 4.99

H **Summer Means Fun.** Surfin' and Draggin' hits by The Beach Boys, The Fantastic Baggys, Jan & Dean, The Safaris, The Chantays and Eddie Cochran. 51-3006 4.99

J **Barbara Mandrell and George Jones.** I'm Not Ready Yet, White Lightnin', Once You've Had the Best, She Thinks I Still Care, Treat Him Right, Do Right Woman, Do Right Man, more. 51-9016 4.99

K **Arthur Fiedler and Friends.** Ten Boston Pops offerings featuring guest artists Peter Nero, Chet Atkins, Stan Getz, Al Hirt and the immortal Duke Ellington. 51-9012 4.99

L **Henry Mancini & Doc Severinsen.** The Pink Panther Theme, Theme from Summer of '42, Moon River, Round Midnight, A Song for You, Dreamsville, more favorites. 51-3003 4.99

M **Beach Boys & Jan 'n Dean.** Surfin' USA, Deadman's Curve, Surf City, Little Deuce Coupe, Fun, Fun, Fun, I Get Around, Drag City, Little Old Lady from Pasadena, more. 51-9010 4.99

Come in and See Our Complete Line of Stereo Cassette Decks and Personal Portables

*TM Dolby Laboratories Licensing Corp.

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Our Best! With Dolby* B Noise Reduction and Computerized Memory Tuning



**NEW
FOR '84**

249⁹⁵

Only \$26 Per Month
On CitiLine Credit

- 30 Watts Total Output Power
- Dolby NR Reduces Tape Hiss and Noise
- LED Display for Station Frequency and Time
- 12-Station Memory • Full Automatic Tape-Eject

Realistic's finest-ever autosound player has it all! You get digital synthesized circuitry for totally accurate tuning and drift-free reception. A computerized memory gives you instant, soft-touch selection of six AM and six FM stations. You also can scan the AM or FM band and stop at each station. The LED display reads station frequency and changes to accurate quartz time after a station is locked in. Features easy-to-set time and station memory with LED indicator, automatic mono/stereo switching for superior FM, loudness pushbutton for bet-

ter sound at low volume levels, separate bass and treble controls and a PLL IC for wide FM stereo separation (30 dB). Cassette player has a metal/standard tape selector, Auto-Eject at end of tape and when ignition is shut off, automatic replay after rewind, locking fast-forward and rewind, LED indicators for Dolby NR and tape "on". And there's a switched power lead for adding a power antenna or other accessory. Step up to the finest in autosound for "home hi-fi" realism!

12-1903 249.95

With Dolby* B NR, Auto-Search and Fader—For In or Under Dash



**NEW
FOR '84**

179⁹⁵

- 24 Watts Total Output Power
- Auto-Search System Makes it Easy to Find Your Favorite Selections on Cassettes
- Dolby NR Reduces Tape Hiss and Noise
- Fader to Balance Four-Speaker Systems

Latest styling plus features for outstanding sound and easy operation. Tuner has automatic stereo/mono switching for best FM reception wherever you drive. Cassette has a selector for metal tape, locking fast-forward and rewind, automatic replay after re-wind, automatic

release at end of tape and when ignition is shut off. Amplifier has separate bass and treble controls, fader control and loudness pushbutton. With in and under dash mounting hardware and a switched accessory power lead. 12-1904 179.95

Even Our Lowest Priced Model Has Separate Bass and Treble Controls



**NEW
FOR '84**

89⁹⁵

Available Sept. 30, 1983

- 24 Watts Total Output Power
- End-of-Tape Auto-Stop • Loudness Button

Super stereo at an amazing low price! Has plenty of power to overcome road and engine noise. You'll appreciate the separate full-range bass and treble controls, loudness button for better sound when you listen at low volume, and mono/stereo pushbutton for best reception of

weak or distant FM stations. You also get the convenience of pushbutton fast-forward/manual eject, LED indicators for FM stereo and tape modes, plus a switched lead for a power antenna or other accessory. 12-1900 89.95

SUPERB SOUND! HIGH-POWERED STEREO IN-DASH

Auto-Reverse, Computer-Memory Tuning and LED Station/Time Display

**NEW
FOR '84**

219⁹⁵

Available Sept. 30, 1983



- 24 Watts Total Output Power
- Auto-Reverse Plays Both Sides of Cassettes
- LED Display for Station Frequency and Time
- Pushbuttons for Six AM and Six FM Stations

This deluxe player delivers non-stop cassette listening plus convenient locking fast-forward and rewind and tape-release when ignition is shut off. Digital synthesized tuner is 100 percent accurate and drift free. Scans AM and FM bands, stops automatically at each station. Computer memory provides instant selection of 12 stations. LED

frequency display reads precise quartz time after station is locked in. Also features standard/metal tape selector, automatic FM mono/stereo switching, separate bass and treble controls, loudness button for best sound at low volume, plus a switched accessory power lead. **12-1905 219.95**

LED Display and Auto-Search



**ONE
OF
OVER 350
NEW LOW PRICES**

169⁹⁵

- 24 Watts Total Output Power
- Auto-Search Music System Makes it Easy to Find Individual Selections on Cassettes

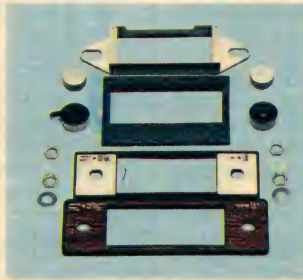
LED frequency display also shows accurate time when you listen to tapes, dims for night driving. Has Dynamic Signal Enhancer and mono/stereo button for great FM, locking fast-forward/rewind, Auto-Stop, separate bass and treble, loudness button, front/rear fader, recessed time-set buttons. **12-1899 169.95**

"Universal" Size With Auto-Reverse and Auto-Eject

**NEW
FOR '84**

199⁹⁵

With two different trim plates, molded nosepiece, gasket for GM/Ford cars.



- 30 Watts Total Output Power
- Fits Almost All Imported and Domestic Cars
- Signal Enhancer IC Dramatically Improves FM
- Pushbuttons to Preset Five Favorite Stations

Features separate bass and treble controls, locking fast-forward and rewind, automatic tape eject when ignition is shut off. Has switched power lead and line-out jack for adding our 100-watt booster or other components. FM stereo/mono switch, LED indicators for tape direction and stereo FM. **12-1902 199.95**

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nose Piece Size (H x W x D)		Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1880✓	DIN	1 3/4 x 7 3/32 x 4 9/16	44 x 180 x 116	1 1/16 x 4 9/16 x 1 3/16	43 x 116 x 30	5 1/8 to 6 5/16	130 to 160
12-1896	DIN	1 3/4 x 7 3/32 x 4 15/16	44 x 180 x 125	1 1/16 x 4 9/16 x 1 3/16	43 x 116 x 30	5 1/8 to 6 5/16	130 to 160
12-1899	Mini	1 3/4 x 6 5/16 x 4 15/16	44 x 160 x 125	1 21/32 x 4 1/8 x 1 3/8	42 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1900✓	DIN	1 3/4 x 7 1/4 x 4 5/8	44 x 180 x 120	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 5 13/16	130 to 148
12-1901	DIN	1 3/4 x 7 x 5 1/4	44 x 178 x 130	1 3/4 x 4 1/8 x 1	44 x 105 x 32	5 3/8 to 5 13/16	136 to 147
12-1902✓	DIN/Univ.*	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 3/4 x 3 5/8 x 1	40 x 90 x 24.5	5 to 5 13/16	125 to 148
12-1903✓	DIN	1 3/4 x 7 1/4 x 6	44 x 180 x 150	1 21/32 x 4 1/3 x 1 1/2	42 x 109 x 38	5 1/8 to 6 7/32	130 to 158
12-1904✓	DIN	1 3/4 x 7 x 5 1/4	44 x 178 x 130	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1905✓	DIN	1 3/4 x 7 3/32 x 6	44 x 180 x 145	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 5 13/16	130 to 148
12-1906✓	Mini/Univ.*	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 3/4 x 3 5/8 x 1 3/8	41.5 x 93 x 35	5 to 5 13/16	125 or 148
12-1907	Mini	1 3/4 x 6 1/4 x 4 1/2	44 x 159 x 114	1 1/16 x 3 5/8 x 1 1/16	39 x 90 x 27	4 7/8 x 5 1/8	124 to 130

DIN size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. **MINI** fits smallest Japanese cars, most domestic compacts and subcompacts. ✓ Includes Ford/GM rubber gasket for nosepiece. * Fits standard and import-size cars. **GENERAL INFORMATION:** All players include ample speaker cable, mounting hardware, illustrated instructions, trim plates and nosepieces. For 12VDC negative ground only. **CAUTION:** Do NOT use high-power players with common ground (3-wire) speaker-wiring or switches. **NOTE:** 6 5/16" (160 mm) shaft spacing is standard for most domestic trucks.

AM/FM STEREO TAPE PLAYERS—FIVE GREAT VALUES

In-Dash, Auto-Reverse Cassette Puts Great Stereo in Almost Any Vehicle



**NEW
FOR '84**

109⁹⁵

- Mini Size—Fits Imports
- Locking Fast-Forward and Rewind
- Mono/Stereo Button for Best FM Reception

Convenient Auto-Reverse system plays both sides of cassettes automatically and a tape-reverse control takes you to the other side of the tape instantly. Has switched power lead for adding accessories such as our 100-watt booster amplifier or any auto-

matic antenna. Features an LED indicator for stereo FM, separate pushbuttons for locking fast-forward and rewind, manual eject, radio on/off and AM/FM selection. 8 watts total output.

12-1906 109.95



Easy to Install in Big or Small Vehicles

Everything you need for a professional-looking fit! Includes two trim plates: One is for import/compact cars, the other for standard-size cars. A nosepiece adapter and rubber gasket are provided for dash mounting in GM and Ford makes.

Mini-Size Mounts In or Under Dash



**NEW
FOR '84**

79⁹⁵

Available Oct. 15, 1983

- Auto-Stop at End of Tape
- Metal/CrO₂ Tape Selector
- Ideal for GM X-Body Cars!

Small size and price only! This is a dependable performer with a locking fast-forward/manual eject control and stereo/mono button for best reception of distant FM stations. Tape "on" and FM stereo indicators, lighted dial, switched power lead for accessories. Mounts vertically or horizontally. With nose piece, under-dash bezel. 8 watts total output. 12-1907 79.95

In-Dash With Pushbutton Radio



119⁹⁵

- Compact DIN Size • Auto-Stop
- Locking Fast-Forward/Eject Button

Pushbutton convenience at way below the cost of factory installed! You get instant selection of any five stations. End-of-tape Auto-Stop in play and fast-forward modes helps prevent tape damage. Stereo/mono button improves reception of weak or distant FM stations. Has lighted dial, LEDs for FM stereo and tape modes. 8 watts total output. 12-1896 119.95

Low-Cost In-Dash AM/FM Stereo Cassette

**ONE
OF
OVER
350
NEW LOW PRICES**

Was \$79.95 in 1983 Catalog



69⁹⁵

- DIN-Size • Auto-Stop at End of Tape
- Stereo/Mono Switch for Best FM

Superb sound and in-dash security—now even more affordable! Player starts when a cassette is inserted, stops automatically at end of tape. Pushbutton for locking fast-forward/eject, lighted dial, tape and FM stereo indicators. Rotary volume, tone, balance and tuning controls. 8 watts total output. 12-1880 69.95

Radio Shack Has Low-Cost 8-Track

**NEW
FOR '84**

79⁹⁵

- DIN Size Mounts In or Under Dash
- Lighted Dial • Local/DX Button



Adds AM, FM stereo and 8-track to your car at a great low price. Features pushbutton selection of radio/tape, AM/FM, FM stereo/mono, local/distance. Left rotary control is for on/off, tape program, tone. Right is for tuning, balance. Stereo FM and 8-track program indicators. 8 watts total output. 12-1901 79.95

UNDERDASH STEREO CASSETTES, 8-TRACKS, RADIOS

With Auto-Search and Auto-Reverse

With Dolby* B NR and Auto-Reverse



69⁹⁵

- Auto-Search Music System Makes it Easy to Find Tape Selections
- Convenient Auto-Reverse Plays Both Sides of Your Cassettes Automatically

What a value! This compact player gives you the two handiest cassette features at an incredible low price. Auto-Search lets you advance a tape to the start of the next selection or replay a selection with the touch of a button. Separate locking fast-forward and rewind plus slide-action volume, tone and balance controls make it easy to operate while you drive. Also has LED indicators for tape direction and Auto-Search "on", manual stop/eject button. $1\frac{1}{16} \times 5\frac{1}{2} \times 6"$. 8 watts total output. 12-1801 69.95



*TM Dolby Laboratories Licensing Corp.

**NEW
FOR '84**

99⁹⁵

Available Sept. 30, 1983

- 24 Watts Total Output Power
- Auto-Search Music System Helps You Find Cassette Selections Quickly
- Standard/Metal/CRO₂ Tape Selector

Our best underdash cassette gives you three times the power of most players—and that's just the beginning! Dolby Noise Reduction system dramatically reduces tape hiss and Auto-Reverse plays both sides of cassettes automatically. The Auto-Search, locking fast-forward and rewind, and direction-change buttons help you find selections in seconds, not minutes. Also features separate slide-action bass and treble controls, $\frac{1}{8}"$ jack for stereo headphone, LED indicators for tape direction and Dolby. $2 \times 5\frac{7}{8} \times 6\frac{1}{2}"$.

12-1802 99.95

"Super-Mini" Cassette Fits Anywhere



59⁹⁵

Perfect for
Sports Cars,
Subcompacts
And Imports

Fine sound that's easy to mount under dash, in glove compartment or center console. Features end-of-tape Auto-Stop with LED indicator, convenient locking fast-forward and slide-action volume, balance and tone controls. Only $1\frac{3}{4} \times 5\frac{1}{4} \times 5\frac{5}{16}"$. 8 watts total output. 12-1803 59.95

Our Lowest Priced Car Stereo Cassette

**ONE
OF
OVER
NEW LOW PRICES**

37⁹⁵

Was \$39.95 in
1983 Catalog



Compact in size and price, yet has all the basic features and surprisingly good sound! Auto-Stop in play mode, locking fast-forward, pushbutton eject, plus slide-action volume, tone and balance controls. Easy to install—only $1\frac{5}{8} \times 5\frac{9}{16} \times 5\frac{1}{4}"$. 8-watts total output. 12-1807 37.95

Easy-to-Install Radios, Two Excellent Values



47⁹⁵

- Lighted Dial
- Built-In Speaker

AM/FM Radio. Compact DIN size for in or under dash. Local/DX and Hi/Lo tone switches, jack for external speaker. Great for truckers—works on 12VDC positive or negative ground. $1\frac{7}{8} \times 6\frac{5}{8} \times 4\frac{7}{8}"$ (48 x 168 x 124 mm). 12-1353 47.95



27⁹⁵

- 4" Speaker
- Hi/Lo Tone Switch

AM Radio. Fits in dash of many cars and under dash of almost all vehicles! Great sound at one-third the cost of factory-installed. Lighted dial. 12VDC negative ground only. $1\frac{3}{4} \times 5\frac{1}{2} \times 6\frac{3}{8}"$ (44 x 140 x 162 mm). 12-1352 27.95

Space-Saving 8-Track Bargain

39⁹⁵



- Slide-Action Controls
- Mounts Easily—Just $6\frac{7}{8}"$ Deep

This smart-looking player fits under dash of the smallest cars. Or mount it in glove compartment or center console. Has pushbutton program change with LED indicators, slide-action volume, tone, balance, reliable IC amplifier. $2\frac{1}{2} \times 4\frac{3}{4} \times 6\frac{7}{8}"$. 8 watts total output. 12-1800 39.95

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete illustrated instructions. All except #12-1353 are for 12VDC negative ground only.

MATCHED STEREO SPEAKER PAIRS TO FIT MOST CARS



3-Way 5 1/4" Flush Mount Speaker System

ONE OF OVER 350 NEW LOW PRICES

6995 Pair

Was \$79.95 in 1983 Catalog

80 Watts Power Handling Capacity

This deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Boasts individually mounted 5 1/4" woofer, 2 1/2" midrange and 2" tweeter, with electronic crossover. Fits standard 6 x 9" cut-out. 2 3/4 x 9 3/4 x 6 3/4". 12-1854 Pair 69.95

Our Finest 3-Way 6 x 9" Flush Mounts

9995 Pair

- 3" Midrange
- 1 3/4" Tweeter
- 6 x 9" Polypropylene Woofer Resists Moisture
- 120 Watts Power Handling Capacity



Superb flush-mounts deliver full-range sound to 18,000 Hz. 20-oz. magnets for fantastic bass response. Mesh grilles. No retainer rings required. 12-1857 Pair 99.95



2-Way 5 1/4" Surface Mounts

5995 Pair

60 Watts Power Handling Capacity

These superb speakers feature individually mounted 5 1/4" woofer, 2" tweeter, open-mesh grilles, electronic crossover network. 3 x 9 1/2 x 6 1/4" molded housings.

12-1853 Pair 59.95



3-Way 5 1/4" Flush Mounts

5995 Pair

60 Watts Power Handling Capacity

Snap-On Metal Grilles

High-powered hi-fi sound! Big 5 1/4" air-suspension woofer and 20-oz. magnet, 1" voice coil, 2" midrange, 1" horn tweeter, electronic crossover. No retainer rings required.

12-1856 Pair 59.95

5 1/4" Surface Mounts



2995 Pair

Quality speakers with cloth-rolled dual cone and powerful 8-oz. magnet. Acoustic suspension for deep bass. Durable molded housings. 7 3/4 x 7 1/2".

12-1849. Pair 29.95

40 Watts Power Handling Capacity

Space-Saving 5 1/4" Flush Mounts



40 Watts Power Handling Capacity

2995 Pair

Moisture Shields Included

Only 1 1/4" deep—mount easily in door panels or anywhere space is shallow. Metal grilles. No retainer rings required.

12-1855 Pair 29.95

Compact 4" Flush Mounts

2995 Pair

40 Watts Power Handling Capacity

Ideal size for imports and compacts. Dual-cone design, with 6.5-oz. magnets. No retainer rings required.

12-1858 Pair 29.95



Budget 5 1/4" Surface Mounts

1795 Pair

20 Watts Power Handling Capacity

Wide-response dual-cone speakers, with 4 1/4-oz. magnets, mounted in durable molded housings. Easy to install or remove to re-mount in your next car. 7 3/4 x 7 1/2".

12-1844 Pair 17.95



5 1/4" Flush Mount Speakers

20 Watts Power Handling Capacity

1795 Pair

Buy 'em for miles of listening pleasure! Wide-response dual-cone speakers with 4 1/4-oz. magnets. With retainer rings for quick mounting without removing door panels. Metal grilles. 12-1843 Pair 17.95



3" Surface Mount Speakers

1195 Pair

20 Watts Power Handling Capacity

An economical way to add fine sound to any car! Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavy-duty ceramic magnets. 12-1852 Pair 11.95



Space-Saving 5" Flush Mounts

20 Watts Power Handling Capacity

1195 Pair

Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Molded vinyl grilles. 12-1851 Pair 11.95



VALUES IN AUTOSOUND SPEAKERS & ACCESSORIES

2-Way Budget System



Reg. Separate
Items 14.90

• 2" Piezo
Tweeter
• 4" Woofer
20% Off
1195
Set

Custom design a speaker system for your car. Great 55-25,000 Hz response! No crossover required, easy parallel hookup. Handles 10 watts. 40-1022/1383 11.95

Powerful 2-Way System



Save \$495
• 3 3/4" Piezo
Tweeter
• 6 1/2" Woofer
1995
Set

A superbly matched speaker system with great 50-20,000 Hz response! No crossover required, easy parallel hookup. Handles 50 watts. 40-1382/1009 19.95

The Minimus®-7's "Little Brother"



1995
Each

Mounting
Bracket

350
OF
OVER
NEW LOW PRICES

995
Pair

Minimus-3.5. Ideal for stereo in small cars. Extraordinary 3" speaker, high-density molded enclosure. 5 5/8 x 3 5/8 x 3 3/8".

40-1996 19.95

Mounting Bracket. Was \$10.95 in 1983 cat. 40-1997 Pair 9.95

2-Way, Die-Cast Metal Minimus-7

4995
Each

Mounting
Bracket

1495
Pair



4" woofer, 1" tweeter. 40W. 7 1/16 x 4 7/16 x 4 5/16".

Black. 40-2030 49.95

Silver. 40-2034 49.95

Bracket. 40-2031 Pair 14.95

6 x 9" 3-Way Speaker



2795
Each

Was \$29.95
in 1983
Catalog

350
OF
OVER
NEW LOW PRICES

Woofer with 10-oz. magnet, 3" mid-range, 1/2" tweeter. 30W.

40-1356 27.95

6 x 9" Speakers

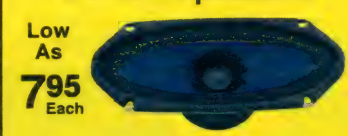


Low
As
695
Each

Whizzer cones.

Cat. No.	Mag.	Watts	Was	Now
40-1260	10.0 oz.	30	12.95	11.95
40-1268	5.3 oz.	10	9.99	9.95
40-1269	3.0 oz.	6	...	6.95

4 x 10" Speakers



Low
As
795
Each

Dual cones, ceramic magnets.

Cat. No.	Mag.	Watts	Was	Now
40-1297	10.0 oz.	30	12.95	11.95
40-1243	5.0 oz.	10	8.59	7.95

5 x 7" Speaker



350
OF
OVER
NEW LOW PRICES

695
Each

Was \$7.99 in 1983 Catalog

3-ounce ceramic magnet with 10 watts power handling capacity. 4/8/16 ohms. 40-1261 6.95

4 x 6" Speaker



595
Each

350
OF
OVER
NEW LOW PRICES

Was \$6.95 in 1983 Catalog

Wide-range sound. Handles up to 10 watts. 5.3-ounce ceramic magnet. 8 ohms. 40-1298 5.95

5 1/4" Speakers



Low As
595
Each

Ideal for car doors
or back panels.

Cat. No.	Mag.	Watts	Was	Now
40-1354	10.0 oz.	40	12.95	11.95
40-1241	5.3 oz.	8	5.99	5.95

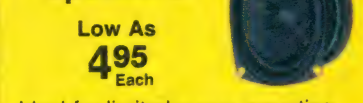
5" Speakers



Low As
495
Each

Cat. No.	Mag.	Watts	Was	Now
40-1284	9.8 oz.	20	...	9.95
40-1909	5.3 oz.	10	...	6.95
40-1240	2.8 oz.	5	5.79	4.95

4" Full-Range Speakers



Low As
495
Each

Ideal for limited-space mounting.

Cat. No.	Mag.	Watts	Was	Now
40-1197	6.80 oz.	10	10.95	9.95
40-1203	0.53 oz.	2	...	4.95

3 1/2" Speakers



Low As
495

350
OF
OVER
NEW LOW PRICES

5-Oz. Magnet. NEW! Dual-cone. 20W. 40-1325 6.95

New Low Price! 2.8-Oz. Magnet. 4W. Was \$5.99 in 1983 cat.

40-1333 4.95

Wire-Mesh Grilles



299
429

[A] 5 1/4" or 6". High-temperature molded "silver" frame. Dust cover, mtg. hdw. 40-1336 Ea. 2.99

[B] 6 x 9". As above, except fits 6 x 9" speakers. 40-1335 4.29

6 x 9" Steel Grille



239
Each

NEW FOR '84

For mounting 6 x 9" speakers in car. Texturized jet black finish. With mounting hardware and template. 40-1175 2.39

Molded Grilles



Fig.	Description	Cat. No.	Each
C	4" or 5" door	40-1291	1.99
D	6 x 9" rear deck	40-1337	2.99
E	4 x 10" rear deck	40-1338	3.99

Headphone Controller



NEW FOR '84

799

Outlets for two mini-headphones, volume control. Speaker cut-off switch. With standard connectors, mtg. hardware. 270-049 7.99

Recommended for passenger use only

Stereo Faders



Low As
499

High-Power. Provides front-to-rear balance adjustment. 40 watts.

270-048 6.99

Standard. 5W. 270-047 4.99

Selector/Fader



599

Select stereo tape or radio. Control front-to-rear balance to suit your taste. 270-046 5.99

Selector Switch



299

Switch from tape to radio using the same pair of speakers. Includes hardware and instructions.

270-045 2.99

All Speakers and Accessories on This Page, if Applicable, Are 8 Ohms

PERFORMANCE-BOOSTERS FOR SUPER AUTOSOUND

100-Watt Stereo Amplifier With 18-Foot Heavy-Duty Cable

119⁹⁵



50 Watts Per Channel

Mounts In Trunk Or Under Dash

Boosts power of any autosound system! Selectable high/low level inputs—works with separate components, too. Auto power "on", noise filter, overload protection. Only 1% THD at 80 watts. $2\frac{3}{8} \times 6\frac{9}{16} \times 8\frac{1}{16}$ ". With complete instructions, mounting hardware. 12-1866 **119.95**

40-Watt Stereo Frequency Equalizer/Boosters

Five Bands, Fader Control



ONE OF OVER 350 NEW LOW PRICES

Was \$69.95 in 1983 Catalog

59⁹⁵

Improves your present system—expands dynamic range and gives you total tonal control. Thin-line design fits under any dash. Five-level LED power meter, fader control for 4-speaker systems. Band centers: 60, 250, 1000, 3500, 12,000 Hz. Only 1% total harmonic distortion at 30 watts. $1\frac{3}{16} \times 5\frac{7}{8} \times 4\frac{3}{4}$ ".

12-1865 **59.95**

Seven Bands, Fader Control



ONE OF OVER 350 NEW LOW PRICES

Was \$79.95 in 1983 Catalog

69⁹⁵

Our best! Dramatically improves dynamic range and tone—it will fill even a motorhome with great sound. Seven slide-action controls boost or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Has rotary front/rear fader control for 4-speaker systems. Only 1% THD at 30 watts. $2 \times 5\frac{1}{2} \times 6$ ".

12-1862 **69.95**

7-Band Stereo Equalizer



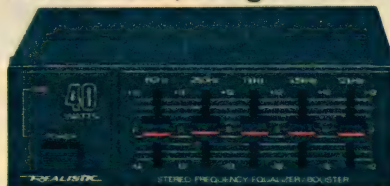
NEW FOR '84

39⁹⁵

12 dB Boost/Cut Range

Adds precise tonal balance to most high-power amps. Band centers: 50, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Phono-type input and output jacks. Bypass pushbutton. $1\frac{9}{10} \times 5\frac{2}{3} \times 4$ ". With underdash mtg. hdwe. 12-1867 **39.95**

Five Bands, Bargain Price



NEW FOR '84

34⁹⁵

Perfect for two-speaker systems! Increases power and lets you boost or cut response up to 12 dB in bands centered at 60, 250, 1000, 3500 and 12,000 Hz. Only 1% THD at 30 watts. $2 \times 5\frac{1}{4} \times 6$ ". 12-1868 **34.95**

40-Watt Power Booster

ONE OF OVER 350 NEW LOW PRICES



Was \$27.95 in 1983 Catalog

24⁹⁵

Compact, Yet Powerful

Widens the dynamic range of your present autosound system—lets you hear the music over road and engine noise. Easy hookup and simple pushbutton operation. Only 1% THD at 30 watts. $1\frac{1}{4} \times 4 \times 6\frac{7}{8}$ ". 12-1860 **24.95**

Compact, Easy-to-Install FM Converter



24⁹⁵ Lighted Dial

- Plug-In Hookup
- Uses Existing AM Antenna

Start enjoying the music you're missing! Adds FM to your AM car radio. No rewiring. For underdash. $1\frac{3}{16} \times 4 \times 5\frac{1}{4}$ ". 12VDC neg. gnd. 12-1350 **24.95**

Add TV Sound and Weathercasts to Your AM Car Radio

NEW FOR '84

24⁹⁵

Hear Sports, TV News, National Weather Service Or Your Favorite Soap Opera While You Drive

Easy plug-in hookup! Covers: VHF-TV channels 2 to 6, VHF-TV channels 7 to 13 plus 162.40 to 162.55 MHz Weather band. $1\frac{7}{16} \times 4\frac{7}{16} \times 5\frac{5}{16}$ ". With underdash hardware. For 12VDC neg. gnd. 12-1354 **24.95**



- Wide, Lighted Dial
- Smooth Rotary Tuning

Play Cassettes On Your 8-Track



Works With Car or Home Players

34⁹⁵

Simply insert like an 8-track tape to adapt your 8-track player for stereo cassettes. Features locking fast-forward and pushbutton eject. $1\frac{3}{4} \times 4\frac{3}{4} \times 9\frac{7}{8}$ ". 12-1875 **34.95**

In-Dash Installation Kit

NEW FOR '84

9⁹⁵



Fits 15 Different GM Models

Makes it easy to install autosound in 1982-83 A, F, J and S-body vehicles. Mounting panel, 8 plastic brackets, complete instructions. 12-1359 **9.95**

Compact FM Signal Booster

19⁹⁵

Ideal for Weak-Signal Areas



Brings more stations in clearly on your FM radio. 6 dB boost. Simple plug-in installation. Dual-polarity, 12VDC pos. or neg. gnd. $1 \times 3 \times 2\frac{3}{8}$ ". 12-1873 **19.95**

NOTE: Boosters rated at total watts rms output, both channels. For 12VDC negative ground only. All include underdash mounting hardware. CAUTION: Do not use 12-1868, 12-1865, 12-1862 or 12-1860 with "common ground" (3-wire) speaker hookups.

WIDE SELECTION OF AUTOSOUND ACCESSORIES

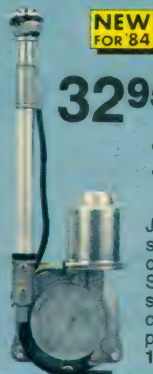
Improve Your Radio Reception With a New Antenna

AM/FM Power Antenna Retracts Under Fender



- A Ford Antenna.** For 1967-'81 models with four-screw mounting. 31" stainless steel whip, 72" cable. 12-1305 8.99
- B Universal "8 Ball".** For top cowl or fender. Three sections extend 21 1/4 to 55". Adjusts up to 35°. 12-1306 5.39
- C Stainless Steel Spring.** Swivel ball mount for top cowl, fender. Three-section stainless steel whip, 25 3/8 to 55". Adjusts 90° 48" cable. 12-1307 7.99
- D Heavy-Duty for RV/Van/Pickup.** For fender, roof, side panel. Three-section stainless steel whip, 25" to 60". Chromed swivel base, 84" cable. 12-1319 14.49

- E Universal Pillar Mount.** 3-section whip, 19 1/2" to 51". Cable, 61". Mounting hole spacing: 2 1/2" to 18". Fits most Japanese cars except Honda. 12-1320 6.99
- F Replacement Whip.** Fits over "stub" of broken antenna. 31" stainless steel. Ideal for FM stereo reception. 12-1316 4.99
- G One-Piece Mini.** For cars with narrow fenders. Requires 1 3/16" mounting hole. 31" stainless steel whip. 54" lead-in. Ideal for FM stereo. 12-1322 6.99
- H Antenna.** 31" stainless steel for top cowl or fender mounting. Perfect for FM stereo. 48" cable. 12-1329 8.99



NEW FOR 84
32.95



- Prevents Vandalism
- Requires Only 1 1/4" Depth in Fender

Just switch it on and the stainless steel mast extends over 39" in 3.5 seconds. Semi-automatic. Manual switch included. Fits most cars, trucks. With cable, power lead. 12VDC neg. gnd. 12-1323 32.95

Extension Cables, Connector

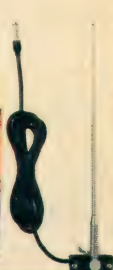
- J 12-Ft. Inline Extension.** Motorola-type plug on one end, jack on the other. Built-in capacitor. 12-1311 3.99
- K 24" Inline Extension.** Male connector at one end, female at other. 12-1312 1.49
- L Universal 3-Way Connector.** Two Motorola-type jacks to one plug. Couples two antennas to one radio or one antenna to two radios. 12-1313 1.99
- M 24" Male/Male Extension Cable.** 12-1314 1.49

Truck/Car Gutter Antenna

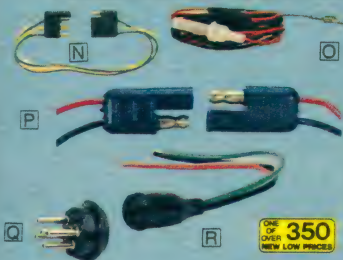
Mounts on Rain Gutter Securely With Wing Screw

Ideal for truckers, company-car drivers and others who need an AM/FM antenna that can be installed and removed easily. Three-section whip extends to 29 1/2". Includes 78" cable with plug. 12-1324 6.99

NEW FOR 84
6.99



Automotive Connectors for Dependable Hookups

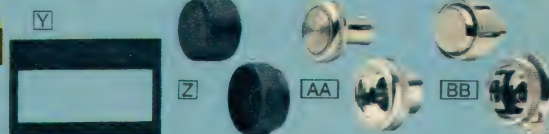


- N 4-Conductor Quick-Disconnect Cable.** Ideal for connecting trailer lights and accessories. 12" loop of wire. Color coded. 270-027 1.99
- O 4-Ft. Polarized, Fused DC Power Cable.** For auto-sound, CB, scanners. 270-025 1.99
- P Quick-Disconnect Plugs.** Heavy-duty polarized contacts. 12" loop of wire with one male, one female connector. 270-026 99c
- Q 5-Pin Speaker/Power Plugs.** Fits Realistic® and many other brands. 274-1210 Pkg. of 2/79c
- R 5-Pin Inline Socket With Leads.** Mates with Fig. Q and many speaker harnesses. Was \$1.39 in 1983 Catalog. 274-1215 1.19

350
END OF YEAR LOW PRICES

Trim Gasket and Knobs for Autosound

- Y Trim Gasket.** For in-dash mounting of car stereo units in many late-model GM and Ford cars. 270-036 1.29
- Knobs.** Two inner and two outer knobs fit both "D" and split shafts.
- Z Import.** Black. 274-425 Set of 4/1.79
- AA Standard.** Chromed finish. 274-426 Set of 4/2.99
- BB Low-Profile.** Chromed finish. 274-427 Set of 4/2.99



Cigarette Lighter Plugs, Cords and 12VDC Outlets



- S 10-Ft. Extension Cord.** For powering accessories. 8 amps. 270-1536 4.99
- T Lighter Plug.** Connects accessories easily. Fits standard lighter socket. Handles up to 8 amps. 274-331 1.09
- U Heavy-Duty Fused Lighter Plug.** Requires 3AG fuse. Solder type. 274-335 1.79
- V Lighter Plug With Cord.** Rated 8 amps. With 8-ft. cord. 270-021 2.19
- W Accessory Outlet.** For 12VDC equipment. Mounts in or under dash. 270-1539 4.89
- X 2-Outlet Y-Adapter.** Power two 12VDC accessories from lighter. 8A. 270-1535 4.99

Plug-In Automotive Lamps

- CC Magnet Utility Light.** Strong magnet attaches light to hood, trunk or auto body. Ideal for emergency repairs. Plugs into cigarette lighter. 12-ft. retractable cord. 12VDC. 61-2502 3.99
- DD Flexible Map Light.** Plugs into lighter. Compact—stores in glove box. Has flexible 5"-long neck, on/off switch. 12VDC. 61-2501 3.99



3.99
Each

AUTO ACCESSORIES TO ADAPT, ANALYZE & ORGANIZE

Universal DC Auto Adapter

With Six Adaptaplugs™

**NEW
FOR '84**

995



- Reduces 12 Volts to 3/4.5/6/7.5/9 Volts
- Reversible Output Polarity • LED "On" Indicator

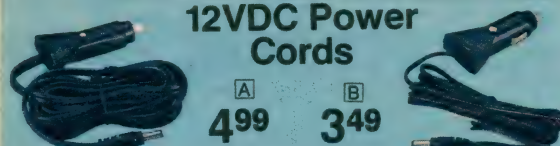
Power your battery-operated radio, tape player or personal portable through your vehicle's lighter socket. Fits almost all equipment with a DC input jack and up to 300 mA current requirement. Protective circuit shuts down unit in case of overload. Fused. 6-foot cord. 12VDC neg. ground only. 270-1560 9.95

High Power 6-9-12 Volt Adapter 1295



For larger portable stereos, small TVs, VCRs (delivers 6V at up to 1/2 amp, 9V at up to 900 mA and 12V at up to 3 amps). Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused. LED "on" indicator. 270-1562 12.95

12VDC Power Cords



A Heavy-Duty. Ideal for TV and VCR use. Polarity tip positive, sleeve negative. Replaceable fuse. U.L. listed. 270-1534 4.99

B Standard Power Cord. For walkie-talkies, tape players, etc. Replaceable fuse. 270-1533 3.49

SPST Auto Panel Switches



H Dual Switch Panel. Two switches rated 10A at 12VDC. Includes two 12V long-life lamps. Complete with mounting hardware. 275-707 4.99

J Lighted Rocker Switch Panel. Rated 20A at 12VDC. Long-life lamp. Quick-disconnect terminals. Mounting hardware. 275-704 3.99

K Switch With Pilot Light. Single 5-amp switch with 12VDC lamp assembly and red lens. Mounting hardware. 275-703 2.99

L Double Under-Dash Type. Two separate toggle switches for auto circuits. Rated 5 amps at 12VDC. With hardware. 275-702 2.79

Voltage Inverter



2795

For Cars,
Trucks
and
Imports

Use 12VDC equipment in vehicles with 12VDC pos. gnd. or 6VDC neg. gnd. electrical systems. For Ham equipment, radios, CBs, tape players. Up to 3A. Fused. 22-129 27.95

Car Stereo Cable Sets



Low
As **189**

C Cable Assembly. Five-pin plug, with power leads, four 18-ft. color-coded speaker leads. Fused. 270-014 4.99

D Universal. Fits 4 or 5-pin sockets. Fused. 270-017 1.99

E Standard. Five-pin fused plug. 270-041 1.89

Mounting Brackets



M Underdash Mount. Two-piece slide-on/off mount with electrical connectors, color-coded leads. 18-gauge steel. 270-016 8.95

N Universal L-Brackets. Fit most vehicles and equipment. Hardware included. 270-022 Pair/2.49

O Universal Brackets. Three different sets with back support/ground strap plus hardware. Black. 270-023 Set. 2.99

Auto Headlight Alert

595



Reminds You
To Turn Off
Lights

Beeps for ten seconds when you leave your headlights on. LED flashes until lights are turned off. Self-tapping screws and double-sided tape included. Installs easily in most cars with accessible fuse block. 270-110 5.95

Auto Electrical System Analyzer

595



Check Your Battery
And Charging System
From Inside Your Car

Spot problems *before* you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. gnd. 22-1635 5.95

Noise Suppressors & Filters



Low As **99¢**

F Resistive Filter. Cuts spark plug noise. Installs in distributor. 270-012 99¢

G Capacitive Filter. Install inline. Especially useful against stubborn noise problems caused by ignition systems, fan motors and DC generators. Rated 0.5µF, 40 amps, 60WVDC. 272-1085 4.29



P Deluxe Filters. Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers. 10-Amp. 270-051 17.95

5-Amp. 270-050 11.95

Q Noise Eliminator Kits. Each includes filter choke, capacitor and instructions.

Heavy-Duty. 270-030 4.39
Standard. 270-020 3.29

FOUR REALISTIC® WAYS TO EXPAND AUDIO SYSTEMS

Stereo Mike/Tape/Phono Mixer

ONE
OF
OVER
350
NEW LOW PRICES

69⁹⁵

Was \$79.95 in
1983 Catalog

Headphone
Monitoring of
Turntable and
Tape Inputs



A neat way to add some life to your next party! Mix or "segue" two turntables, a tape deck and stereo mike just like professional DJs. Five Glide-Path® controls and dual VU meters give you precise level settings. Magnetic and ceramic phono inputs, "Cue" function for monitoring, tape in and out, 1/4" stereo headphone cue/monitor jack, 1/4" mike jacks, battery-test button. Response: 20-20,000 Hz. Output level: 0.7 volt. 2 3/4 x 10 1/2 x 7 1/2". Requires four "AA" batteries or AC adapter. **32-1100 69.95**
AC Adapter. U.L. listed. 273-1454 5.95

Studio-Quality Stereo Mixing Console

119⁹⁵

- Lighted Meters
- Three Mike "Pan" Pots
- Seven Glide-Path Faders
- Built-in Cue/Monitoring System



Use this professional audio console to tape from multiple sources, control audio at live performances, or blend turntables, tape decks, mikes for DJ programs. Handles three mikes, two magnetic or ceramic turntables and two tape decks. Three "pan" pots adjust each mike's apparent position in the stereo image. Cross fader, master fader, separate jacks for tape recording and main output, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons, mono/stereo switch. Response: 10-30,000 Hz. 2 3/4 x 10 3/4 x 8 1/2". U.L. listed AC operation. **32-1200 119.95**

Low-Cost Stereo Microphone/Line Mixer

24⁹⁵

Mixes Up to
Four Mikes and
Line Inputs
Simultaneously



Ideal for adding extra inputs to a tape recorder or PA system. Four Glide-Path controls, stereo/mono switch, LED battery-test indicator, mike level output. 2 3/4 x 8 3/4 x 5". Requires 9V battery. **32-1105 24.95**

Amazing Electronic Reverb Unit

39⁹⁵

Adjustable Delay (5-95ms),
Depth, Mike Level & Repeat
Glide-Path Controls



Add echo and reverb to "live" vocals, recordings, or musical instruments. Works with tape decks, PA or guitar amps. Jacks for line in/out and 1/4" mike in/out. 2 1/2 x 6 5/8 x 4 3/4". Requires six "AA" batteries or AC adapter. **32-1110 39.95**
AC Adapter. U.L. listed. 273-1455 6.95

FM Wireless Microphones for Lectures, Stage and Public Speaking

Miniature Tie-Clip Mike

19⁹⁵

- Transmits to Any Standard FM Radio
- Tunable 88-108 MHz

High-quality mike transmits up to 250 feet outdoors. Has built-in tie clip for added convenience. 1 3/4 x 3/4 x 5/8". FCC Type Accepted. Includes tuning tool, battery and instructions. **33-1076 19.95**

Two-Piece Wireless FM Microphone System

69⁹⁵

- 49 MHz With Crystal Control
- Matching Receiver Connects To PA Amplifier, Recorder, Or Hi-Fi System
- Up to 100-Foot Range

Ideal for lecturers, teachers, and public speakers! Compact transmitter with sensitive electret tie-clip mike is no larger than a pack of cigarettes. Has volume control and on/off switch. Specially designed receiver features dual conversion and a ceramic filter to help prevent interference. Has LED "On Air" and power indicators. Adjustable controls for squelch and output level. Receiver: 2 1/4 x 6 3/4 x 5 3/4". U.L. listed AC operation. Transmitter: 2 3/8 x 3 3/4 x 7/8". Requires two "AA" batteries. **32-1220 69.95**



REALISTIC® PA AMPLIFIERS ARE SOUND INVESTMENTS

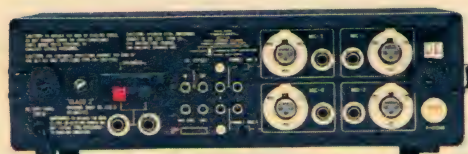


**Professional 80-Watt
Sound Reinforcement Amp**

199⁹⁵

- Power Meter Monitors Output Level
- In/Out Jacks for Equalizer and Reverb
- Cue/Monitor Selector for Headphones
- Mix Bus Jack to Stack Extra Amps
- Spring-Loaded Speaker Terminals
- Convenient Cord Storage Posts

**1/4" Mike Jacks and XLR-Type
Connectors for "Pro" Mikes**



Realistic MPA-80. The performance and portability you want in a PA amplifier! Plenty of power to fill large auditoriums—great for live bands. Four hi/lo impedance mike inputs, each with aux input and Glide-Path® level controls. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector makes cueing easy—listen through headphones to each individual input or overall mix. Master volume with memory ring, lighted power meter, LED clipping indicator. Overload protected. U.L. listed.

32-2026 **199.95**

Frequency Response: 30-20,000 Hz. **Power:** 80 watts rms at 4 ohms. **Outputs:** Mix bus, EQ in/out, quick-connect terminals, two 1/4" jacks for 4 to 16-ohm speakers, 1/4" headphone jack. **Power Requirement:** 120VAC, 60 Hz, 200W. **Size:** 4 3/8 x 14 1/2 x 10 1/2".

Compact 35-Watt PA Amplifier Features Remote Priority Override



99⁹⁵

- Perfect for Medium-Size Auditoriums, Churches, Paging and Background Music
- 70-Volt Output for Multi-Speaker Systems

Realistic MPA-35. Superb sound at low cost! Ideal for many PA applications. Three mixable Glide-Path controls for Mike-1, Mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Remote control terminals for Mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, LED power-on indicator. Metal case. U.L. listed. **32-2027** **99.95**

Frequency Response: 150-12,000 Hz. **Power:** 35 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line, two screw terminals for remote priority switching. **Power Requirement:** 120VAC, 60 Hz, 120W. **Size:** 4 1/2 x 10 1/2 x 7 1/2".

20-Watt PA Amplifier Operates From 120VAC or 12VDC for Mobile Use



79⁹⁵

- Accepts Either Hi or Low-Z Mikes
- High-Level Phono/Aux Inputs

Realistic MPA-20A. Incredibly versatile—you can use it anywhere! Three mixing controls—two mikes and dual-function phono/aux. Master volume and tone controls, LED power indicator. Metal case. Includes mobile mounting bracket, 12VDC power cord with cigarette lighter plug. U.L. listed. **32-2020** **79.95**

Frequency Response: 150-20,000 Hz. **Power:** 20 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers and 70V line. **Power Requirements:** 120VAC, 60 Hz, 40W, 12VDC neg. gnd., 3.5A. **Size:** 4 1/2 x 10 1/2 x 7 1/2".

INDOOR AND OUTDOOR PA SYSTEMS AT BIG SAVINGS

"Singer's Choice"



Save \$11435
869⁰⁰

Reg. Separate Items 983.35

Only \$50 Per Month On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Four Cast-Base Microphone Stands
- Four Highball Dynamic Microphones
- Four PA-99 Portable Column Speakers

80-Watt, 2-Mike "Club System"



Save \$6265

Reg. Separate Items 591.65

529⁰⁰

Only \$32 Per Month On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Two Cast-Base Microphone Stands
- Two Highball Dynamic Microphones
- Two PA-99 Portable Column Speakers

"Toastmaster's" Special



Save \$4875

Reg. Separate Items 427.75

379⁰⁰

Only \$28 Per Month On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-88 Portable Column Speakers

Performer's Portable System



Save \$3875

Reg. Separate Items 327.75

289⁰⁰

Only \$27 Per Month On CitiLine Credit

- MPA-35A Compact PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-88 Portable Column Speakers

Meeting Hall System



Save \$3639

Reg. Separate Items 305.39

269⁰⁰

Only \$26 Per Month On CitiLine Credit

- MPA-35A Amp • Two Floor Stands
- Six 10-Watt, 70-Volt Transformers
- Two Cardioid Microphones
- Six 8" Wall Baffle Speakers

Office Paging System



Save \$3147

Reg. Separate Items 280.47

249⁰⁰

Only \$26 Per Month On CitiLine Credit

- MPA-35A Amp • Desk Stand
- Six 10-Watt, 70-Volt Transformers
- Cardioid Mike • Six 8" Speakers
- Six Ceiling Speaker Grilles

Sports Announcer System



Save \$2570

Reg. Separate Items 244.70

219⁰⁰

- MPA-35A PA Amp
- Super Cardioid Microphone
- Four Powerhorn® 8" Speakers

Low-Cost Paging



Save \$1869

Reg. Separate Items 165.69

147⁰⁰

- MPA-20 PA Amplifier
- Cast-Base Desk Mike Stand
- Highball-2 Microphone
- Four 8" Wall Speakers

"On-the-Go" PA



Save \$1680

Reg. Separate Items 135.80

119⁰⁰

- MPA-20 PA Amplifier
- Highball-2 Microphone
- Two 5" Powerhorn Speakers

Compact Portable System

Save \$1090

Reg. Separate Items 115.90

105⁰⁰



- MPS-20 PA Speaker/Amp
- MC-1000 Dynamic Mike

SHOP SHACK® FOR SOUND BUYS IN PA EQUIPMENT

High-Power Portable PA Sound Columns



Use for Voice or
Music in Schools,
Clubs, Stage Shows,
Sound Reinforcement
On the Road

Two Heavy-Duty
10" Woofers,
Solid-State Piezo
Horn Tweeter

129⁹⁵ Each

Two Heavy-Duty
8" Woofers,
Solid-State
Piezo Tweeter

79⁹⁵ Each



[A] Realistic PA-99. Efficient, integrated speaker system features the latest advances in audio technology for high-definition sound and music reinforcement. Wide 90-20,000 Hz response. System sensitivity: 94 dB (SPL at 1 M/1 W). Rugged vinyl enclosure with strong carrying handle and protective metal corners. Power handling capacity: 160 watts. Has 1/4" jack, two spring terminals. 8 ohms. 30 x 13 x 9 3/4". **40-1410** **129.95**

[B] Realistic PA-88. Designed for "natural" sound reinforcement! Controlled 130° sound dispersion maximizes coverage pattern, minimizes feedback for easy mike placement. Smooth 95-18,000 Hz response. System sensitivity: 89.6 dB (SPL at 1 M/1 W). Black vinyl enclosure with carrying handle, protective metal corners. Power handling capacity: 75 watts. Has 1/4" jack, two spring terminals for easy hookup. 8 ohms. 30 x 10 x 6 7/8". **40-1257** **79.95**

Multi-Purpose Weatherized Powerhorn® Speakers

44⁹⁵ **[E]**

12" Horn

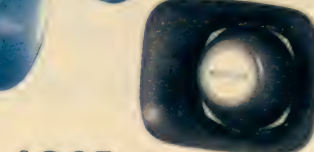


29⁹⁵ **[F]**
8" Horn



17⁹⁵ **[G]**

5" Horn



12⁹⁵ **[H]**
4" Horn

[E] Wide-range—ideal for music, paging or PA applications. Mounting bracket. 25 watts. 8 ohms. **40-1238** **44.95**

[F] Waterproof, dustproof, shockproof. Mounting bracket. 15 watts. 8 ohms. **40-1239** **29.95**

[G] All-metal, rust, shock and weather resistant. Mounting bracket. 8 watts. 8 ohms. **40-1236** **17.95**

[H] Ideal for CB and PA extensions. Use indoors or out. With mounting bracket. 8 ohms. **40-1244** **12.95**

Die-Cast Metal Wall-Mount Speaker

59⁹⁵ Each



- 40 Watt Power Capacity
- Long-Excursion 4" Woofer
- Soft-Dome 1" Tweeter
- Acoustic Suspension Design

Realistic Minimus®-22. Ideal for sound reinforcement/distribution systems where full high-fidelity reproduction is important. Perfect for doctor's or dentist's office, professional suites and conference rooms. 8 ohms. Hanger slots, spring terminal connectors. 10 3/8 x 6 7/8 x 2 3/4". **40-2038** **59.95**

8" Wall Speaker/Baffle



For PA
Or Music

14⁹⁵

Mounts easily on the wall of any room. Has handy built-in volume control. 8 ohms. Walnut vinyl. 10 3/4 x 10 3/4 x 4 3/4". **40-219** **14.95**

Indoor/Outdoor Speakers

7⁹⁹

[C]

19⁹⁵

[D]

Moisture
Proof
Housing



Keyhole slots and hardware for easy wall mounting. 8 ohms.

[C] 4", 4 3/4 x 5 1/2 x 3"

40-1227 **7.99**

[D] 6 1/2", 4 1/4 x 8 1/4 x 3 7/8"

40-1248 **19.95**

70V Line Transformer



3⁹⁹

ONE OF OVER 350

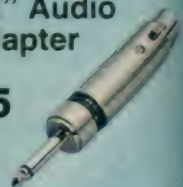
Was \$4.99 in 1983 Catalog

For Multi-Speaker
Systems

Taps: 10/5/2.5/1.25/0.62 watts. For 4/8/16 ohms. **32-1031** **3.99**

"XLR" Audio Adapter

9⁹⁵



A3F to 1/4" plug. Adapts low-Z balanced to high-Z unbalanced. **274-016** **9.95**

"XLR" Audio Extension

8⁹⁵



For equipment requiring low-Z balanced input. For extended cable runs use with **274-016**. **274-017** **8.95**

IMPROVE YOUR PA SYSTEM—QUALITY ACCESSORIES

Hand-Held PA Megaphone



3995

- Trigger-Grip On/Off Switch
- Handy Thumbwheel Volume Control

Powerhorn®. A completely mobile PA system that's ideal for sporting events, picnics, rallies. Makes your voice intelligible up to 300 feet away. Requires eight "AA" batteries. 32-2029 39.95

Portable PA System
Plays Popular Tunes

NEW
FOR '84

3995

- 94 Pre-Set Tunes and Space For You to Program 5 More!
- Plays Up to 80 Notes Per Song

Musical Powerhorn®. Play everything from college fight songs to classic and pop tunes—even Christmas carols! Projects your voice up to 300 ft. at sporting events, picnics and rallies. Easy pushbutton operation. Includes song list, removable shoulder strap, power-on indicator, on/off switch. Requires eight "AA" batteries. 32-2030 39.95



Low-Cost One-Watt System



NEW
FOR '84

1795

- The Ideal Take-Along
 - Compact and Lightweight
- Realistic Amplified Speaker System. Portable sound wherever you need it! Tone and volume controls, 1/8" mike, aux jacks. 6 11/16 x 5 x 3 15/16". Requires four "C" batteries or AC adapter. 32-2031 17.95
AC Adapter. U.L. listed. 273-1454 5.95

Portable 12-Watt Speaker System

9995

- Add a Mike for a Complete PA System
- Powerful 6 1/2" Woofer, 1 1/4" Tweeter
- Microphone and Line Inputs

Realistic MPS-20. Big sound, yet easy-to-carry! Amplifies instruments like guitar, synthesizer with virtually no distortion—even at higher volumes. Aux jack accepts high level sources or tape deck; mixes with mike input. Volume, tone controls. Rugged design, metal corner protectors, carry handle. 11 1/2 x 9 x 6 5/8". U.L. listed AC operation or 12VDC with optional cord. 32-2028 99.95
12VDC Cord. 270-1534 4.99



Slip-In Mike
Stand Adapter



249

Design holds most mikes. For use with std. 5/8"-27 thread. 33-371 2.49

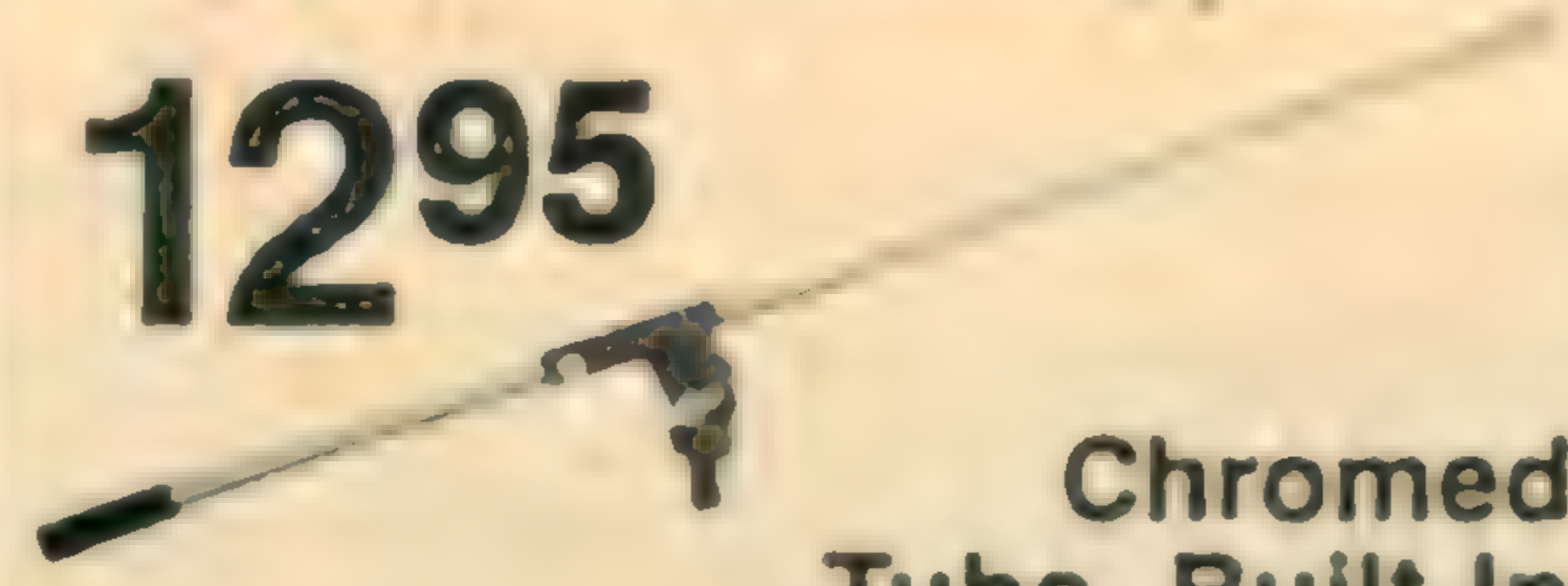
Clamp-On
Adapter



399

Holds regular mike or clamps to stand for side mounting. Std. 5/8"-27 threads. 33-372 3.99

31-Inch Mike
Boom Adapter



1295

Chromed Tube, Built-In Counterweight
Independent length/angle adjustments. Std. 5/8"-27 threads. 33-344A ... 12.95

Desk Mike Stand



Padded Feet

599

Cast base with 4" chromed tube. Standard 5/8"-27 thread. 33-370 5.99

Portable Folding and
Cast-Base Mike Stands

ONE OF OVER 350 NEW LOW PRICES

1595

Was \$17.95 in 1983 Catalog

ONE OF OVER 350 NEW LOW PRICES

1795

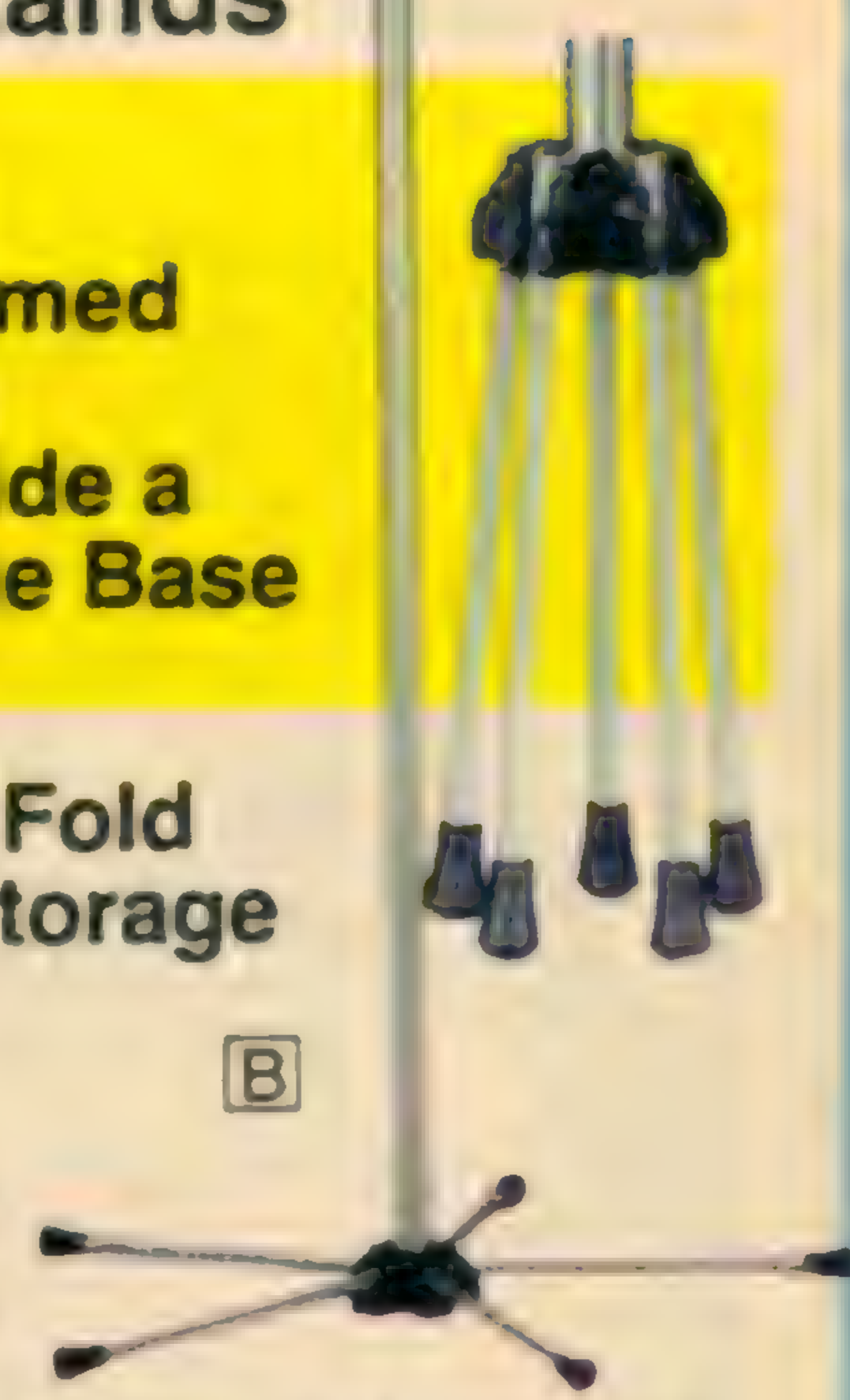
Was \$21.95 in 1983 Catalog

Five Chromed Legs Provide a Stable Base

Legs Fold For Storage

Easy-to-Adjust "Sure-Grip" Clutch

[A] Adjusts quickly from 34" to 64". Low-profile black cast-iron base has protective rubber feet. Standard 5/8"-27 thread. 33-320 15.95
[B] Ideal for portable PA or recording mikes. Positive-action clutch adjusts instantly from 32" to 57". Has protective rubber feet. Standard 5/8"-27 thread. 33-325 17.95



5/8" Screw Flange

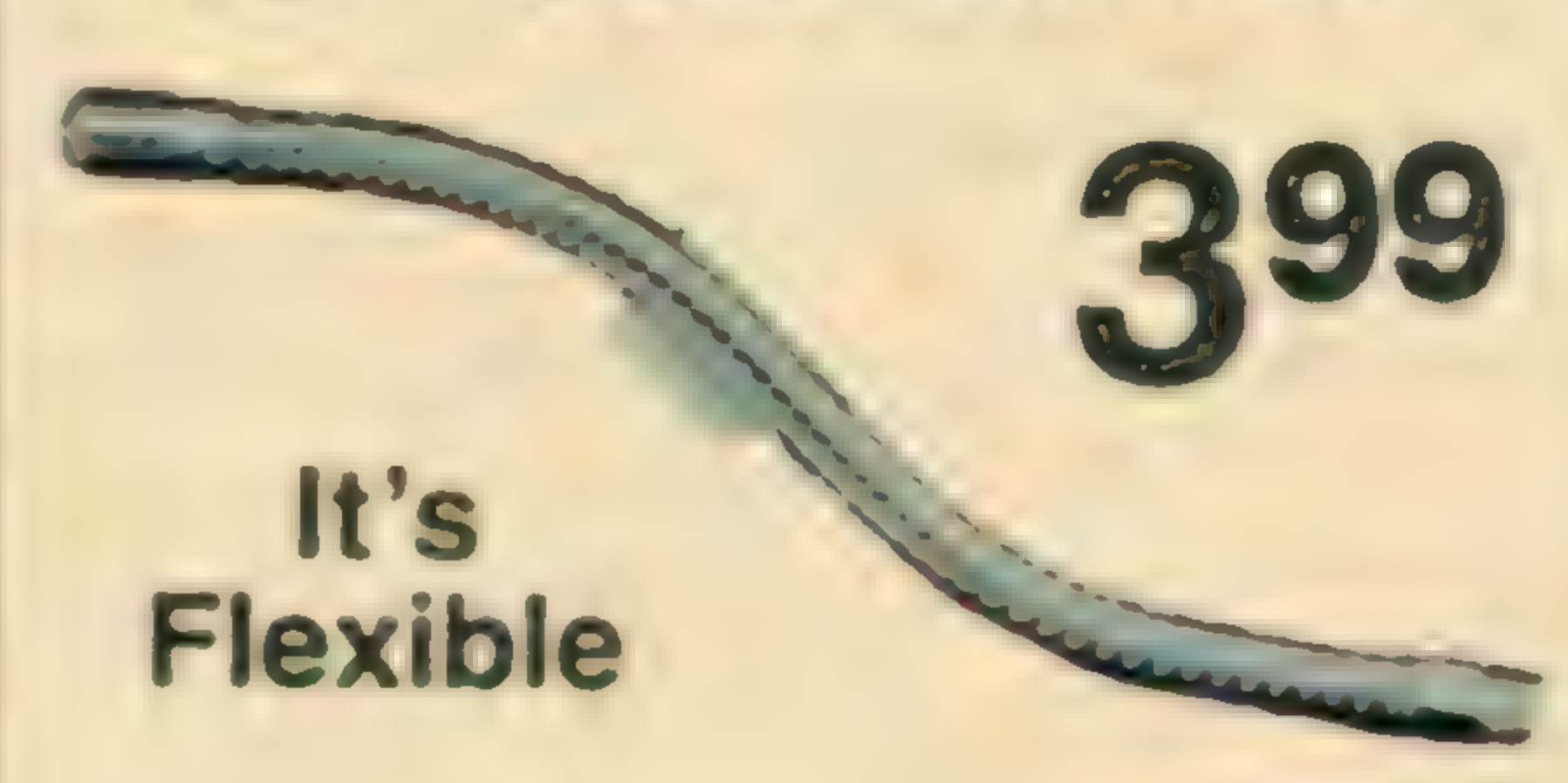


199

Die-Cast Construction

Attach mike to desk or lectern. Standard 5/8"-27 thread. 33-332 1.99

13" Gooseneck



399

It's Flexible

Position mike in any direction. Standard 5/8"-27 thread. 33-330 3.99

KNOW WHAT'S AHEAD! MICRONTA® RADAR DETECTORS

Compact, Versatile Dual-Conversion Superhet



179⁹⁵ **NEW FOR '84**

- Illuminated Meter Shows Relative Strength of Radar
- Selectable Tone and/or Light Warning

Micronta Road Patrol® XK Dual-Conversion Superheterodyne. Packed with great features and performance! Picks up all types of radar, including pulse, moving and hand-held "gun" units. Dual-superhet circuit assures optimum selectivity and reduces "falsing". Warning tone with volume control—tone pulses faster as radar signal increases. Selectable hi/lo sensitivity permits easy adjustment to city or highway driving. Complete with all necessary mounting hardware. 17¹/₁₆ x 5 x 4⁷/₈". Convenient lighter plug power connection. 12VDC neg. gnd. 22-1607 **179.95**

Our 22-1607 and 22-1608 detectors feature versatile 3-way mounting on sun visor, dash or windshield!



Price Breakthrough! Dual-Conversion Superhet

NEW FOR '84 **159⁹⁵**

- Receives All Bands and Types Of X and K Radar Signals
- Selectable Tone and/or Light Warns of Speed Radar



Micronta Road Patrol XK Dual-Conversion Superhet. High sensitivity and selectivity at an incredible price! Warning tone pulses faster as radar strength increases. Selectable hi/lo sensitivity switch minimizes misleading reflections and other in-band signals. Sleek styling complements any car interior. With double-sided tape, hook-and-loop tape, mounting hardware. 19¹/₁₆ x 5 x 5¹/₄". 12VDC neg. and pos. gnd. 22-1608 ... **159.95**

Two-Outlet Y-Adapter. Power your detector and another accessory from one lighter socket. 270-1535 **4.99**

Not offered where sale is prohibited by law. Use may be regulated by state or local law.

Our Best! Ultra-Sensitive "Hidden" Dual-Conversion Superhet

NEW FOR '84

219⁹⁵



Available Oct. 31, 1983

Separate Detector and Control Units for Inconspicuous Mounting and Prevention of Theft

Micronta Road Patrol XK Dual-Conversion Superheterodyne. A high-tech breakthrough! Detects signals much farther than normal detectors—even around corners and over hills. Remote detector unit mounts under bumper or behind grill. Compact control unit mounts nearly anywhere inside auto. Adjustable volume warning tone and light, hi/lo sensitivity switch. Control unit, 15⁵/₁₆ x 3¹/₄ x 1¹/₂". Remote detector unit, 1¹/₂ x 5¹/₄ x 5¹/₄". With all mtg. hardware, 10-foot control cable. 12VDC neg. gnd. 22-1609 **219.95**

"Go-Anywhere" Budget Detector

79⁹⁵

- Mounts Easily on Windshield or Dash
- Warning Flasher and Tone Pulse Faster as You Approach Radar



Micronta Road Patrol XK. Value-priced detector spots moving and stationary X and K band radar signals at extended range. LED power indicator. With mounting pedestal, self-sticking adhesive. 13³/₄ x 3¹/₈ x 4⁵/₈". 12VDC neg. gnd. 22-1605 **79.95**



Call for Help Without Leaving Your Car!

Complete "Road Emergency" CB 2-Way Radio System

99⁹⁵ Quick and Easy 3-Step Set-Up!

- ① Extend Telescoping Antenna and Place Magnetic Base on the Roof, Trunk or Hood of Your Car
- ② Plug 12VDC Power Adapter Into Cigarette Lighter Socket
- ③ Select Desired Channel and You're On the Air—Get Information on Road Conditions, Report Accidents Or Call for Emergency Assistance

Channel 9 Priority Gets You in Touch in Just Seconds, Brings Help in Minutes!

Realistic TRC-411. Enjoy peace of mind wherever you travel! Compact and incredibly easy to use, yet features all 40 CB channels, full 4-watt power output and an emergency switch that takes you to Channel 9, the CB emergency frequency. Large, easy-to-read LED channel display, built-in mike and speaker, LED transmit and Channel 9 indicators. Local/distant receiving range control eliminates signal "chopping". Store the system in its vinyl travel case—fits in trunk or under the seat. With external antenna jack, 10-foot antenna cord. Only 3³/₄ x 12³/₄ x 7¹/₁₆". Ready to use in any vehicle with 12VDC neg. gnd. 21-1505 **99.95**

Radio Shack—63 Years of Value, Service and Reliability

YOU'RE NEVER "ALONE" WITH REALISTIC MOBILE CB

Budget Compact With High-End Features



FCC NEWS FLASH!
CB License No Longer
Required—No Minimum Age Limit

69⁹⁵

5-LED
Signal Strength/
Power Meter

Fits Under Most Dashes

Realistic TRC-410. Big CB performance in an ultra-compact size! Large, easy-to-read LED channel indicator, LED signal strength/RF output power meter. Hysteresis squelch eliminates signal "chopping", and the automatic noise limiter reduces unwanted signal interference. Two ceramic filters give you superior selectivity. With lock-plug mike, mounting hardware.

21-1504 69.95

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 60 dB at 10 kHz. Audio Output: 6 watts maximum. RF Output: 4 watts maximum. Size: 1⁵/₈ x 5¹/₄ x 7³/₄".

High-Performance Compact With PA



99⁹⁵

Big Signal
Strength/RF
Power Meter

Realistic TRC-421A. PLL circuitry assures precise frequency control and stability over all 40 channels. Big LED channel display for easy reading, day or night. Hysteresis squelch, switchable automatic noise limiter. Crystal and ceramic filters provide superior selectivity and reduce adjacent channel interference. External speaker jack for use as a mobile PA. With lock-plug mike, mounting hardware. 21-1502 99.95

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 80 dB at 10 kHz. Audio Output: 5.5 watts maximum. RF Output: 4 watts maximum. Size: 1³/₈ x 5¹/₂ x 9¹/₄".

Channel 9 Priority and Tone Control



139⁹⁵

- Instant Access to CB Emergency Channel 9
- RF Gain Control Prevents Signal Overload

Realistic TRC-427. Get help in minutes—perfect for long trips! Big LED channel display, LED modulation indicator, S/RF power meter, switchable automatic noise limiter, hysteresis squelch, LED indicator to warn of antenna mismatching or shorting. Add an external speaker for PA use—you can even monitor CB in PA mode. With lock-plug mike, mounting hardware.

21-1534 139.95

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 65 dB at 10 kHz. Audio Output: 5 watts maximum. RF Output: 4 watts maximum. Size: 2³/₁₆ x 6⁵/₁₆ x 8⁷/₁₆".

Space-Saving One-Hander® CB



All Controls in Handset!

- Speaker/Mike • Transmit
- Rotary Channel Selector With LED Display
- Volume/On-Off • Squelch

U.S. Pat. No. 4,032,844

ONE
OF
OVER **350**
NEW LOW PRICES

139⁹⁵

Was
\$149.95 in
1983 Catalog



Realistic TRC-462. More convenient to use because all the controls are in the palm of your hand! Mounts under dash, under seat, in glove compartment, or in trunk with optional cable. Switched ANL, ceramic filters. Includes mtg. hardware. 21-1536 139.95

Extension Cable. 16¹/₂ feet long for trunk mounting 29.95

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 60 dB at 10 kHz. RF Output: 4 watts maximum. Size: 1⁵/₈ x 5¹/₄ x 7¹/₂".

Feature-Packed Base Station/Mobile CB With Extended Signal Reach

Priority Switch Takes You
Instantly to Channel 9 or 19

159⁹⁵

- Illuminated On-the-Air and Modulation Indicators
- Bright LED Channel Display • S/RF Power Meter

Realistic Navaho® TRC-432. Reliable, low-cost performance at home or on the road! Takes you to Emergency Channel 9 or Highway Information Channel 19—then returns to your previous channel, instantly. Listen through up-front speaker, headphone jack, or add an optional PA speaker. Hysteresis squelch eliminates signal fading and "chopping". Switchable noise blanker and automatic noise limiter reduce channel interference, and ceramic IF filters provide superior selectivity. Includes microphone, AC and DC power cord, mobile bracket. U.L. listed. 21-1546 159.95



Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 70 dB at 10 kHz. Audio Output: 6 watts maximum. Public Address Audio Output: 7 watts maximum. RF Output: 4 watts maximum. Power Requirement: 120VAC or 12VDC pos. or neg. gnd. Size: 3⁹/₁₆ x 11³/₈ x 9⁷/₁₆".



HIGH-PERFORMANCE AM/SSB MOBILE CB

SSB Has More Power for Greater Range on More Channels

199⁹⁵

- Clarifier Control Brings In Clear SSB Signals
- Illuminated Signal/RF Meter • RF Gain Control

Realistic® TRC-451. SSB (single-sideband) gets your message through with greater reliability and clarity—you get the regular 40 AM channels plus 80 sideband channels. Dual IF stages and crystal/ceramic filters reject adjacent channel interference, and quartz PLL circuitry gives you frequency stability on all channels. Switchable noise blanker, too. LED dimmer controls. PA switch lets you monitor CB even while you're in PA mode. With mounting bracket and dynamic mike. 12VDC neg. gnd. 21-1565 **199.95**

Sensitivity for 10 dB S + N/N: SSB, 0.25 microvolt; AM, 0.5 microvolt. Adjacent Channel Rejection: 70 dB at 10 kHz. Image Rejection: 85 dB. RF Power Output: SSB, 12W P.E.P. max; AM, 4W max. Size: 2 1/4 x 7 1/4 x 9".

Realistic High-Power CB Walkie-Talkies Keep You in Touch!

**NEW
FOR '84**

**40 Channels
5 Watts**

Ready to Use
On All Channels!
No Crystals to Buy!

139⁹⁵



Push-to-Talk
Mike Plugs
Into TRC-212
(optional)

U.S. Patent No.
4,291,412

Carry Case
Included
**650
Value**



- LCD Channel Readout
- Range-Boost Antenna System
- Hi-Lo Power Battery-Saver Switch

Realistic TRC-212. Our best! Ideal for camping, fishing, construction sites—wherever reliable portable communication is needed. Unique Range-Boost antenna system extends signal reach on both transmit and receive. Ceramic filter provides increased selectivity. Adjustable squelch, automatic noise limiter, separate speaker and electret condenser mike. Jacks for earphone, hand mike, antenna, battery charger. 9 1/4 x 3 3/16 x 2 3/8". Requires eight "AA" batteries or ten rechargeable nickel-cadmium batteries or AC adapter. 21-1662 **139.95**

**6 Channels
5 Watts**

**NEW
FOR '84**

A 99⁹⁵



Push-to-Talk
Mike Plugs
Into TRC-211
(optional)

Carry Case
Included
**650
Value**



A Realistic TRC-211. Exclusive Range-Boost antenna system, battery/RF meter, squelch control, hi/lo power-saver switch, jacks for antenna, hand mike, battery charger. With Ch. 14 crystals—add optional extra crystals for up to five more. 9 1/4 x 3 3/16 x 2 3/8". Requires eight "AA" batteries or ten rechargeable batteries. 21-1652 **99.95**

**3 Channels
3 Watts**

B 59⁹⁵



B Realistic TRC-206. Auto-modulation, Range-Boost and center-loaded antenna for extra "talk power". Squelch control, LED battery-test and modulation indicators, jacks for external antenna and charger. With Ch. 14 crystals—add optional extra for two more. 9 3/4 x 3 3/8 x 3". Requires eight "AA" or ten rechargeable batteries. 21-1635 **59.95**

**3 Channels
2 Watts**

C 49⁹⁵



C Realistic TRC-201. Auto-modulation for maximum "talk power"; Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, battery-test LED. With Ch. 14 crystals—add optional extra crystals for two more. 10 1/4 x 3 1/8 x 2 1/2". Requires eight "AA" or ten rechargeable batteries. 21-1630 **49.95**

An FCC CB License is No Longer Required—No Age Limit to Use!

VOICE-OPERATED FM HEADSET WALKIE-TALKIES



Deluxe Double Superheterodyne
Circuit Gives You Superb
Performance at Work or Play!

NEW
FOR '84

89⁹⁵
Pair



- Hands-Free Communication Up to 1/2 Mile Outdoors, 1/4 Mile Indoors
- Special Voice-Activated Circuit With 3-Level Sensitivity Setting
- Lightweight, Adjustable Headphone Fits Over Only One Ear for Safety

Realistic TRC-500 2-Way FM Headset Walkie-Talkies. Now you can talk easily with a companion while jogging, biking or working in the field! Voice-activated circuit automatically engages the transmitter when you speak into the adjustable boom mike, then switches back to receive when you stop speaking. Set the sensitivity switch to "low" while jogging to prevent accidental transmission, or set it on "high" to pick up whispers while you fish. Push-to-talk button for manual operation, 3-level volume control. The 1/2 microvolt dual-conversion superhet receiver assures noise-free operation. Includes belt clip, antenna. Requires 9V battery for each headset. 49 MHz. 21-400 Pair 89.95

CB Walkie-Talkies With Channel 14 Crystals

3 Channels, 1 Watt 3 Channels, 300 mW 1 Channel, 100 mW



39⁹⁵

**Extra Power
And Features
For the More
Serious User**

A



29⁹⁵

**Perfect for
Campers,
Construction
Workers or
Just For Fun**

B



19⁹⁵

**Just Right
For Scouts
And Young
Outdoorsmen**

C

Walkie-Talkie Accessories



D Flexible Antenna

For loaded and standard antennas. Clamps with one screw. 21-980 ... 7.95

E Battery Charger

For 12-15V nickel-cadmium batteries. Use with 21-1605, 1630, 1635, 1652 and 1662. 120VAC. U.L. listed. 21-516 6.95

F 12VDC Car Power Cord

Power walkie-talkie from lighter socket. Neg. gnd. only. 8-ft. cord. 270-1533 3.49

Transmit/Receive CB Crystals

Two-Pack includes one receive and one transmit. Channels not listed may be special-ordered (except synthesizer crystals).



Channel	Cat. No.	Pair
5	21-1205	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30	21-1230	4.98
35	21-1235	4.98

A Realistic TRC-83. Adjustable squelch control lets you hear only the messages, not the noise. Volume control, battery-test button with LED indicator, separate speaker and mike, battery-charger jack. Add optional crystals for two more channels. Includes telescopic antenna, durable case, wrist strap. 9 3/4 x 3 3/8 x 2 3/4". Requires eight "AA" or ten rechargeable batteries. 21-1605 39.95

B Realistic TRC-85. Keep in touch with home base! Loaded with convenient features—battery-test button with LED indicator, side-mounted volume/on-off controls for easy one-hand operation. Add optional crystals to receive two extra channels. Includes built-in telescopic antenna, high-impact case, wrist strap. 8 3/4 x 3 x 1 7/8". Requires six "AA" batteries. 21-1607 29.95

C Realistic TRC-84. Compact and lightweight, but with surprising features and quality for the money. Sensitive superhet receiver, up-front combination speaker/mike. Side-mounted volume/on-off control and push-to-talk button for one-hand operation. Includes built-in telescopic antenna, high-impact case, wrist strap. 6 3/8 x 3 x 1 3/4". Requires 9V battery. 21-1606 19.95

Radio Shack Has Been the Leader in CB Radio Since 1959

ARCHER® MOBILE ANTENNAS FOR MORE CB MILEAGE



A Deluxe Magnet-Mount. Mounts on any flat magnet-holding surface—no holes to drill. Low-loss coil form, heavy-gauge copper wire coil and 60" whip provide improved performance and greater range. Heavy magnet holds securely at highway speeds. 16-foot cable, connector. **21-960 37.95**

B Base-Load Magnet-Mount. Mounts on any flat magnet-holding surface. Hardened stainless steel whip and heavy-duty shock spring for stability at highway speeds. Coil is sealed for long life. 16-foot cable, connector. **21-940 26.95**

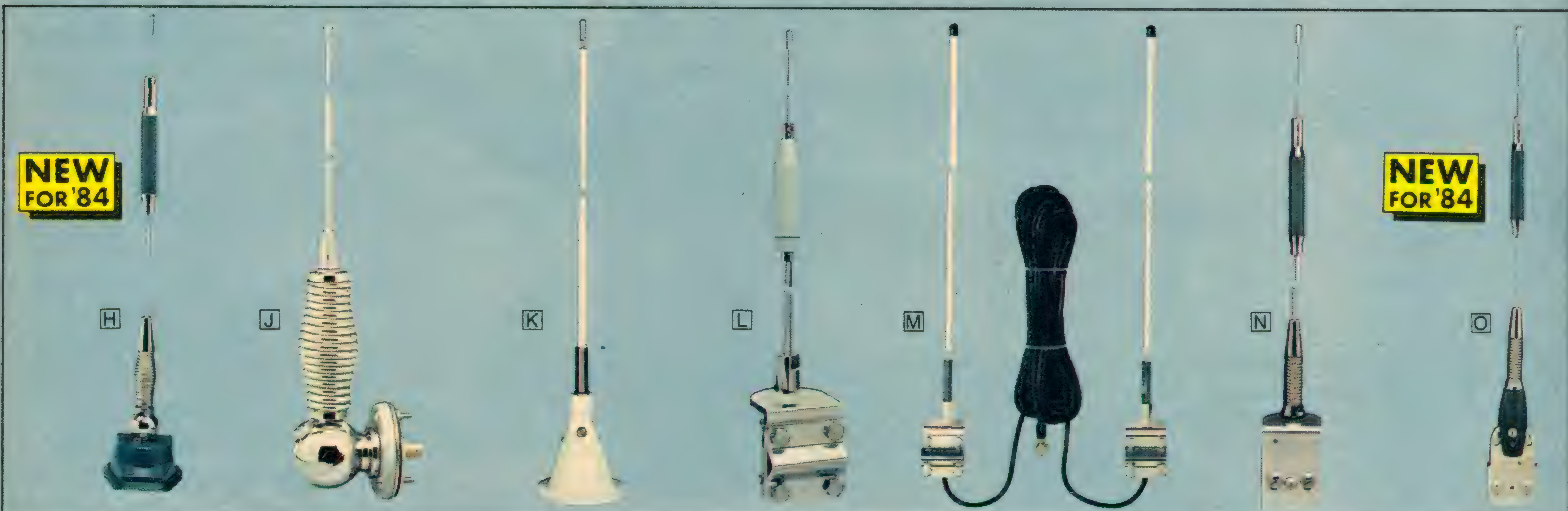
C CB/AM/FM "Disguise" Antenna. Combined AM/FM auto radio and CB antenna will mount in a standard antenna hole, or wherever you choose. Tapered stainless steel whip. With 8 1/2-foot cable, 3-way splitter, connectors for CB and car radio, mounting hardware. **21-990 29.95**

D No-Hole Trunk Mount. Mounts on center or either side of trunk lid and secures with just two set screws. Easy cable entry. Has base loading coil, stainless steel shock spring and whip. Excellent performance. 16-foot cable and connector. **21-908 26.95**

E Fiberglass No-Hole Trunk Mount. Rust proof—ideal for coastal areas and corrosive environments. Triple chrome-plated brass fittings on coil housing. 16-foot cable, connector. **21-926 28.95**

F "Shorty" Roof Mount. Easy snap-in mounting. Center-loading coil, stainless steel whip and shock spring, chrome-plated support tube. 16-foot cable, connector. **21-906 23.95**

G Stainless Steel Roof-Mount. Easy snap-in installation. Whip adjusts for lowest SWR. 16-foot cable, connector. **21-904 26.95**



H Stainless Steel Hatchback Mount. Universal swivel ball allows mounting in almost any position—with whip remaining vertical. No holes to drill. Center loaded with adjustable whip and shock spring. 16-foot cable. **21-948 25.95**

J 102" Stainless Steel Whip Body Mount. Full quarter-wave length for maximum range. Mounts on any flat surface with universal swivel ball mount, insulator and heavy back-up plate. Hardened whip for long-lasting efficiency. Triple chrome-plated heavy-gauge steel shock spring. Cable extra. **21-1094 23.95**

K 102" Fiberglass Marine Whip. "Lay down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces. Ideal for fiberglass and wooden boats—no ground plane needed. 16-foot cable with connector. **21-912 37.95**

L Single Truckers II Antenna. Delivers the high performance and reliable communications you want on the road. Heavy-duty mirror mount adjusts for vertical or horizontal brackets. Over-size resonator and adjustable tip rod for precise tuning. With 10-foot cable, connector. **21-941 25.95**

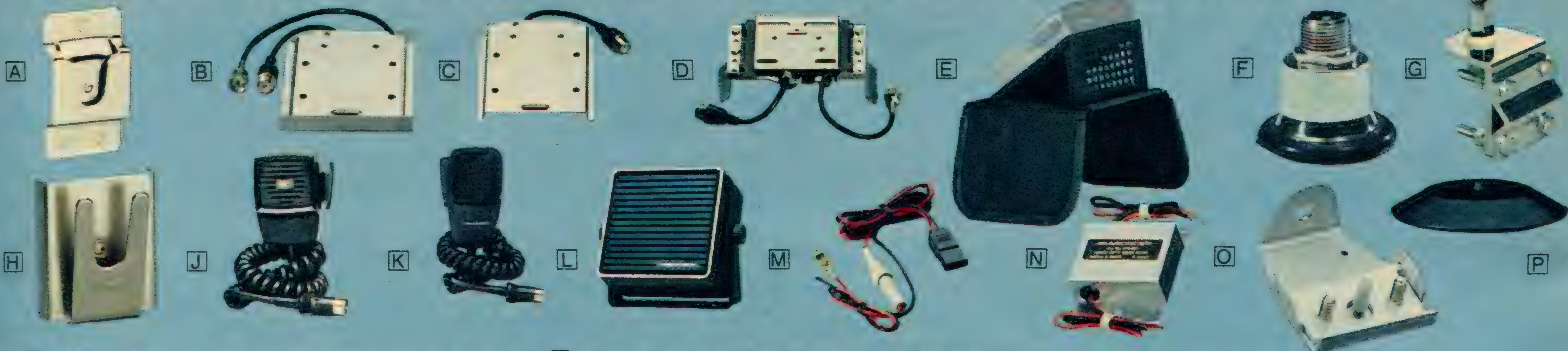
M Fiberglass Twin Truckers. Four-foot whips resist corrosion and provide improved front/rear performance. Mirror mounts. With 18-foot dual-phasing coax harness. **21-945 44.95**

N Gutter Clamp Antenna. Center loaded. Stainless steel spring and adjustable whip, chrome-plated support tube. 10-foot cable. **21-909 19.95**

O Fold-Down Gutter-Mount Antenna. Folds down for extra convenience. Center-loaded stainless steel adjustable whip and shock spring. Excellent performance when mounted in front or rear. 10-foot cable. **21-947 26.95**

Prices Apply at Participating Radio Shack Stores and Dealers

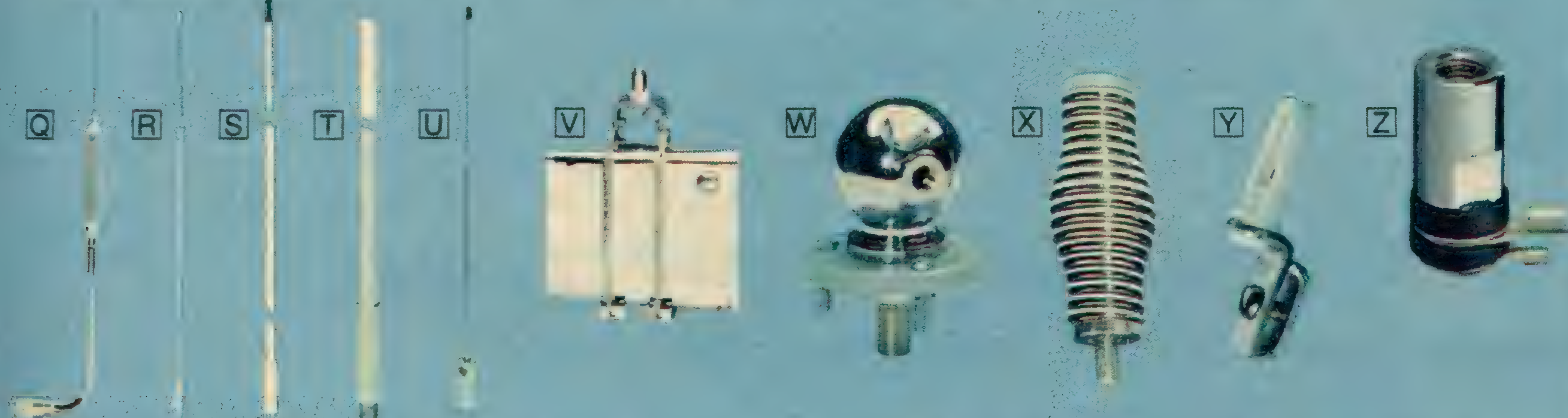
CB EXTRAS, ANTENNAS, AND REPLACEMENT PARTS



- A Mike Clip.** Mount with screws or insta-mount adhesive. 21-923 1.29
- B CB Underdash Mount.** CB slides on or off bracket under dash. With electrical connections. 21-566 11.95
- C Extra Mount for above.** Use same CB in two vehicles. 21-567 5.49
- D CB Floor Mount.** Same features as underdash mount, but fits transmission hump. 21-568 12.95
- E CB Portable Hump Mount.** Fits carpeted transmission hump with hook-and-loop fasteners. 21-540 16.95
- F Snap-in Roof Mount.** Replaces base-loaded antennas. Requires 3/8" hole. 21-914 6.95

- G Mirror/Luggage Rack Mounting Bracket.** For 3/8"-24 threaded whip antennas. 21-937 7.95
- H Magnetic Mike Holder.** 21-1130 1.59
- J Dynamic Mike.** Shielded coiled cord, DIN-type plug. 21-1172 14.95
- K Noise-Cancelling Mike With Preamp.** Assures 100% modulation. Usable as dynamic mike without battery. Requires 7V battery. 21-1175 26.95
- 7V Battery.** 23-601 4.59
- L Extension Speaker.** 360° swivel base. 5 watts. 10-ft. cable, miniplug. 8 ohms. 21-549 12.95

- M 12VDC Replacement Power Cord.** 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse. 21-550 3.29
- N Heavy-Duty Noise Filter.** Two separate L-C filter sections cut alternator whine and ignition noise. Rated 5 amps. 270-050 11.95
- O Gutter Clamp.** For most antennas requiring 3/8" diameter hole. 21-911 4.89
- P Hole Plugs.** Covers 3/8" antenna holes. May be inserted from outside car. 21-920 Pkg of 2/59c



- Q Back-of-Set Antenna.** Right angle design, plugs directly into antenna socket. Center-loaded. PL-259 connector. 21-921 7.95
- R 102" Stainless Steel Whip.** Standard 3/8"-24 stud. 21-903 11.95
- S 102" Fiberglass whip.** Similar to above. 21-905 12.95
- T 48" Fiberglass Whip.** Top-loaded. 3/8"-24 thread. 21-934 10.95
- U Stainless Steel Whip.** With adapter. Replaces 21-904, 908, 940. 21-952 5.95

- V Dual-Chain Mount.** Fits most bumpers. Protective vinyl chain cover. 21-910 12.95
- W Ball Mount.** For vertical or horizontal mtg. Chromed ball, lug terminals. 21-1115 8.95
- X Steel Spring.** Chrome-plated. Removable 3/8" threaded stud. 21-1118 8.95
- Y Antenna Hold-Down Clip.** Clips to gutter. 21-917 1.99
- Z Mounting Hardware.** Standard 3/8"-24 female thread. Fits mounting plates up to 1/8" thick. Nickel-plated. 21-950 4.29

Coax Cable Assemblies For Base and Mobile

Low As
4.29



All cable is 52-ohm. Each assembly includes PL-259 connector on each end (except 278-966).

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
20	*RG58/U	278-966	6.39
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95

*PL-259 connector to spade lugs

Crossbow® 1/4-Wave Antenna

NEW FOR '84
59.95

Omnidirectional
Rugged Fiberglass construction with insulmatic connector for insulation protection and simple assembly. 104" vertical radiator and three 48" loaded radials. For masts up to 1 5/8" dia. Accepts PL-259 connector. No adjustment or tuning required. Meets CPSC requirements. 21-968 59.95

Crossbow 1/2-Wave Antenna

NEW FOR '84
79.95

- Omnidirectional
- Low Radiation Angle
- Fiberglass Construction Provides Insulation And Fights Corrosion

Half-wave, end-fed design—mounts easily in tight spots. 16-foot radiator. Insulmatic connector and integral mount bracket for easy assembly. For masts up to 1 5/8" dia. Accepts PL-259 connector. No adjustment or tuning. Meets CPSC requirements. 21-967 79.95

Field-Strength/SWR Meter



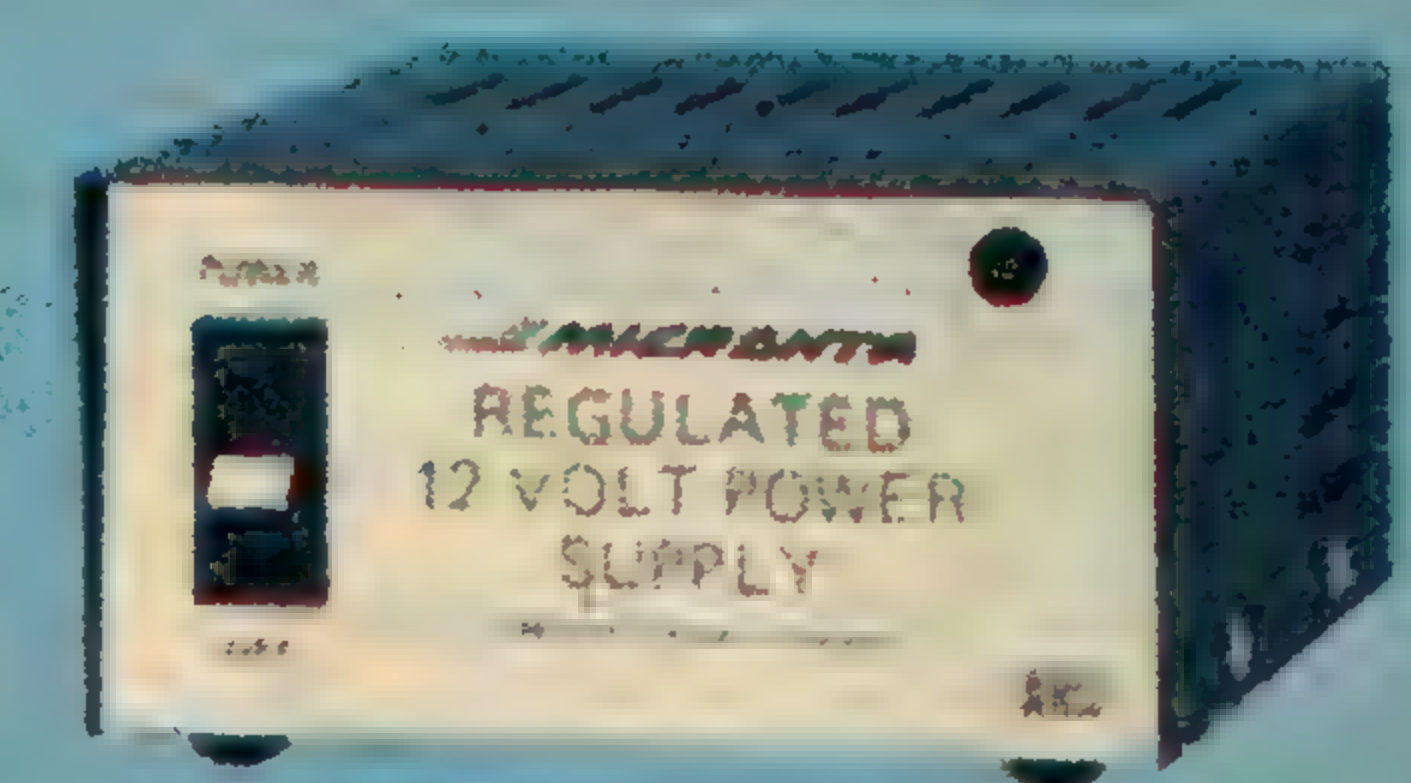
NEW LOW PRICE
18.95
Was 21.95 in 1983 Catalog

For 2-30 MHz
Reads SWR (forward/reflected) to 1 kW. Portable field-strength meter. 1 7/8 x 6 3/16 x 2 1/2". 21-525 18.95

Regulated Power Supply

34.95

13.8VDC at 2.5A continuous. U.L. listed. 2 1/2 x 4 1/2 x 6 3/4". 22-124 34.95



16-CHANNEL PORTABLE PROGRAMMABLE SCANNER

Direct-Access Keyboard Tuning of 23,684 Frequencies

**NEW
FOR '84**

U.S. Pat.
No. 3,794,925

299⁹⁵

Only \$26 Per Month
On CitiLine Credit

Available Sept. 30, 1983

Now You Can Listen to Police,
Fire, Trains, Ambulance, Aircraft,
Hams and More—Wherever You Go

No Crystals To Buy!

Covers 30-50 MHz VHF-Lo, 50-54 and 144-148 MHz Ham, 108-136 MHz AM Aircraft, 138-144 MHz Govt., 148-174 MHz VHF-Hi, 380-450 MHz Govt. and Ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi

Realistic PRO-30. A full-feature, microprocessor-controlled scanner with extended frequency coverage—in a compact size you can carry wherever you go! Scan up to 16 of your favorite channels continuously, or search a selected frequency range for new or unpublicized channels. Scan and Search in two speeds. Two-second Scan Delay, selectable for each channel, prevents, missed replies. Lockout feature temporarily bypasses unwanted channels. Big LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Priority function monitors your favorite frequency while you listen to others. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between messages. Has jacks for external antenna and earphones. With flexible antenna. $7\frac{1}{2} \times 2\frac{15}{16} \times 1\frac{13}{16}$ ". Requires six "AA" batteries or AC or DC adapter. Memory backup requires four silver-oxide batteries. **20-131** **299.95**

AC Adapter. U.L. listed. **273-1455** **6.95**

DC Adapter. **14-844** **6.95**

Our Best Ever! 60-Channel Programmable Scanner for Home or Car*

50 Public Service and Aircraft Channels Plus 10 FM Broadcast Channels

**NEW
FOR '84**

349⁹⁵

Only \$28 Per Month
On CitiLine Credit

Listen to Police, Fire, Ambulance,
Aircraft, Hams, Trains, Weather,
VHF Marine and More—Even Your
Favorite Standard FM Stations



U.S. Pat. No. 3,794 925

Realistic PRO-2003. No crystals to buy—direct keyboard entry of 20,584 frequencies. Use the search circuit to find new channels. When you find one that sounds interesting, store it in memory. Zeromatic® circuit assures accurate signal tuning every time. Has 2-speed Scan and Search, Scan Delay, individual channel-lockout, priority function and variable squelch control. Large easy-to-read display shows channel no., frequency, function and mode. Bands: VHF-Lo 30-

50 MHz; FM 88-108 MHz; VHF-Air AM 108-136 MHz; Ham/Govt. 138-148 MHz; VHF-Hi 148-174 MHz; 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, telescopic antenna, plus jacks for headphone and external speaker. $3\frac{1}{8} \times 11\frac{1}{4} \times 9$ ". With operating manual. U.L. listed AC operation or 12VDC negative ground. Memory backup requires 9V battery. **20-117** **349.95**



HOME/CAR* 20-CHANNEL PROGRAMMABLE SCANNER



Only \$26
Per Month
On CitiLine
Credit

ONE OF OVER 350 NEW LOW PRICES

279⁹⁵

Was \$299.95
in 1983
Catalog

Realistic PRO-2020. Features direct keyboard entry of Ham, police, fire railway, aircraft, weather channels and more. Has Search and Scan in two speeds, Scan Delay to avoid missing call-backs, and individual channel lock-outs. Zeromatic® circuitry for precise tuning. Big fluorescent readout, built-in speaker, plus jacks for headphones, external speaker, antenna and tape recorder. 2⁵/₈ x 7¹/₂ x 9⁷/₈". With mobile mounting bracket. U.L. listed AC operation or 12VDC neg. gnd.
20-112 279.95

No Crystals Needed • 20,480 Channels Available • Covers
30-50, 138-148 and 148-174 MHz VHF, Air 108-136 MHz AM, 410-470 and 470-512 MHz UHF
U.S. Pat. Nos. 3,794,925; 3,801,914 and 4,245,348

Now Even More Affordable—8-Channel Programmable Scanner



ONE OF OVER 350 NEW LOW PRICES

199⁹⁵

Was \$239.95 in 1983 Catalog

Realistic PRO-2009. Stretch your listening horizons without stretching your budget. Hear police, fire, trains, Hams, weather and more. Features direct keyboard entry, with Auto-Scan and Search to find new channels. Two-second Scan Delay, channel lockout, monitoring of your favorite frequency, squelch control. Bands: VHF-Lo 30-50 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Gov. 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, whip antenna, external antenna jack. 2³/₄ x 10¹/₂ x 8". U.L. listed AC operation. Requires 9V battery for memory backup. 20-109 199.95

No Crystals Needed • Tune in the Action on 18,160 Frequencies
U.S. Pat. No. 3,794,925; 3,801,914 and 4,245,348

Add Antennas and Accessories for Best Reception



- A Indoor VHF/AIR/UHF Plug-In Antenna. Center-loaded. Extends 16" to 40". Motorola-type plug. 20-161 9.95
- B VHF/UHF/Air Magnet Mount Mobile Antenna. 16-ft. cable. Motorola-type plug. 20-018 26.95
- C VHF-HI/Air/UHF Base Antenna. Accepts PL-259 connector. U-clamp mount fits masts up to 1¹/₂" diameter. Less cable. 20-176 . . 14.95
- D VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Less cable. 20-014 . . . 29.95
- E Coax Adapter. Adapts PL-259 connector to a Motorola-type plug. 278-208 1.79
- F Coax Clips. For RG58/U. 20-192 10 for 79¢
- G Coax Cable Assemblies. 52-ohm cable. PL-259 connectors at both ends. 50-foot RG58/U. 278-971 11.95
- H Monophonic Headset. Adjustable headband, padded earcushions, standard 1/4" plug. 20-210 9.95

"Police Call"
Frequency
Directories

6⁹⁵ Each



Vol.	States Covered	Cat. No.
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042
3	Michigan, Ohio	62-1043
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045
6	Dist. of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048
9	California, Oregon, Washington	62-1049

*Mobile Use of Scanners May Be Unlawful or Require a Permit—Check With Local Authorities

REALISTIC® SCANNERS FOR ALL THE LATEST ACTION

8-Channel Table Scanner for Exciting VHF/UHF Action-Band Listening at Home



ONE OF OVER 350 NEW LOW PRICES

119⁹⁵

Was \$129.95 in 1983 Catalog

5 Bands!
VHF-Hi/Lo
VHF-Ham
UHF-Hi/Lo

U.S. Pat. Nos.
3,794,925
and
3,895,303

Hear Police, Fire, Railway, Mobile Telephones, Weather and More!

Realistic PRO-54. Hear all the exciting action as it happens! Automatically locks in on active channels, then resumes scan when conversation ends. Two-second Scan Delay prevents missing return calls. Individual channel-lockout switches temporarily bypass unwanted channels. Squelch control eliminates background noise between calls. Bands: VHF-Lo 30-50 MHz; VHF-Ham 144-148; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. LED channel indicators. Built-in speaker, telescoping antenna, jacks for headphones and external antenna. Requires one crystal for each channel (below). 2⁷/₈ x 9¹/₂ x 7¹/₂". U.L. listed AC operation. **20-123** **119.95**

6-Band, 10-Channel Scanner Lets You Listen In on All the Action From Your Home or Car*



ONE OF OVER 350 NEW LOW PRICES

159⁹⁵

Was \$169.95 in 1983 Catalog

- Automatic AM Switching For Aircraft
- ANL on AM
- Dual Conversion
- AFC on UHF

Realistic PRO-48. Scans up to ten crystal-controlled channels, including aircraft. Bands: VHF-Lo 30-50 MHz; Aircraft 118-136 MHz(AM); VHF-Ham 144-148 MHz; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Automatically locks on to any active channel. Two-second Scan Delay, individual channel lockout switches with LED indicators for active channels. Selectable manual channel selection. Crystal and ceramic filters help clean up signal interference for clearest reception. Squelch control eliminates noise between messages. Built-in speaker. Jacks for external speaker, headphones and external antenna. Requires one crystal for each channel (below). 2⁵/₈ x 7¹/₂ x 9⁷/₈". U.L. listed AC operation or 12VDC neg. gnd. **20-143** **159.95**

Crystals. Specify frequency Each **4.95**

Hear the News Wherever You Go With a Portable* Scanner

NEW FOR '84

A VHF-Hi/Lo UHF VHF Air (AM)

149⁹⁵

B VHF-Hi VHF Air (AM)

NEW FOR '84 **99⁹⁵**

C

VHF-Hi/Lo/UHF

NEW FOR '84 **99⁹⁵**

Two Antennas Included



Use the Antenna that best suits your needs!

Telescoping for optimum range

Short flexible for close quarters



Above Scanners Covered by One or Both U.S. Pat. Nos. 3,794,925 and 3,895,303

A Realistic PRO-25. Automatically scans up to eight channels. Bands: VHF-Lo 30-50 MHz; VHF Aircraft 118-136 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Scan-Delay catches call responses. Features channel lockouts, squelch control, built-in speaker, earphone jack. Requires four "AA" batteries or AC or DC adapter (below). 7¹/₂ x 3³/₈ x 1¹/₂". Includes earphone, belt clip. Requires one crystal for each channel (below). **20-106** **149.95**

B Realistic PRO-23. As above, but four channels. Covers VHF-Hi 144-174 MHz and Air 118-136 MHz (AM). **20-104** **99.95**

C Realistic PRO-24. As above, but four channels. Covers VHF-Lo 30-50 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. **20-105** **99.95**

Crystals. Specify frequency Each **4.98**

120VAC AC Adapter/Charger. U.L. listed. **20-189** **4.95**

External Antenna Adapter. **20-020** **2.49**

12VDC Universal Adapter. Fits lighter socket. **270-1560** **9.95**

DIRECT-ENTRY PLL COMMUNICATIONS RECEIVER

**NEW
FOR '84**

299⁹⁵ Only \$27 Per Month
On CitiLine Credit

Hear International News, Music, Ham
And CB Operators on Shortwave, Marine
SSB, Plus Longwave and Local/Distant
Standard AM/FM Broadcast Stations

Realistic DX-400. Our finest portable receiver ever! Microprocessor-controlled plus phase-locked-loop, direct-entry pushbutton tuning. Use Auto-Scan to find new stations or manual tuning with 1-3 kHz stepping on AM/SSB/CW, 50 or 100 kHz on FM. Six AM and six FM memory presets, lighted LCD frequency display and signal strength meter. Wide/narrow selectivity plus fine-tuning for clearest reception. Antenna trimmer and 3-step RF gain control. Sleep switch provides auto-shutoff after 10-90 minutes. Telescopic antenna, loopstick for AM and built-in speaker. Jacks for external speaker, external antenna and headphones. U.L. listed. 20-207 299.95

Specifications

Sensitivity: AM (except broadcast and longwave), 1 μ V for 10 dB S/N ratio; SSB, 0.5 μ V for 10 dB S/N; Longwave; 5 μ V for 10 dB S/N; Broadcast, 300 μ V/m for 6 dB S/N; FM, 5 μ V for 30 dB quieting. **Selectivity:** Wide, ± 3 kHz at 6 dB, ± 6 kHz at 50 dB; Narrow, ± 2.5 kHz at 6 dB, ± 5 kHz at 50 dB. **Bands:** AM/SSB(USB and LSB)/CW, 150-29,999 kHz; FM 87.4-108 MHz. **Power Requirement:** 120 VAC, 12VDC neg. gnd. or six "C" batteries (not incl.). Requires two "AA" batteries for memory backup. **Size:** 6 \times 12^{5/8} \times 3^{1/2}".



Exciting "Voice of the World" 9-Band Portable Communications Receiver

Available September 30, 1983

AM/FM, International Long-
wave Broadcast Bands,
Six Shortwave Bands

99⁹⁵ **NEW
FOR '84**

Realistic DX-360. Take it with you for great listening anywhere in the world! Hear exciting international news, views and entertainment on the BBC, Voice of America, Radio Japan and many others, plus standard AM and FM. International broadcast bands are highlighted on the tuning dial. Features Glide-Path[®] volume, tone and short-wave band selector controls. Telescopic antenna, built-in speaker and tuning/battery LED indicators. 1/8" ear-phone jack. Bands: AM/FM Broadcast, plus SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2 to 10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz, SW6 21-25 MHz, LW 150-260 kHz. 4^{1/2} \times 10^{1/4} \times 1^{3/4}". Requires four "AA" batteries or DC adapter. 20-208 99.95



Expand Your Communications System With These Shack[®] Accessories

SW Antenna Kit



849

75-foot copper wire, insulators, lead-in, standoffs, window feed-thru.

278-758 8.49

Mono Headset

795

Adjustable Headband, padded earcushions. 4-16 ohms, 1/4" plug.

20-200 ... 7.95



Lightweight Mono Headset

995

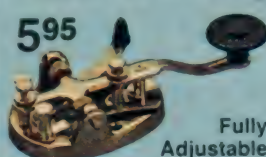
Adjustable headband, foam ear cushions. 1/4" plug, 4-16 ohms.

20-210 .. 9.95



Morse Code Key

595



Fully Adjustable

Adjustable tension and contact spacing. Ball bearing pivots.

20-1084 5.95

Practice Module

279

Learn Morse Code

Prewired—just add code key, earphone or speaker, 1^{1/2}-volt battery. 20-1155 2.79



PORTAVISION® RADIOS FOR AM/FM & TV SOUND



A

Channels 2 to 83
UHF/VHF-TV Sound

79⁹⁵



B

VHF-TV Sound,
Police, Aviation

59⁹⁵

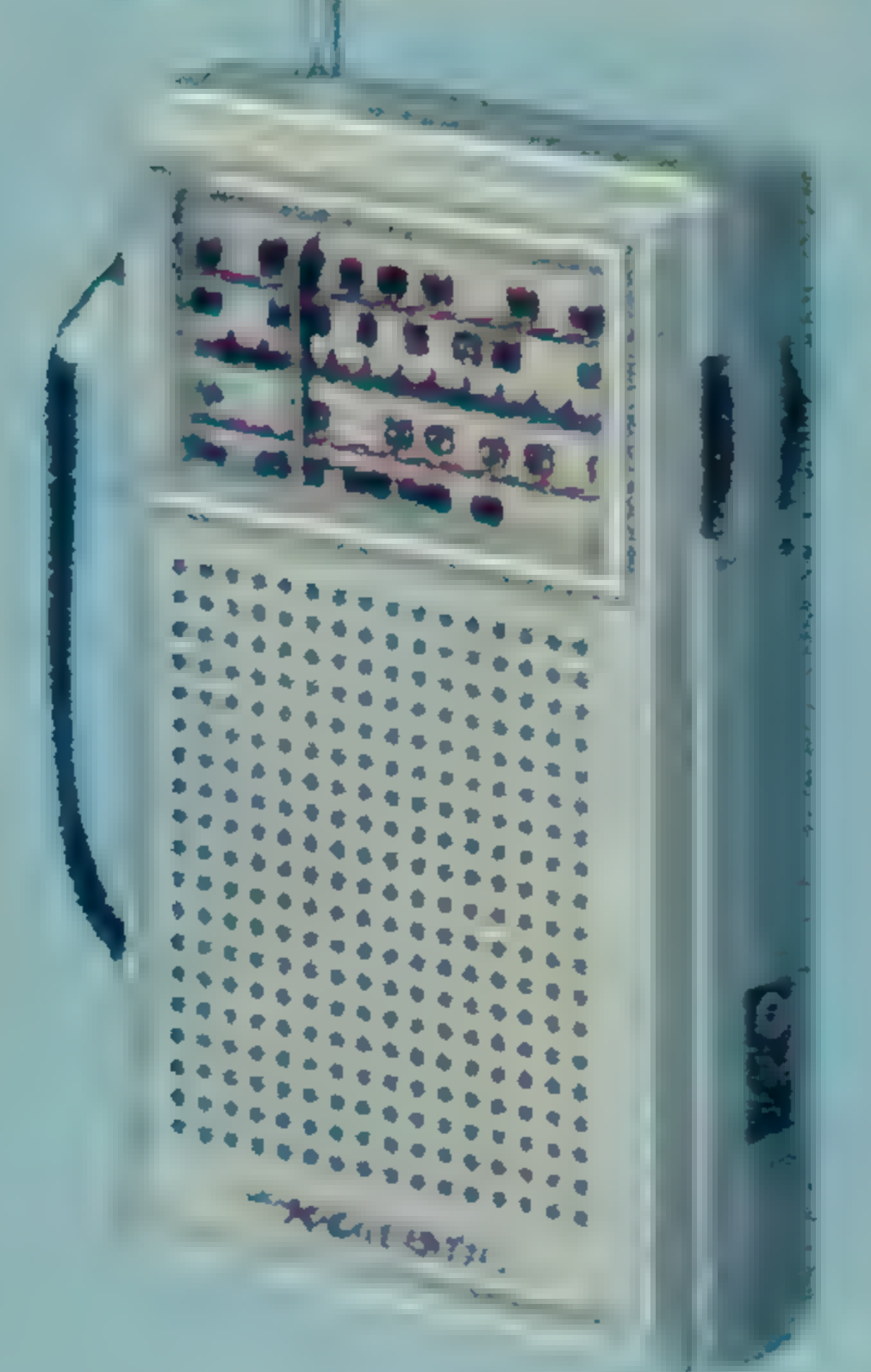


C

Channels 2-13
VHF-TV Sound

44⁹⁵

PortaVision®
TV Sound
On-the-Go



D

Pocket
VHF-TV Sound

29⁹⁵

A Realistic® PortaVision-55. Our best TV sound portable lets you take all your favorite shows and sports wherever you go! Features wide slide-rule dial for AM/FM, TV-1 (channels 2-6) and TV-2 (channels 7-13). UHF tuner has 70 "click-stop" positions and fine-tuning. Tone control, 3 1/2" speaker, fold-down handle. 7 1/4 x 11 1/2 x 3 1/2". With earphone. U.L. listed AC operation or six "C" batteries (not incl.). 12-778 **79.95**

B Realistic PortaVision-5. Catch all the action—police, fire, weather, aircraft, VHF-TV and AM/FM. Features squelch control to cut noise, tone control, 3 1/2" speaker, 1/4" headphone jack, FM/VHF antenna jack. 9 x 11 x 3 1/4". U.L. listed AC operation or four "C" batteries (not incl.). 12-768 **59.95**

C Realistic Personal PortaVision. Ceramic filter cuts interference, RF amplifier and telescoping antenna for best reception. With 3" speaker, earphone. Automatic AC-to-battery switching. 7 7/8 x 10 x 3 1/2". U.L. listed AC operation or four "C" batteries (not incl.). 12-660 **44.95**

D Pocket PortaVision. Easy one-hand, slide-rule tuning lets you enjoy your favorite sports, soap operas, game shows, movies and more anywhere, anytime! Has a ceramic filter to cut signal interference on VHF-TV and FM. 2 1/4" speaker. AC adapter jack. With earphone and carry strap. 6 x 3 1/2 x 1 3/4". Requires 9V battery. 12-613 **29.95**
AC Adapter. U.L. listed. 273-1455 **6.95**

Feature-Packed Shortwave Portables Let You Listen to the World

Air, 3 Shortwave, AM/FM

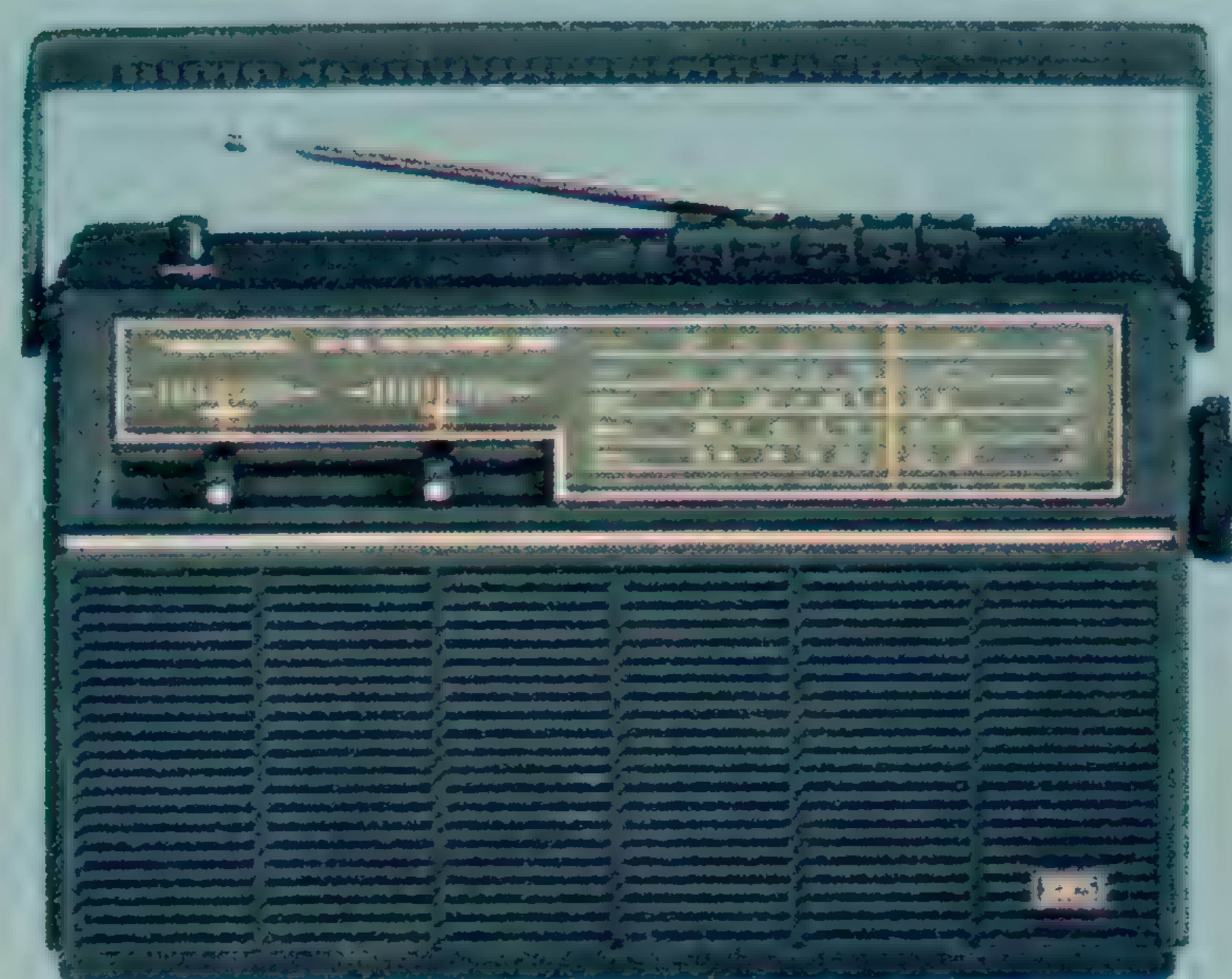


AM, FM, 108-136 MHz VHF-Air,
3-6.5 MHz, 6.5-13 MHz, 13-26 MHz

69⁹⁵

Realistic DX-66. Six bands let you tune in AM, FM, VHF-Air and worldwide shortwave. All-band fine-tuning, AC-to-battery automatic switching if power fails, AFC for no-drift FM reception, telescoping FM/SW/VHF antenna, 4" speaker, 1/4" headphone jack, external FM/SW/VHF antenna jack. 10 1/4 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-767 **69.95**

3 Worldwide Bands, AM/FM



ONE
OF
OVER **350**
NEW LOW PRICES

AM, FM, 3-6.5 MHz,
6.5-13 MHz, 13-26 MHz

Was \$49.95 in
1983 Catalog

44⁹⁵

Realistic DX-55. Get the news from across the world, plus AM/FM with this five-band compact. AM/SW fine-tuning, 3 1/2" speaker, slide-action volume and tone, AC-to-battery automatic switching, AFC for no-drift FM, telescoping FM/SW antenna, jack for external FM/SW antenna. With earphone. 7 1/8 x 12 x 3 1/2". U.L. listed AC operation or four "C" batteries (not incl.). 12-777 **44.95**

Police, Air, Weather, AM/FM



**NEW
FOR '84**

99⁹⁵

AM, FM, VHF Air-Hi,
VHF-Lo, UHF, 6-18 MHz

Patrolman® SW-60. Six bands, and loaded with features! Hear local police, aircraft and weather on VHF Air-Hi, VHF-Lo, UHF and AM/FM. All-band fine-tuning, AC-to-battery automatic switching, squelch control, 4" speaker, jacks for 1/4" headphone and external FM/VHF antenna. 10 1/2 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-779 **99.95**

THE SHACK® HAS AM/FM PORTABLES READY TO GO

AM/FM Portables Loaded With Features

Both With Full-Range 4" Speaker, Tone Control, Automatic Battery-to-AC Switching and FM-AFC



A **ONE OF OVER 350 NEW LOW PRICES** **3995**

Was \$44.95 in 1983 Catalog

B **ONE OF OVER 350 NEW LOW PRICES** **4495**

Was \$49.95 in 1983 Catalog

A "Go-anywhere" compact with big signal-pulling power! Ceramic filter provides extra selectivity for clearer reception in crowded signal areas. Slide-rule tuning, built-in AM and telescoping FM antennas. 8 1/4 x 10 1/2 x 3". With earphone. U.L. listed AC operation or four "C" batteries (not incl.).

12-624 39.95

B Enjoy news, music, plus instant updates from the National Weather Service. Slide-rule tuning dial, ceramic FM filter, built-in AM and telescoping FM/Weather antennas. With earphone. 8 1/4 x 10 1/2 x 3". U.L. listed AC operation or four "C" batteries (not incl.). 12-623 44.95

AC Adapter. U.L. listed. 273-1455 6.95

Our Finest High-Performance AM/FM Portable Radio



6995

- Tuned RF Amplifiers for Long-Range AM/FM Reception
- Separate Bass & Treble Controls

Advanced circuitry pulls in more stations, with better sound, than ever before! Full one-watt audio power output, large 5 1/4" speaker, loudness button to enhance bass at low volume. Separate bass and treble controls tailor the music to your taste. AFC for no-drift FM. Built-in AM and telescoping/swivel FM antenna, plus terminals for external. FM antenna. With earphone, fold-down handle. 11 5/8 x 12 1/4 x 4". U.L. listed AC operation or six "D" batteries (not incl.). 12-650 69.95

Pocket AM, VHF-Air



1995

AM/VHF Aircraft

- Hear Planes and Towers Talk
- Ideal for Air Shows

Jetstream®. Two-band radio for 108-135 MHz aviation band and standard AM on-the-go! 2 1/2" speaker. Built-in AM, telescoping VHF antennas. With earphone and carry strap. 4 3/4 x 2 7/8 x 1 5/8". Requires 9V battery. 12-601 19.95

Ruggedly Styled AM/FM



2995

Large Slide-Rule Dial

Stylish compact is priced low, and set to go! Tone switch, FM-AFC, 3" speaker, built-in AM and telescoping FM antennas. 6 7/8 x 8 7/8 x 3". U.L. listed AC operation or six "AA" batteries (not incl.). 12-711 ... 29.95

Extra-Feature AM/FM

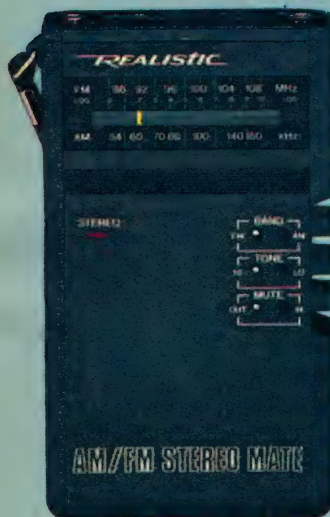


- Rotary Tone Control
- AC-to-Battery Automatic Switching

3495

Features AFC for no-drift FM enjoyment. 3" speaker, built-in AM and telescoping FM antennas. With earphone. 7 1/4 x 9 1/4 x 2 5/8". U.L. listed AC operation or four "C" batteries (not incl.). 12-668 34.95

STEREO-MATE™ PERSONAL PORTABLE RECEIVERS



Our Finest AM/FM STEREO-MATE

ONE OF OVER
NEW LOW PRICES

350

3995

Was \$49.95 in
1983 Catalog

- Fits Pocket or Wear on Belt
- Hi/Lo Tone Switch • FM Muting

Enjoy music or the game's play-by-play while jogging, working, relaxing. FM muting switch cuts tuning noise between stations. Dual $\frac{1}{8}$ " stereo headphone jacks for sharing the music, built-in AFC for no-drift FM. With carry case and wrist strap. $6 \times 2\frac{3}{4} \times \frac{3}{4}$ ". Requires three "AA" batteries and Micro Headphones. 12-113 **39.95**

AM/FM Stereo With Built-In Belt Clip

NEW
FOR '84

2995

Shuts Off Automatically When Headphone is Unplugged

Great stereo sound to go! Slips in your pocket or clips to belt. Rotary tuning and volume controls, built-in FM-AFC, AM/FM/FM stereo switch, LED FM stereo indicator, $\frac{1}{8}$ " headphone jack. $4\frac{7}{8} \times 2\frac{7}{8} \times \frac{7}{8}$ ". With vinyl carry case and shoulder strap. Requires three "AA" batteries and Micro Headphones. 12-114 **29.95**



NEW
FOR '84

A 2995

NEW
FOR '84

B 3995

Available October 15, 1983

C 1995

ONE OF OVER
NEW LOW PRICES

350

Was \$21.95 in
1983 Catalog

AM/FM Stereo Fits in Shirt Pocket

- Balance Control • Built-in FM-AFC

A Ultra-slim stereo lets you take great AM and FM with you anywhere! Rotary tuning and volume controls. $2\frac{15}{16} \times 5\frac{3}{8} \times \frac{5}{8}$ ". Requires two "AAA" batteries and Micro Headphones. 12-116 **29.95**

Our Smallest AM/FM Stereo

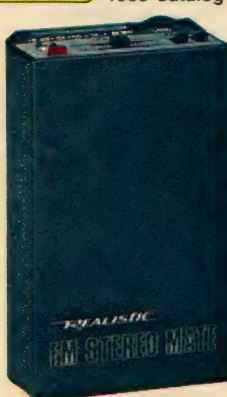
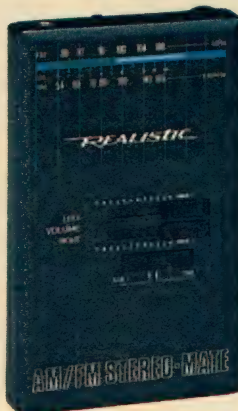
Separate Right and Left Channel Volume Controls

B Puts stereo sound in the palm of your hand! Built-in AFC, FM LED indicator, $\frac{1}{8}$ " headphone jack. With vinyl pouch. $2\frac{3}{4} \times 4\frac{3}{8} \times \frac{1}{2}$ ". Requires two "AA" batteries and Micro Headphones. 12-115 **39.95**

Ultra-Compact, Lightweight FM Stereo

- Ceramic FM Filter • Only $3\frac{7}{8} \times 2\frac{3}{8} \times 1"$

C Fits in shirt pocket or wear on belt. Built-in AFC, LED stereo indicator, stereo/mono switch, $\frac{1}{8}$ " headphone jack. With carry case. Requires one 9V battery and Micro Headphones. 12-109 **19.95**



Deluxe AM/FM Stereo System for Home or Portable Use

ONE OF OVER
NEW LOW PRICES

5995

Was \$69.95 in
1983 Catalog

Enjoy your favorite stereo at home, or use the pocket receiver for great sound to-go. Separate bass/treble controls, aux jack to add a cassette deck. With carry case for pocket receiver. System: $5\frac{3}{8} \times 12\frac{7}{8} \times 2"$. Receiver: $4\frac{7}{8} \times 2\frac{3}{4} \times 1"$. Amplifier requires four "C" batteries, pocket receiver requires three "AAA" batteries. Pocket receiver requires Micro Headphones. 12-707 **59.95**

- Two Built-in 4" Wide-Range Stereo Speakers
- Removable AM/FM STEREO-MATE Pocket Receiver
- 60-Minute "Sleep" Switch With Auto-Shutoff



Micro-Stereo Headphones

See our complete selection of lightweight stereo headphones, starting at \$9.95. See page 33 for details.



THE SHACK® HAS A RADIO FOR EVERY OCCASION

Deluxe Bike Radio With Horn



1995

3" Safety Reflector

Archer Road Patrol®. Mounts on almost any handlebar. AM radio removes easily, bracket stays on bike. Pushbutton horn, 2 1/2" speaker. 3 1/2 x 5 1/4 x 3 7/8". Requires three "C" batteries. 12-197 19.95

Personal Radio and Headphones

NEW FOR '84

1195

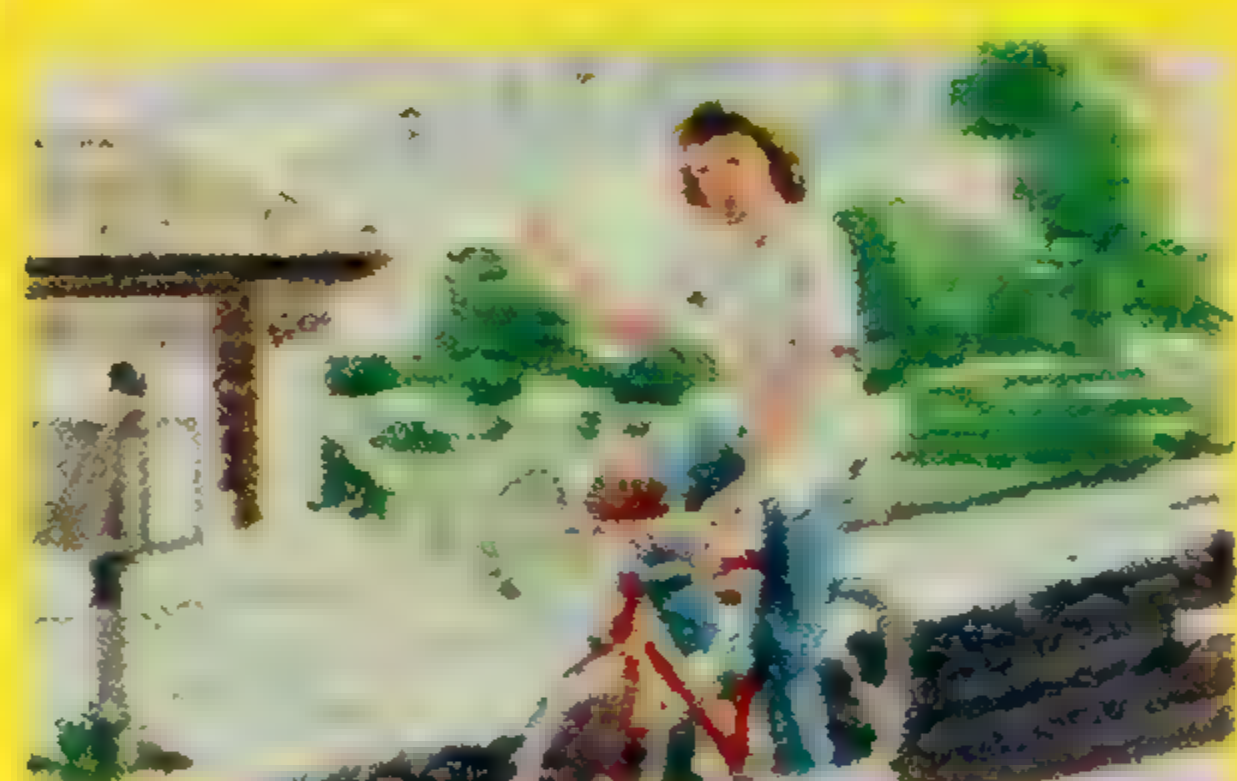
- Hear Your Favorite AM Stations Or the Game's Play-by-Play
- One-Hand Rotary Volume Control

Complete listening system for go-anywhere music on a budget. Compact—fits in your purse or shirt pocket. Headphones let you listen to your favorite station in private. 1/8" headphone jack. 1 3/8 x 4 x 7/8". Requires 9V battery. 12-108 ... 11.95



Budget Bike Radio

1295



Archer Road Patrol . Low-priced AM radio for peddlin' fun! 2 1/4" speaker, earphone jack, weatherized case. 4 x 5 x 3 1/2". Requires 9V battery. 12-196 12.95

Digital AM/FM Travel Clock Radio With Snooze

ONE OF OVER 350 NEW LOW PRICES

3995

Was \$49.95 in 1983 Catalog

- Compact—Packs Easily for Trips
- Backlight Display Pushbutton
- Quartz Accuracy



Chronomatic®-228. Wakes you up to "beep" alarm and radio. Easy-to-read 3/8" LCD, pushbutton time/alarm settings, ceramic filter, 24-hour alarm. 2 3/4 x 6 5/8 x 1 5/8". Requires four "AA" batteries. 12-1535 39.95

"Private Listening" Headphone Radios Are Music to Your Ears

AM

ONE OF OVER 350 NEW LOW PRICES

1495

Was \$17.95 in 1983 Catalog

Great for Walks, Jogging, or Working in The Yard



Tandy® AM Headset. Light and comfortable! Twin speakers, side-mounted rotary volume and tuning controls, built-in antenna. Adjustable headband. Requires 9V battery.

12-187 14.95

AM/FM

ONE OF OVER 350 NEW LOW PRICES

2495

Was \$29.95 in 1983 Catalog



Tandy AM/FM Headset. Padded earcushions seal out noise, seal in music. Side-mounted rotary tuning. Antenna is hidden in adjustable headband. Requires 9V battery.

12-186 24.95

AM/FM Stereo

3995



Tandy AM/FM STEREO-MATE® Headset. Rotary volume, balance and tuning controls. Adjustable headband, built-in antenna. Requires three "AAA" batteries.

12-188 39.95

NOVELTY AM RADIOS IN UNIQUE SHAPES AND SIZES

Columbia Space Shuttle Radio



Hidden Volume
And Tuning Controls

11⁹⁵

"Out of this world" AM listening. A detailed reproduction with cargo bay doors that open and landing gear that retracts. 10 1/2" long. Requires 9V battery.

12-956 11.95



World Globe With Radio

**NEW
FOR '84**

12⁹⁵

Span the Globe
While Listening
To the Built-In
AM Radio

A world of listening fun for kids' rooms or desktop. Easy-access volume and tuning controls. 8 1/2" high. Requires 9V battery. 12-952 12.95



Heinz® Ketchup Bottle Radio

**NEW
FOR '84**

10⁹⁵

Pours Out
A Variety of
Entertainment

®Trademark H.J. Heinz Co.

2" speaker, rotary tuning and volume. 8 5/8" high. Requires two "AA" batteries. 12-951 10.95

Classic Rolls Royce Car Radio



14⁹⁵

**ONE
OF
OVER
NEW LOW PRICES**

350
Was \$19.95 in
1983 Catalog

Terrific for
Auto Buffs

A beautiful replica of the classic 1931 "Phantom II". The spare tires are actually the tuning and volume controls. 10" long. Requires 9V battery.

12-963 14.95

Football Helmet Radio



11⁹⁵

Looks Great
On any
Desktop or
Bedside Table

Hear the big game on this rugged-looking AM radio. Side-mounted volume, tuning controls. 5 1/4" high. Requires 9V battery. 12-955 11.95

Wilson® Football Radio

**NEW
FOR '84**

10⁹⁵

With
Kicking Tee
Stand

®Trademark Wilson
Sporting Goods Co.



Kick off the season with this 6 3/8"-long AM radio. Rotary volume and tuning knobs. 2 1/4" speaker. Requires two "AA" batteries. 12-953 10.95

Cute 'n Cuddly Pettable Portable Radios

**NEW
FOR '84**

Sad
Puppy

Low As

12⁹⁵

**NEW
FOR '84**

Wise
Owl

**NEW
FOR '84**

Spaniel

Pekingese

Cuddly Cat



Country
Mouse

Furry little friends that kids love! Built-in AM radios with external controls. Require 9V battery.

Description	Cat. No.	Each	Description	Cat. No.	Each
Sad Puppy	12-988	14.95	Cuddly Cat	12-983	12.95
Mouse	12-975	14.95	Wise Owl	12-987	13.95
Spaniel	12-979	15.95	Pekingese	12-967	13.95

Make Friends With a Smurf™ Radio

**NEW
FOR '84**

8⁹⁹

TMTrademark
Nasta Ind. Inc.



Kids Will Love to Carry Him Everywhere

"Smiley" Smurf brightens up everyone's AM listening! Rotary volume and tuning controls. 2 1/2" speaker, earphone jack. Wrist strap. 4 x 3 13/16 x 1 3/8". Requires 9V battery. 12-954 ... 8.99

BEST BUYS IN AM AND AM/FM POCKET PORTABLES

Deluxe AM/FM Portable Radio

ONE
OF
OVER **350**
NEW LOW PRICES

1795

Was \$19.95 in
1983 Catalog

- Excellent Sensitivity and Tonal Quality
- Side-Mounted Controls for Easy One-Hand Operation

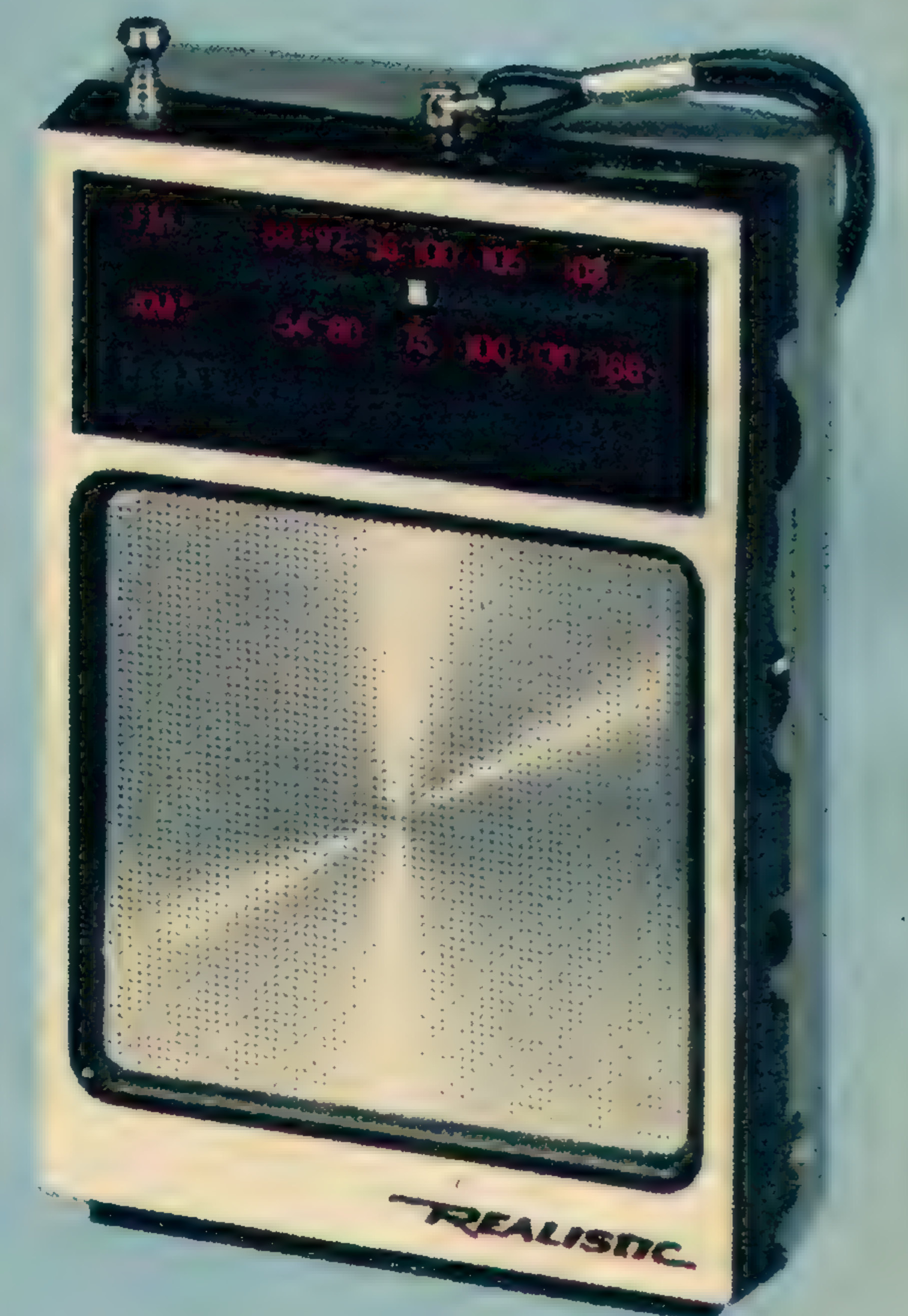
Features two ceramic filters that cut signal interference on both AM and FM. 2 1/2" speaker, telescoping FM and built-in AM antennas. 4 3/4 x 2 7/8 x 1 5/8". With earphone, wrist strap. Requires 9V battery. 12-602 17.95

Our Finest AM/FM Pocket Portable

2195

- High/Low Tone Switch
- Easy Slide-Rule Tuning
- AFC Prevents FM Drift

Smart looks and great sound in a radio that fits in a coat pocket or purse. Compact and rugged with stylish aluminum trim. 2 1/2" speaker, built-in AM and telescoping FM antennas. 5 1/4 x 3 x 1 1/2". With earphone, wrist strap. Requires 9V battery. 12-714 21.95



Low-Cost Pocketable AM/FM Radio

ONE
OF
OVER **350**
NEW LOW PRICES

1595

Was \$16.95 in
1983 Catalog

- Big Easy-Tune Slide-Rule Dial
- IC Design for Superior Sound

Handy little radio with slide-rule tuning, side-mounted controls, 2 1/4" speaker, built-in AM and telescoping FM antennas in a rugged case. 4 15/16 x 3 1/8 x 1 5/8". With earphone for private listening, wrist strap. Requires 9V battery. 12-634 15.95

Slim-Line AM/FM With IC Design

1795

- One-Chip Integrated Circuit For Compactness and Reliability
- Rotary Tuning for One-Hand Operation

This ultra-thin radio is our most "pocketable" AM/FM of all, yet it delivers excellent reception and sound. 2 1/4" speaker, telescoping FM and built-in AM antennas. 3 x 5 9/16 x 1 1/8". With earphone and wrist strap. Requires 9V battery. 12-715 17.95



Slim-Line AM Radio

1095

Integrated
Circuit Cuts
Size, Adds
Reliability

Pocket AM On a Budget

**NEW
FOR '84**

695

Makes a
Perfect
"Extra"
Portable

Our Famous AM Flavoradios®

788
Each

In Four
Delicious
Flavors



They slip easily into pocket or purse, or add a splash of color when carried by the handy wrist strap. They make great gifts, so buy enough for all the kids. With earphone. 3 5/8 x 2 3/4 x 1 1/2". Require 9V battery. 12-166 7.88

CLOCK RADIOS WITH BATTERY BACKUP/SENTINEL

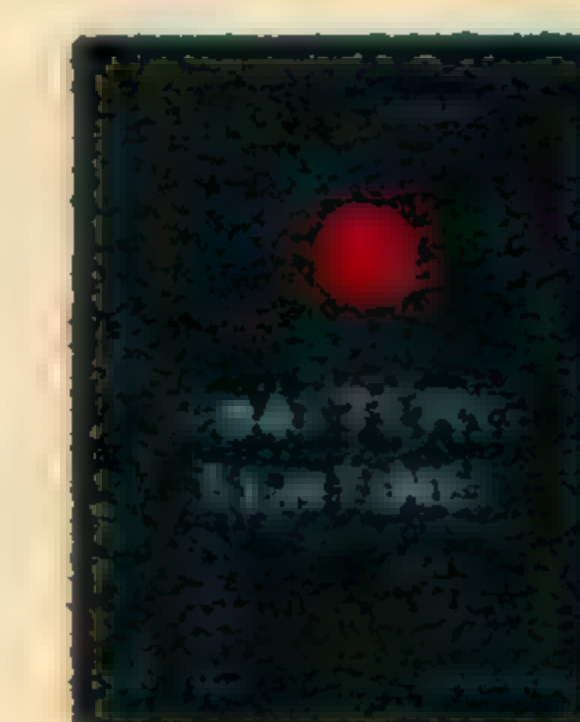
Battery Backup

9V battery runs clock (without display) up to 8 hours and alarm for 10 minutes, if AC fails



Battery Sentinel™

Front-panel red LED warns you if backup battery is weak or missing—fail-safe design



Our Stereo Model Sounds Fantastic

59⁹⁵

Was \$69.95 in 1983 Catalog

Twin Side-Mounted 3" Speakers

Chronomatic®-225. Start each morning with your choice of stereo music on FM, your favorite AM station, or buzzer alarm. Turn off alarm/radio and it automatically *resets itself* for tomorrow's wake-up time! Clock features hi/lo display dimmer, snooze and 1-hour/59-minute sleep controls, p.m. and wake LEDs. Lighted dial, hi/lo tone switch, balance control, LED stereo indicator, FM-AFC, terminals for external FM antenna, 1/4" stereo headphone jack. 4 x 12³/₄ x 6¹/₂". U.L. listed. 12-1532 59.95

ONE OF OVER **350** NEW LOW PRICES

0.9" LED—Easy to See Night or Day



ONE OF OVER **350** NEW LOW PRICES

47⁹⁵

Was \$49.95 in 1983 Catalog

- LED Indicators for P.M. and Wake
- Hi/Lo Display Dimmer

Chronomatic-230. Use the 1-hour/59-minute sleep control to doze off. Rise 'n shine to radio or buzzer. Tap the snooze bar to steal a few extra winks. Time and alarm-set controls are easy to get at and simple to use. Radio has lighted slide-rule dial, 3" speaker, AFC and ceramic filter on FM, earphone jack. 3 x 10¹/₄ x 5¹/₂". U.L. listed. 12-1537 47.95

Full-Feature Calendar/Alarm Clock Radio



39⁹⁵

ONE OF OVER **350** NEW LOW PRICES

Was \$49.95 in 1983 Catalog

- Shows Time or Month and Date
- Fluorescent Display With Hi/Lo Dimmer

Chronodate-229. Dual-purpose push bar shows month/date display, or allows a few extra minutes to snooze. Sleep control for up to 59 minutes dozing time with auto-shutoff. Display has a.m./p.m. and wake indicators. Radio has 3" speaker, lighted slide-rule tuning dial and earphone jack. 3 x 10¹/₄ x 5¹/₂". U.L. listed. 12-1536 . . 39.95

Unique! Compact Cube Clock Radio

NEW FOR '84

32⁹⁵

- 4³/₈" Cube Fits in Small Places
- Hi/Lo LED Dimmer

Chronomatic-241. Compact, yet has features found in our bigger models. LED display with p.m. indicator, one-button alarm-reset, 1-hour/59-minute sleep and snooze functions. Radio has 2¹/₂" speaker, slide-rule dial. U.L. listed. 12-1548 32.95



One of Our Most Popular Clock Radios



ONE OF OVER **350** NEW LOW PRICES

37⁹⁵

Was \$42.95 in 1983 Catalog

Chronomatic-233. A better buy than ever! Selectable radio or buzzer alarm, hi/lo LED dimmer switch, 1-hour/59-minute sleep and snooze. Radio has lighted dial plus AFC and ceramic filter for superior FM, 3" speaker, earphone jack. 2¹/₂ x 9¹/₄ x 5¹/₂". U.L. listed. 12-1540 37.95

THE LATEST FEATURES AT THE LOWEST PRICES

AM/FM Clock Radio Featuring Built-In Telephone Cradle

**NEW
FOR '84**

39⁰⁰

Telephone
not included



Chronofone-100. Amazing low price for such versatility! Wake to radio or buzzer. Cradle space on back of cabinet fits most one-piece phones. A built-in switch mutes radio automatically when telephone is used. Includes 7-foot modular phone cord and handy cord retainer on bottom of cabinet. Also has 0.6" LED display with dimmer, lighted tuning dial, snooze and 1-hour/59-minute sleep controls, 3" speaker, earphone jack. 2 1/2 x 9 5/8 x 7 1/2". U.L. listed. 12-1544 39.00
ET-120 Tone-Dial Phone. (Shown.) 43-502 29.95

Holds Most One-Piece Telephones—Saves Space on Bedside Table, Adds Convenience, Reduces Clutter

"Human-Engineered" Direct-Input Pushbutton Controls Simplify Operation

**NEW
FOR '84**

44⁹⁵

- You Can't Buy an Easier-to-Use Clock Radio
- Green Fluorescent Display With Auto-Dimmer

Chronomatic-232. Thin-line front-panel controls make this our easiest-to-use clock radio ever! Features a top-mounted sensor-type snooze control, plus display indicators for a.m./p.m., sleep and alarm. 1-hour/59-minute sleep control. Lighted slide-rule dial, hi/lo tone switch and 3" speaker. 2 1/4 x 9 1/2 x 5 1/2". U.L. listed. 12-1539 44.95



Soft-Touch Controls for
Easy Entry of All Functions

Our Lowest Priced AM/FM Waker-Upper



**NEW
FOR '84**

27⁹⁵

Available
Oct. 30, 1983

Chronomatic-236. Dependable IC-controlled clock has snooze and 59-minute sleep controls, fast/slow time-set buttons. 0.6" display with p.m./wake LEDs. Radio or "beep" alarm. 3" speaker. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1545 27.95

Budget-Priced and Feature-Packed



Compact—Fits Any
Table or Shelf

**ONE
OF
OVER 350
NEW LOW PRICES**

34⁹⁵

Was \$39.95 in
1983 Catalog

Chronomatic-234. Doze off to radio for up to one hour and 59 minutes with auto-shutoff, wake to radio or buzzer. Hi/lo dimmer, p.m./wake indicators. 3" speaker, AFC and ceramic filter on FM, earphone jack. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1541 34.95

AM/FM CLOCK RADIOS WITH CASSETTE RECORDERS

Our Best! Stereo Radio and Cassette



Available Oct. 30, 1983

**NEW
FOR '84**

9995

Battery Backup* keeps clock on time and operates alarm if power fails.

Battery Sentinel™ LED warns if backup battery is weak or not installed.

- Two 4" Speakers • End-of-Tape Auto-Stop
- Stereo-Wide™ Adds Extra Depth to Sound

Realistic Chronosette™-237. Wake with stereo from FM or cassettes, buzzer alarm or AM radio. Records off-the-air or "live" if you add mikes. Sleep and snooze features work with radio and tape. Sleep switch lets you record for up to one hour, 59 minutes while you're away, then shuts off. Has pause control, 3-digit counter, automatic record level, Battery Sentinel LED, 0.6" LED time display with hi/lo brightness. Pushbuttons for easy and exact time and alarm setting. Headphone jack. Aux input jacks. Terminals for external FM antenna. Deluxe wood cabinet with simulated walnut finish. 6 x 6 1/2 x 12 1/2". U.L. listed. **12-1543 99.95**



Mono Radio/Cassette Recorder

7995

With Battery Backup*
And Battery Sentinel

- Records Directly Off-the-Air or "Live" With Built-In Electret Condenser Mike
- Top-Mounted Sleep and Snooze Controls Work With Either Radio or Tape

Chronosette-235. Wake to FM, AM, your favorite tape or a buzzer. Features automatic record level, pause control, end-of-tape Auto-Stop. 0.6" LED time display has PM and Wake indicators and a dimmer switch. The sleep switch lets you record for up to one hour, 59 minutes while you're away, then shuts off. Pushbuttons make it easy to set time and alarm to the exact minute you want. Lighted dial, 3" speaker, earphone jack. Molded cabinet with simulated walnut finish. 3 1/4 x 11 3/4 x 6 7/8". U.L. listed. **12-1538 79.95**

Table Radios for Kitchen, Bedroom or Office

[A] Realistic MTA-11 Deluxe AM/FM Radio. Quality you can see and hear! The 6 1/2" speaker has a free-edge cone and is acoustically sealed in the cabinet for rich, room-filling sound. Ceramic filter and an integrated circuit provide real station-pulling power on FM. Lighted dial, tone control, built-in antennas, terminals for external FM antenna. Pressed wood cabinet, simulated rosewood finish. 8 25/32 x 13 13/32 x 5". U.L. listed AC operation. **12-690 49.95**

[B] Realistic MTA-8 Compact AM/FM Radio. The little radio that "thinks" it's a hi-fi! Features an integrated circuit (IC) audio output stage and a free-edge 4" speaker for superb sound. Has a tone control, ceramic filter for superior FM reception, lighted dial, built-in antennas, terminals for external FM antenna. Pressed wood cabinet with hand-some walnut vinyl veneer finish. 6 x 10 13/16 x 3 15/16". U.L. listed AC operation. **12-689 39.95**

[C] Realistic Compact AM Radio. Big on looks but small in size! Ideal for garage, kitchen, shop, utility room. Transformerless audio stage and 3" speaker deliver surprisingly good sound. Molded cabinet with simulated walnut finish. 4 1/4 x 8 5/8 x 3 1/2". U.L. listed AC operation. **12-679 16.95**



1695 [C]

3995

4995

PUT INSTANT WEATHER INFO AT YOUR FINGERTIPS

Weatheradio Alert Warning System Radios

When severe weather threatens, a signal from the National Weather Service triggers a loud alarm built into the Weatheradio Alerts shown below. When the alarm sounds, just press weather button for latest facts and forecasts.

Weatheradio Alert II Operates Even if AC Power Fails

39⁹⁵

Crystal-Controlled for
Drift-Free Reception

Our finest! Brings in weather stations up to 50 miles away. Features LED "standby" indicator and alarm-test button. Perfect for night stand or desk. 13³/₄ x 6⁷/₈ x 5". U.L. listed AC operation. Requires 9V battery for backup feature. 12-154 39.95

Handy Pocket Weatherradio Alert

32⁹⁵

- Ideal for Travelers, Outdoorsmen
- Crystal Control Eliminates Drift

"Take-anywhere" size, yet receives weather stations up to 35 miles away! Features a weather/standby selector with mode indicator, telescoping antenna. 4³/₄ x 3¹/₄ x 1¹/₄". Requires 9V battery or AC or DC adapter.

12-161 32.95

AC Adapter. U.L. listed. 273-1650 . . 11.95

12VDC Adapter. 270-1560 9.95

Stay Informed With a Realistic Weatheradio®

The U.S. Government's National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special VHF stations in over 365 cities nationwide. Most stations operate 24 hours a day. Visit Radio Shack for details.

Desktop Weather and Time Receiver

Radio Shack Exclusive

**NEW
FOR '84**



39⁹⁵

Receives National Weather Service
Stations Up to 50 Miles Away and
Accurate-to-the-Second Time From
The National Bureau of Standards

Realistic Weatheradio/Timecube. This unique radio puts accurate time and weather information at your fingertips. Ideal for a desk or table-top and it makes a great gift. Just tap the Play Bars to hear your local weather service station or the U.S. Government's time station WWV in Fort Collins, Colorado. Crystal controlled circuit for drift-free reception of both services. Under-set controls let you select the 5, 10 or 15 MHz frequencies of WWV. Side-mounted rotary volume control, telescoping antenna. Converter wheel with positions for U.S. time zones is built into the cabinet. Low-profile styling with simulated walnut finish. 17⁷/₁₆ x 6 x 3¹⁵/₁₆". Requires 9V battery.

12-149 39.95



A

29⁹⁵

Wall-Mount
Weather Station



B

24⁹⁵

Desktop
Weatheradio

A Deluxe Weather Station. Great addition to any wall. Accurate indoor thermometer plus hygrometer to indicate humidity. RF amplifier brings in weather stations up to 50 miles away. Crystal-controlled for drift-free reception. Woodgrain finish. 13¹/₂ x 4³/₈ x 1¹/₄". Requires 9V battery. 12-150 29.95

B Low-Profile Desktop Weatherradio. RF amplifier for 50-mile range. Crystal-controlled. Simulated rosewood. 11¹/₂ x 5¹/₄ x 3¹/₂". Requires 9V battery or AC adapter. 12-152 24.95

AC Adapter. U.L. listed. 273-1431 4.95



C

19⁹⁵

Pocket
Weatheradio



D

17⁹⁵

Weatheradio
Cube

C Pocket Weatherradio. RF amplifier for 50-mile range. Crystal-controlled. Easily fits shirt pocket or purse—just 4¹/₄ x 2³/₄ x 1". Carry strap, telescoping antenna. Requires 9V battery. 12-151 19.95

D Weatheradio Cube. Set the hidden controls once, then tap the Play Bar to hear weather stations up to 25 miles away. Telescoping antenna, on-top speaker. 3" cube with simulated rosewood finish and chromed edges. Requires 9V battery. 12-181 17.95

REMOTE CONTROL VHS VIDEO CASSETTE RECORDER

**NEW
FOR '84**



Remote Control Included

Nine-function wired remote control lets you pause, advance tape or rewind it, select play or record modes, and "search" with the cue/review feature—up to 16 feet away.

Only \$30 Per Month
On CitiLine Credit

499⁹⁵

- Three Speeds—Up to Eight Hours Of Recording and Playback
- 105-Channel Cable-Ready Tuner With 12 Pushbutton Presets

Realistic Model 10. Deluxe features and the convenience of remote control—at the price of a "basic" video recorder! Provides up to eight hours of recording time with a T-160 cassette. Speed selection is automatic in playback mode. The electronic tuner allows you to preset twelve VHF, UHF or cable channels for instant selection with soft-touch buttons. Easy-to-program electronic timer lets you record a program within an eight-day period, or at the same time every day, automatically. Also features automatic rewind at end of tape (except in timer recording mode), extra-large display for clock/timer/counter and lighted channel indicators. The four-digit tape counter with memory function and the cue/review high-speed search feature help you find specific segments on your tapes. Built-in moisture protection, jacks for audio/video input and pause for use with cameras. RF, video and audio outputs. 5 1/4 x 18 7/8 x 13 1/2". U.L. listed. **16-501 499.95**



13" Color TV With Remote Control And Soft-Touch Memory Tuning

399⁹⁵

Only \$28 Per Month
On CitiLine Credit

Wireless Remote Control Lets You Change Or Scan Channels, Adjust or Mute Sound, Turn Set On or Off—Up to 17 Feet Away!



Diagonally measured.
Simulated reception.

Radio Shack TC-130. Feature packed! You get a one-button automatic color system plus an advanced picture tube with inline gun and slotted mask for outstanding clarity. The electronic tuner makes it easy to preset any 12 channels for one-touch selection from the set or remote. You can also scan the preset channels and stop at the desired program with the remote. Up/down volume pushbuttons on set and remote. With "stick-on" channel labels for remote control. 300 and 75-ohm connectors for external antenna or cable. 12 3/4 x 18 x 16". U.L. listed. Remote requires two "AA" batteries.

16-230 399.95

REALISTIC PORTAVISION®—BEST VALUES IN SIGHT

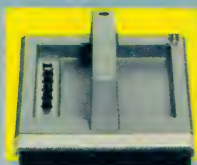
**Compact 5" Color
TV/Video Monitor**

349⁹⁵

Only \$28 Per Month
On CitiLine Credit

**NEW
FOR '84**

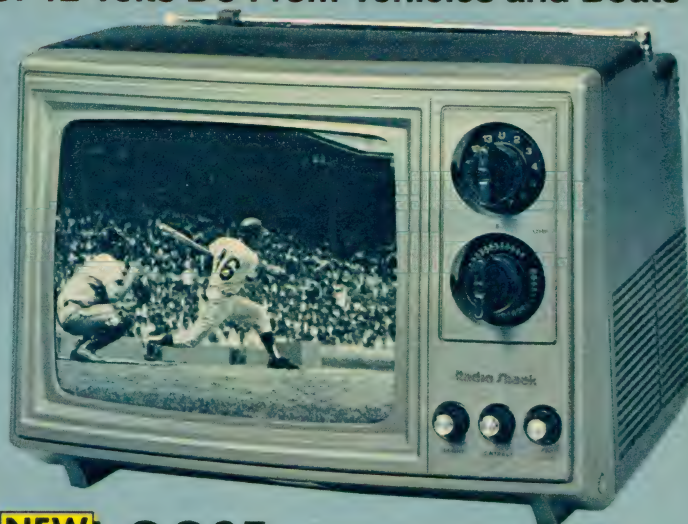
**Top-Mounted
Controls**



Diagonally measured. Simulated reception.

Versatile! This high-performance set will also work as a monitor for a computer or portable VCR. The U.L. listed AC adapter detaches to save weight. Phono jacks for video and audio in/out. Electronic tuner, automatic color system. Telescoping antenna and 75/300-ohm external antenna terminals. With earphone. Portable use requires ten "D" cells (not incl.) or 12VDC. 7¹/₂ × 6¹/₈ × 11". **16-106** **349.95**

**9" Black-and-White Operates on AC
Or 12 Volts DC From Vehicles and Boats**



**NEW
FOR '84**

99⁹⁵

Diagonally measured. Simulated reception.

DC Power Cord Included

Excellent for kitchen or bedroom. The built-in 12VDC power supply and cord make it perfect for vans and vacations, too. Has rotary tuning with UHF channel detents. Only 11 pounds, and a handle is built into cabinet for easy carrying. Telescoping antenna and terminals for external 75/300-ohm antenna. With earphone. 8⁷/₈ × 10¹/₄ × 12¹/₈". U.L. listed AC operation or 12VDC. **16-240** **99.95**

New Low Prices on PortaVision Black-and-White TV

**Three-Way Power! All Play on AC, Batteries or 12VDC From
Vehicles. Earphones Included for Private Listening**

A

B

C

D

Diagonally measured. Simulated reception.

A 5" TV With AM/FM Radio and Cassette Recorder. Complete entertainment system to go! Records from built-in electret mike, or directly from radio or TV as you listen. Cassette features tape counter, pause control, Auto-Stop at end of tape, jacks for remote control mike and aux input. TV has sun shade for outdoor viewing, electronic tuner, separate radio/TV tuning, tone control. Telescoping AM/FM antenna, terminals for external 300-ohm antennas. 4³/₄ × 15¹/₂ × 10³/₈". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter. Was \$199.95 in 1983 Catalog. **16-104** **189.95**

B 5" TV With AM/FM Radio. Delivers bright, sharp pictures and AFC prevents drift when you listen to FM. Only 6¹/₂ pounds. Has built-in sun shade, reliable electronic TV tuner and separate radio/TV tuning. Telescoping FM/UHF/VHF antenna, terminals for external 300-ohm antennas. 7 × 5⁷/₈ × 10". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter. Was \$169.95 in 1983 Catalog. **16-100** **159.95**

C 2" TV With AM/FM Radio. Despite its small size, this 2¹/₂-pound marvel gives you a remarkably clear, detailed picture! Slide-on sun hood/magnifying lens, large dial, electronic TV tuner, separate radio/TV tuning. Built-in antenna, terminals for external 300-ohm antennas. With U.L. listed AC adapter, cases for TV and sun hood/lens. 2¹/₈ × 6 × 8". Requires six "AA" batteries or optional DC adapter. Was \$199.95 in 1983 Catalog. **16-103** **179.95**

D 5" TV. Quality you can see, at a bargain price. Only 5¹/₂ pounds, yet has built-in sun shade, large slide-rule dial, electronic tuner. Telescoping VHF/UHF antenna, terminals for 300-ohm external antennas. 4¹/₂ × 8 × 10¹/₂". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. Was \$139.95 in 1983 Catalog. **16-102** **129.95**

Sets on This Page Will Play on 12VDC Neg. Ground Vehicle Power. Use Adapter #270-1534 for all Except #16-240 and #16-103.
For Mobile Use, See Antennas #15-1610/1613 on Page 115. Weights Exclude Batteries

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STEREO EQUIPMENT

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Antennas, TV/FM	10%	15%	20%	25%
Audio Components (Receivers, Amplifiers, Tuners, Changers, Speakers, Headphones, Frequency Equalizers)	10%	15%	20%	25%
Audio Accessories	—	15%	25%	33%
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CB Antennas, Accessories	—	10%	15%	20%
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Model 4 Disk Computer, Model 12 and 16 Computers	5%	10%	(See Store Manager for Quantities Over 20)	
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Intercoms	10%	15%	20%	25%
Kits (Science Fair and Archerkit)	5%	10%	15%	20%
Microphones	10%	15%	20%	25%
PA Equipment (Electronic)	10%	15%	20%	25%
Phonos (Portables, Compacts)	5%	10%	15%	20%
Radios (Clocks, Portable, Stereo, Novelty)	7%	12%	17%	20%
Radio-Controlled Toys	5%	10%	12%	20%
Pre-Recorded Tapes	10%	15%	20%	33%
Scanners, Communication Receivers	10%	15%	20%	25%
Security Devices	7%	12%	20%	25%
Speakers (Unmounted)	10%	15%	20%	25%
Tape Recorders and Players	7%	12%	17%	20%
Tape, Recording (Audio)	(See Pages 44-45)			
Tape, Recording (Video)	(See Page 48, No Additional Discounts)			
Tape Accessories	—	10%	20%	25%
Telephones (Dialers, Answerers, Amps)	7%	12%	17%	25%
Telephone Accessories	—	10%	25%	33%
Television, Video Cassette Recorder	5%	7%	10%	15%
TV/Video Accessories	—	10%	20%	25%
Test Equipment	10%	15%	20%	25%
Timers, Electrical Accessories, Clocks, Watches, Treasure Finders	5%	7%	10%	20%
Tools and Hardware	5%	7%	10%	20%
Tubes	10%	15%	25%	33%

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**NEW
FOR '84**

Pushbutton
"Pulse" or "Tone"

29⁹⁵

Wall Bracket

2⁹⁹

Hangs Up on Any Flat Surface or on Matching Wall Bracket

ET-120 "Pulse": Features one-button Auto-Redial of last number called, electronic ringer with high/low/off switch, mute button for privacy. With 16-ft. cord, modular plug.

White, 43-501. Brown, 43-502 29.95

ET-120 "Tone": For use with low-rate long-distance and bank-by-phone services. As above, but no Auto-Redial or mute.

White, 43-503. Brown, 43-504 29.95

Matching Wall Bracket. Can be mounted over standard modular wall jack. **White, 43-186. Brown, 43-187 2.99**

**NEW
FOR '84**

39⁹⁵

Base Fits Over Any Standard Modular Jack for Fast and Easy Wall Mounting

Slim-Fone ET-270 "Pulse": Simple to install—save even more! Auto-Redial automatically redials the last number called. Electronic ringer with high/low/off switch, mute button for privacy. 14-ft. cord, modular plugs. **White, 43-514. Brown, 43-515 39.95**

Slim-Fone ET-270 "Tone": Fast tone-dialing to access low-rate long-distance and bank-by-phone services. As above, but no Auto-Redial or mute.

White, 43-516.

Brown, 43-517 39.95



Low-Priced, Ready-to-Use Phones for Extensions or Replacement

Desktop Rotary Dial For Home or Office

39⁹⁵



Same style and reliability as phone company models. Plugs into any modular jack. Bell volume control. With 7-ft. base cord.

Beige, 43-302.

White, 43-301 39.95

Mini Wall Rotary Phone "Colors" Your Home in Style

Fits Over Standard Modular Jack for Easy Wall Mounting

59⁹⁵

The perfect extension for kitchen, laundry, family room, any room! Rugged, reliable modular mini phone is ready to plug in and use! With modular coiled handset cord.

Brown, 43-304. Almond, 43-303 59.95



Standard Desk Tone-Fone™

**NEW
FOR '84**

69⁹⁵ Pushbutton Convenience

Ideal for bedroom, workshop, office. Coiled modular handset cord stretches up to four ft., detaches to add longer cords. Includes 7-ft. base cord with modular plugs. **Beige, 43-341.**

White, 43-339 69.95



Mini Wall Tone-Fone Gives You Pushbutton Calling Convenience

Fast Tone-Dialing Lets You Access Low-Rate Long-Distance and Bank-By-Phone Services

69⁹⁵

Replace your old phone with this new wall phone for touch-dialing convenience! Makes a great extension, too. Fits over standard modular wall jack. With coiled handset cord, modular plug.

Almond, 43-307. Brown, 43-308 69.95



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Dress Up Your Wall With an Elegant
White Trim-Fone®



**NEW
FOR '84**

59⁹⁵

Pushbutton
"Pulse" or "Tone"

- Makes the Perfect Extension, or Replace Your Old Wall Phone
- Ready to Plug In

Trim-Fone. Contoured to fit comfortably in your hand. Handy "hang up" button for making calls without returning handset to base.

Trim-Fone "Pulse": Enjoy pushbutton dialing convenience! With Auto-Redial.

43-355 59.95

Trim-Fone "Tone": Fast tone-dialing for accessing low-rate long-distance and bank-by-phone services.

43-356 59.95

Slender Trim-Fone Accents
Any Home or Office Decor

- Easy to Install—Plugs Into Standard Modular Phone Jack
- Detachable Coiled Handset Cord

59⁹⁵

Pushbutton
"Pulse" or "Tone"

Fashionable Trim-Fone adds style to any desk or table. "Hang up" button lets you place a series of calls without returning handset to base. Curved handset is shaped to rest naturally in your palm.

Trim-Fone "Pulse": Universal Dial System lets you enjoy pushbutton dialing convenience, even on rotary lines. One-button Auto-Redial of last number called.

White, 43-351.

Brown, 43-352 59.95

Trim-Fone "Tone": Tone-dialing for accessing low-rate long-distance and bank-by-phone services. Was \$64.95 in 1983 Catalog.

White, 43-353.

Brown, 43-354 59.95



Give Your Home the European Flair of a Continental Fashion-Fone®



A 59⁹⁵

B 69⁹⁵

C 49⁹⁵

D 69⁹⁵

E 79⁹⁵

F 59⁹⁵

Save Money Without Sacrificing Style!
Do-It-Yourself Installation Saves Even More, Too

French-Style. All the elegance and charm of Paris' "Left Bank" at a "down-home" price! Combines classic design with quality components for years of reliable service. Features a "Continental-style" buzzer and ornamental handset. With 7-ft. base cord, modular plug.

A White, Gold-Color Trim. 43-326 59.95

B Golden Color, Ivory-Color Trim. 43-325 69.95

C "Cutie": Extra petite, extra pretty. Ivory colored and accented with golden trim. Coiled handset cord, 7-ft. base cord, modular plug. 43-324 49.95

D French Continental. Beautiful golden hue and ivory-colored base add to the "Old World" charm of this antique style phone. With 7-ft. base cord, modular plug. 43-320 69.95

E Imperial Classique. The phone fit for royalty at a price that fits your budget! Exquisitely detailed scrollwork adorns the antiqued brass base and handset of this classic design. Extended dial for easier use. With coiled handset cord, 7-ft. base cord, modular plug.

43-323 79.95

F "Bonnie 'n Clyde": Enjoy a touch of nostalgia with every call! Roaring '20s classic styling looks just like the original. Slim candlestick design fits comfortably in your hand, and the lightweight molded body makes it easy to hold while you talk. Features an adjustable mouthpiece and raised rotary dial. Attractive black finish with gold trim. With black handset cord, 7-ft. base cord and modular plug.

43-321 59.95

DISCOVER OUR CONVENIENT AUTOMATIC DIALERS

Slim-Fone® With 10-Number Memory

Pulse Dialing

69⁹⁵

**NEW
FOR '84**

Tone Dialing

79⁹⁵

- Auto-Dialing of Last Number Entered Or Any of Ten Other Phone Numbers
- Memory Protection Circuit



Radio Shack ET-280 "Pulse": This compact, lightweight phone saves you time by dialing often-called or emergency numbers with just the touch of two buttons. Each number can have up to 16 digits. Pleasant-sounding electronic ringer. Pulse dialing allows pushbutton operation even on rotary-dial lines. Base holds card to index numbers stored in memory. Coiled, detachable handset cord. **White, 43-520. Brown, 43-521 69.95**

Radio Shack ET-280 "Tone": As above, but with tone dialing instead of pulse. Tone dialing allows access to low-rate long distance, bank-by-phone, business computer and similar services. **White, 43-522. Brown, 43-523 79.95**

Tone Telephone Auto-Dialer System

**NEW
FOR '84**

119⁹⁵

Phone not included



- Stores and Auto-Dials Up to 93 Numbers
- Ideal for Low-Rate Long-Distance Services
- Controlled Directly From Any "Tone" Telephone

DUOFONE®-93T. A breakthrough! Remembers and dials any number up to 32 digits long. Just dial a name or initials you've assigned to a number (2 to 6 letters) and the 93T does the rest. Repeatedly redials busy numbers for up to two hours, and unanswered numbers every ten minutes for up to ten hours, then signals you when your call gets through. Plugs into modular jack. (Not for rotary-dial lines.) **43-297 119.95**

One-Piece 10-Number Dialer-Fone

34⁹⁵

- One-Button Auto-Redial
- Electronic Ringer With Adjustable Volume
- "Hangs Up" on Any Flat Surface

Radio Shack ET-130. Use the handset keys to enter up to ten phone numbers of up to 18 digits each into memory. The stored numbers may be dialed by pressing only two buttons; you will save time and have fewer numbers to remember. Ringer has high/low/off switch. Use label on back of phone to list numbers in memory. Pulse dialing allows use on either tone or rotary-dial lines. **White, 43-507. Brown, 43-508 34.95**
Wall Mounting Bracket. White, 43-186. Brown, 43-187 2.99

**NEW
FOR '84**



32-Number Auto-Dialer

99⁹⁵

Switchable
Tone or
Pulse Dialing

DUOFONE-232. Make calls instantly, even has convenient "on-hook" dialing. Multi-function LED display. With U.L. listed AC adapter. For single-line phones. Requires 9V battery for memory backup. $2\frac{5}{8} \times 6\frac{1}{4} \times 6"$. **43-282 99.95**



16-Number Auto-Dialer

49⁹⁵

Fast, One-Button
Dialing on Tone or
Rotary-Dial Lines

DUOFONE-100. Stores 16 numbers of up to 15 digits each. LED memory/dialing indicator. U.L. listed AC operation. Adapter included. Requires two "AA" batteries for memory backup. $2\frac{1}{4} \times 4\frac{1}{2} \times 5\frac{3}{16}"$. **43-279 49.95**

Pocket Tone Dialer With Memory

- Stores Up to 32 Numbers
- Last-Number Auto-Redial

59⁹⁵

**NEW
FOR '84**

Portable "phone book" makes dialing fast and easy—take important numbers anywhere. Access services requiring tone entry from any phone. 28-digit number capacity. Low-battery indicator. With batteries. $4\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{3}{16}"$. **43-140 59.95**



IN HOME OR OFFICE, RADIO SHACK HELPS YOU TALK

Telephone With Auto-Dialer/Amplifier

- Switchable Tone or Pulse Dialing
- "Hands-Free" Two-Way Amplifier
- Auto-Dialer With 32-Number Memory

139⁹⁵

DUÖFONE-160. Amazing "all-in-one" phone stores up to 32 frequently called numbers for instant one-button dialing. Each of the 32 memory positions has a 28-digit capacity—you can even make overseas calls with the touch of just one key! Allows users with rotary-dial lines to access services requiring tone dialing, such as low-rate long distance and catalog ordering. Built-in two-way amplifier and on-hook dialing for hands-free "family" and conference calls. Amplifier has pushbutton on/off, high/low sensitivity, privacy "mute" and volume controls. Modular connectors let you add a longer cord to handset, if desired. 3¹¹/₁₆ x 8⁵/₈ x 9¹³/₁₆". Requires four "AA" batteries for memory backup. With 6-ft. modular cord. Single-line use only. 43-293 139.95



Telephone With Built-In 32-Number Auto-Dialer

99⁹⁵

- Switchable Tone or Pulse Dialing
- Input-Error Alarm • Pause Key
- Battery-Protected Memory
- Use on Desk or Mount on Wall

DUÖFONE-140. This convenient combo makes a valuable addition to any home or business. Stores up to 32 phone numbers of up to 28 digits each—you get accurate, one-button dialing of often-called or emergency numbers. Switchable for tone or pulse dialing, it works with any phone system. Users on rotary-dial lines can access low-rate long distance and other services requiring tone dialing. As you dial, a tone confirms each entry. If you dial incorrectly, a 3-tone signal alerts you. Pause key works with phone systems requiring an access code for the outside line. Pause can be entered manually or stored as a part of numbers in memory. You also get Auto-Redial of the last number manually entered if it was busy or unanswered. Requires four "AA" batteries for memory backup. 3¹/₂ x 5¹/₂ x 10". With 6-ft. modular cord, ready to plug in and use. Single-line use only. 43-294 99.95



Our Finest Telephone Amplifier

49⁹⁵

Integrated Circuitry for Top Performance

DUÖFONE-101. Talk while you cook or move around—without a handset! Automatic talk/listen switching and sensitivity lets several people join in "family" or conference calls. Mute button for listening only. Slide-action volume control. Phone line powered—no batteries required. Works on multi-line systems. 1¹¹/₁₆ x 6¹¹/₁₆ x 7". With 6-ft. cord, modular plug. 43-277 49.95

Compact, Budget-Priced Amplifier

29⁹⁵

Phone Line Powered—No Batteries Required



Enjoy hands-free conversations, family and conference calls at a bargain price. Easy to operate—just plug into modular jack and you're all set. Rotary volume control, privacy and sensitivity pushbuttons. 3⁵/₈ x 6 x 4¹/₈". With 5-ft. cord, modular plug. 43-278 29.95

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Doubles as Wireless
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Phone Into Base Unit

Was \$199.95 in 1983 Catalog

- Automatic Memory Dialing of Two Phone Numbers of Up to Ten Digits Each
- One-Button Auto-Redial of Last Number Called
- Programmable Security Code Prevents Nearby Cordless Phones from Dialing On Your Line

Up to
**500-Foot
Range**

Radio Shack ET-330. Thanks to a built-in microprocessor, this phone can do much more than conventional telephones! You can make and take calls up to 500 feet from the base unit—just answer and hang up from the handset. An audible tone indicates when you're nearing the range limit of the handset. There's even a privacy button—no need to cover the mouthpiece. Universal Dial System for pushbutton convenience even on rotary-dial lines. Handset has built-in nickel-cadmium batteries that recharge automatically when handset is in the base unit. Low-battery LED indicator. Connects to modular phone jack. Extra Handsets available on Special Order. Base, 3 x 6 x 9". Handset, 1 3/4 x 2 1/2 x 8 1/2". U.L. listed. 43-267 179.95

Extra Recharger. U.L. listed. 273-1455 6.95

Cordless!
Talk From Any
Room or Even
Outdoors!

Nightstand Cordless Electronic Telephone With Full-Feature AM/FM Digital Clock Radio

**NEW
FOR '84**

149⁹⁵

Available Nov. 15, 1983

Up to 100-Foot Range

- Compact Size is Perfect for Bedside or Desk Placement
- Phone has Auto-Redial of Last Number Entered
- Mute Button • On/Off Switch
- Large 0.6" LED Clock Display
- Hi/Lo Dimmer Switch
- Battery Backup/Battery Sentinel™

Chronofone™ ET-380. The perfect addition to your bedside! You get an extra-convenient cordless telephone with all the controls in the handset, plus an AM/FM clock radio as the decorative base unit. Phone features Talk/Standby switch that works like a hookswitch for answering and hanging up remotely, LED low-battery indicator and built-in nickel-cadmium batteries that are recharged when handset is in the base unit. Universal Dial System for pushbutton convenience even on rotary-dial lines. Clock has top-mounted time/alarm-set controls, p.m. and Wake indicators and Battery Sentinel to tell you if battery is weak or not installed. You can wake to music or alarm and there's a snooze button for a few extra minutes of sleep. LED battery charge indicator, head-phone jack and quick-connecting modular phone plug. Simulated woodgrain. Base, 3 1/4 x 10 1/2 x 7 7/8". Handset, 1 1/2 x 2 1/4 x 8". Requires 9V battery for backup. U.L. listed. 43-274 149.95

NOTE: Phones on these two pages may be incompatible with certain hearing aids. Not for coin, party-line or multi-line use. All are FCC registered and include a standard modular plug. Just plug in, and talk.

CORDLESS-HANDSET PHONE FOR WALK-AND-TALK CONVENIENCE

- Adapts to Standard Telephone Plate for Wall Mounting
- LED Recharging Indicator

ONE OF OVER 350 NEW LOW PRICES

79⁹⁵

Was \$99.95 in 1983 Catalog

Radio Shack ET-350. A complete answer-and-dial telephone with a handy cordless handset that won't tie you down and "full duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset. To call, just dial from the pushbutton base unit. There's Auto-Redial for one-button dialing of the last number called, and Universal Dial System for pushbutton convenience even on rotary lines. Plus a Privacy button and a pleasant tone that replaces the harsh-sounding bell. Has built-in nickel-cadmium batteries and automatic charger with LED "on" indicator. May be used on desk or wall. Base, 3 1/2 x 3 1/2 x 9". Handset, 2 1/2 x 2 1/4 x 7 1/4". U.L. listed. 43-266 **79.95**



Up to 100-Foot Range

Our Lowest Price for a Cordless Telephone That Lets You Dial and Hang Up From the Handset

ONE OF OVER 350 NEW LOW PRICES

119⁹⁵

Up to 100-Foot Range—Use It Indoors or Out

Was \$139.95 in 1983 Catalog

- Take and Make Calls Virtually Anywhere—Home or Office—Free from the Restrictions of a Trailing, Tangling Cord
- Auto-Redial of Last Number Entered if Busy or No Answer
- Privacy Button—No Need to Cover Mouthpiece With Your Hand

Radio Shack ET-320. A convenient, stylish addition to any home or business. The pushbuttons are in the portable handset, so you can call, answer, hang up and redial anywhere—up to 100 feet from the base. And there's no monthly phone rental fee, so it saves you money. Universal Dial System for pushbutton convenience even on rotary-dial lines. Ready to use—quick and easy connection with modular phone plug and AC cord. Built-in antenna. Handset has built-in rechargeable nickel-cadmium batteries with recharger in the base. Features low-battery, talk and recharging LED indicators. Base, 3 x 3 x 9 1/2". Handset, 2 x 2 1/4 x 8 1/4". U.L. listed. 43-268 **119.95**

Answer-Only Phone Gives More Range for Less Money

NEW FOR '84

119⁹⁵

- Slim-Line Receiver Has Attachable Belt-Clip
- Answer Incoming Calls While Working or Relaxing, Indoors or Outside

DU6FONE® ET-340. Now you can take calls almost anywhere—in any room, garage, patio—even in a neighbor's yard. Audible tone from remote signals incoming calls—just use the Talk/Standby switch—Talk for answering, Standby for hanging up. Handset includes power on/off switch, volume hi/lo switch, LED low-battery indicator and rechargeable batteries. Telescoping antenna for optimum range. Base unit has Call Button for using as a paging device, power-on indicator and built-in battery recharger. With modular cord. Extra Handsets available on Special Order. Base, 2 1/2 x 5 3/8 x 9 1/2". Handset, 7 1/4 x 2 3/8 x 1 7/8". U.L. listed. 43-272 **119.95**
Extra Recharger. U.L. listed. 273-1454 **5.95**

Up to 700-Foot Range

NO MORE MISSED CALLS—TELEPHONE ANSWERERS

Voice-Activated Dual-Cassette Telephone Answerer With Remote Control

179⁹⁵

- Remote Control Lets You Hear Your Messages From Any Phone
- Can Also Be Used to Record Both Sides Of Telephone Conversations

DUōFONE® TAD-114. Records up to 120 incoming messages or delivers announcements only. Hangs up when caller is finished or when switchable 30-second or 3-minute time limit is reached—saves on tape. Dual-cassette operation makes it easy to store and replace message and announcement tapes. Audible review allows quick, easy back-up to desired selection. Lets you erase old messages while rewinding. Ring delay lets you set number of rings before answering. Call-Monitor lets you screen calls. With built-in mike, single-control operation, fast-forward, tape counter, LED function indicators. Includes both announcement and message cassette. Answerer, 2³/₄ × 9³/₄ × 7¹/₄". Remote, 3¹/₄ × 2¹/₄ × 1". Remote requires 9V battery. U.L. listed AC operation. **43-314 179.95**

Dual-Cassette Remote Control Answerer

159⁹⁵

- Remote Control Lets You Call From Any Telephone to Review Messages

DUōFONE TAD-112A. Takes up to 120 calls, or delivers outgoing messages only. Voice-activated circuitry and switchable incoming message length saves on tape. Lets you erase old messages while rewinding. Call-Monitor lets you screen incoming calls. Built-in mike, single-control operation, fast-forward, LED function indicators. Selectable ring delay. Answerer, 2³/₄ × 9³/₄ × 7¹/₄". Remote, 3¹/₄ × 2¹/₄ × 1". Remote requires 9V battery. U.L. listed. **43-247A 159.95**

Value-Priced Dual-Cassette Answerer

119⁹⁵

- Voice-Activated Circuitry and Switchable Message Length Saves Tape

DUōFONE TAD-111A. Records up to 120 incoming messages, or set for "announcement only". Lets you erase old messages while rewinding. Ring delay lets you set number of rings before answering. Call-Monitor lets you screen incoming calls. Built-in mike, full-capacity shutoff, single-knob function selector, fast-forward, LED function indicators. 2³/₄ × 9³/₄ × 7¹/₄". U.L. listed AC operation. **43-246A 119.95**



Our Lowest Priced Dual-Cassette Answerer

NEW FOR '84 89⁹⁵

Available Oct. 15, 1983

Records Up to 120 Incoming Messages

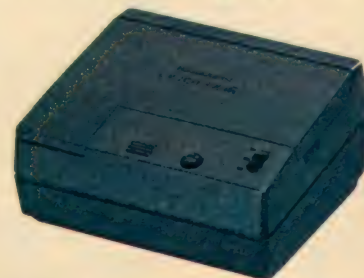


DUōFONE TAD-210. A low-cost way to keep up with important calls! Single-knob function control. Fast-forward lets you scan tape. Call-Monitor. "Announcement Only" setting delivers your recorded announcements without taking messages. Ringer Adjust sets number of rings before answering. LED indicators. 2⁷/₈ × 8³/₈ × 8⁵/₈". U.L. listed AC operation. **43-309 89.95**

Announce-Only Phone Answering System

49⁹⁵

Greets Callers With Your Own Personalized Message



DUōFONE TAD-100. An inexpensive 24-hour way to answer callers with your own pre-recorded messages. Does not record calls. The perfect thing for businesses, church groups and other organizations where an announcement is all that you require. 3¹/₄ × 5³/₄ × 5¹/₄". U.L. listed AC operation. **43-244 49.95**

FEATURE-PACKED ANSWERERS FOR HOME OR OFFICE

Breakthrough! Telephone Answerer With Voice-Operated Remote Call-In Feature

**NEW
FOR '84**

239⁹⁵

Only \$25 Per Month
On CitiLine Credit

Available Nov. 30, 1983

- Remote Control is Operated From Any Phone by Your Own Voice—Nothing to Carry
- "Security Code" Allows Only You to Use Remote Control
- Allows Recording of Two-Way Conversations

DU6FONE TAD-215. Sophisticated, yet simple to use! Get all the advantages of remote control without having to carry a remote control unit. Built-in voice synthesization lets the answerer communicate with you directly. Just dial your number from any phone—then verbally identify a 2-digit code number that prevents unauthorized access to your answerer. The answerer will then ask you a series of questions—"Play back new messages?"; "Play back all messages?"—and many more. You respond by saying "Yes" or remaining silent. You can play and repeat messages or change your announcement. LED digital display indicates number of incoming messages, function in progress. Features dual-cassette operation, "Announcement Only" setting, Call-Monitor for screening calls. Adjustable selector sets number of rings before answering. Soft-touch button operation. 3 1/8 x 10 x 10 1/4" U.L. listed AC operation. 43-319 239.95



Our Best! Computer-Controlled Telephone Answerer

The Ultimate in Telephone Answering Systems!

Full-Function Digital
Remote Control

299⁹⁵

Only \$27 Per Month
On CitiLine Credit

- Fluorescent Display Shows the Message Number, Plus The Date and Time Each Message Was Received
- Four-Digit "Security Code" Allows Only You To Use Remote Control With Answerer
- Voice-Activated Operation Saves on Tape
- Also Doubles as a Recorder and Dictation Machine

DU6FONE® TAD-150. Features dual-cassette operation with dual outgoing messages. Voice-actuated—records callers up to five minutes, without gaps. Cue feature lets you locate messages for convenient playback. Digital remote control duplicates most functions, and allows you to call from any telephone and hear your messages or record new announcement. Built-in digital clock, "feather-touch" controls, LED indicators, instant or delayed answer, and built-in electret mike. Answerer, 4 1/4 x 12 x 9 1/4". Remote, 6 x 2 1/4 x 3/4". Memory protection requires 9V battery. Remote requires four "AAA" alkaline batteries. U.L. listed AC operation. 43-248 299.95



Extra Announcement and Message Cassettes

Type	Recording Time	Cat. No.	Each
Announcement	10 Seconds	43-405	5.95
Announcement	15 Seconds	43-403	5.95
Announcement	20 Seconds	43-401	5.95
Announcement	30 Seconds	43-402	5.95
Announcement	45 Seconds	43-404	5.95
Announcement	60 Seconds	43-406	5.95
Message	60 Minutes	43-410	2.39
Message	90 Minutes	43-411	2.49

NOTE: All DU6FONE answerers include both an announcement and message cassette and are ready to plug into modular jacks—no wiring required.

USEFUL ACCESSORIES FOR YOUR PHONE SYSTEM

Pushbutton Multi-Line Console



69⁹⁵

**NEW
FOR '84**

- Select Any One Of Five Lines
- Place Calls On Hold
- LEDs Indicate Status
- Selectable Ringing

Increase the Versatility
Of Your Phone System

Works just like the buttons on a multi-line phone. Adds the convenience of switching to single-line phones or other single-line devices like answering machines, dialers, and amplifiers. Selectable ringing lets you ring only a specific line, ring all lines (if your system has the common ringing feature), or not ring at all. Compatible with most standard 6-button telephone systems that use Amphenol-type connectors. 2 1/2 x 4 1/2 x 6". FCC registered. 43-241 69.95

Two-Line Phone Controller With Hold



29⁹⁵

**NEW
FOR '84**

- Ideal for Homes With Business and Private or Adult and Children's Lines
- Put One Line on Hold While Answering the Other

Now you can use one single-line telephone, answerer, amplifier or other phone device with two separate lines. Ring and hold indicators. 3 1/2 x 2 x 3 1/4". FCC registered. 43-239 29.95

Multi-Line Controller for Modular Phones



39⁹⁵

Connects single-line equipment to standard multi-line phone systems. 5 x 2 1/2 x 2 3/4". FCC registered. 43-233 39.95



Handy Pocket Tone Dialer

24⁹⁵

Saves You Money

Allows you to access low-rate long-distance services and other systems requiring "tone" signals—from any phone. Use it for Ham radio "auto-patch", too. 4 x 2 3/8 x 1 1/8". With batteries. 43-138 24.95



Single-Line Phone Tap

14⁹⁵

Increase the Versatility of Your System

The low-cost way to add a single-line answerer or dialer to Line-1 of your standard business phone. Easy and quick installation. 43-271 14.95

Low-Cost Telephone Handset Amplifier

Boosts Caller's Voice

19⁹⁵

Phone not included

Attaches to most phones to boost caller's voice. Ideal for the hearing-impaired. Plug-in hookup to handset. 4 x 2 1/4 x 7/8". Requires 9V battery. 43-237 19.95



Budget-Priced Portable Phone Listener

9⁹⁵

No Wiring Required

Amplifies calls so others can listen. With suction cup pick-up, volume control. 2 x 3 x 4 3/4". Requires 9V battery. 43-231 9.95

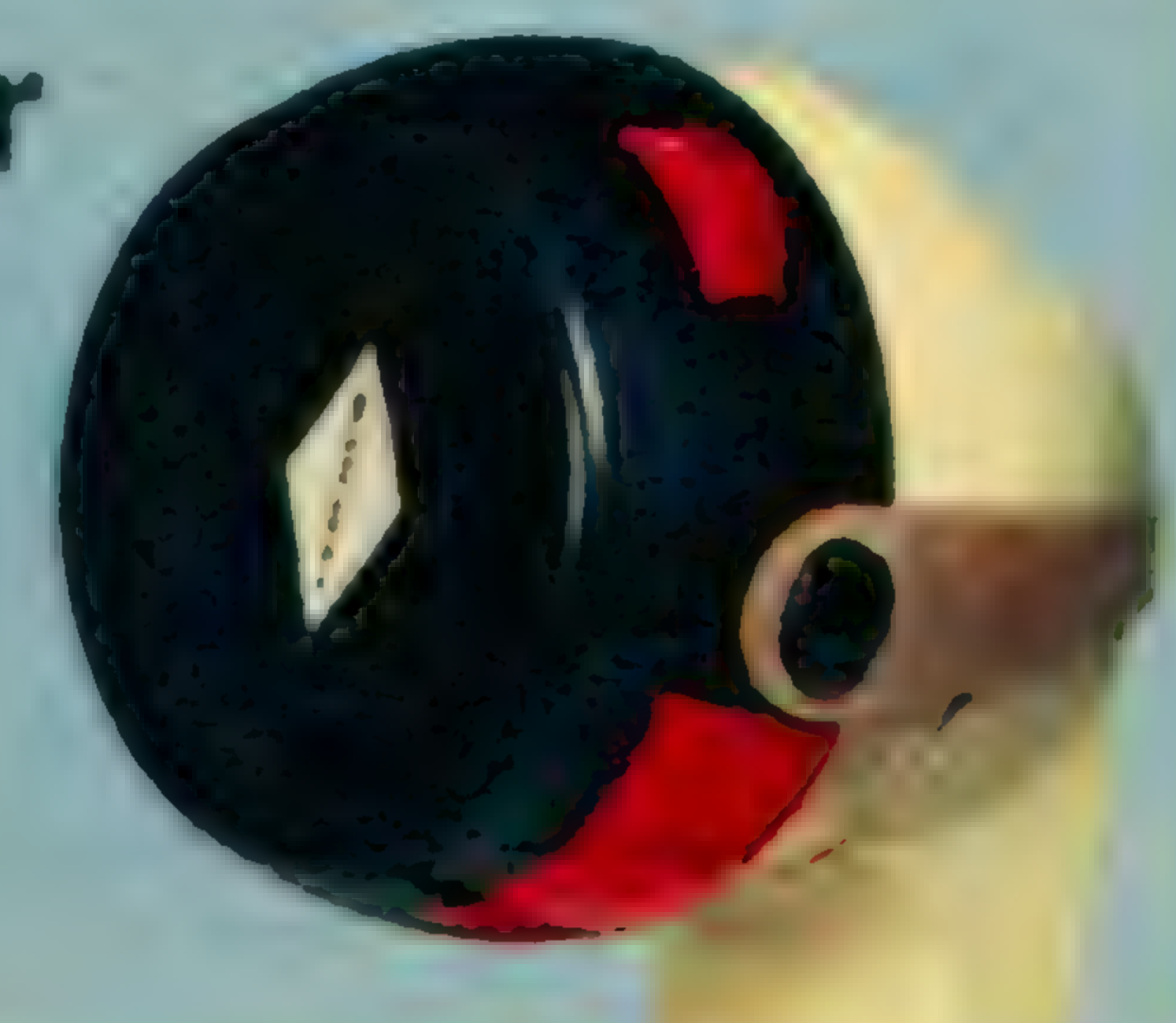


Snap-On Handset Amplifier

Attaches Easily
To Earpiece

11⁹⁵

Boosts caller's voice up to five times. Compact—goes anywhere. Volume control. With battery. 43-238 11.95



Low-Cost Multi-Line Adapter

**NEW
FOR '84**

4⁹⁵

Provides 1 and A1
Supervisor Activation

Controls key system indicator lights when using single-line phones or other devices with multi-line systems. 43-117 4.95



Multi-Line Items May Not Work With All Electronic Phone Systems. Telephones and Amplifiers May Not Be Compatible With Some Hearing Aids.

MAKE RADIO SHACK YOUR TELEPHONE COMPANY™

Pocket Pager for Personal or Business Use

NEW FOR '84 Only **99⁹⁵**

Plus Monthly Service Charge
From Local Paging Service

- Perfect for Every Family Member
- Stay in Touch at All Times
- Be Alerted to Important Messages Wherever You Are

When someone dials your exclusive pager telephone number, you are alerted through your beeper to call for a message. If unit is in silent mode, memory stores call until you check it.

Not available in all areas.
Check with your local Radio Shack store for details.



Multi-Extension Recording Control

24⁹⁵

Plugs Into Most
Cassette Recorders

Tape phone conversations from any extension to help keep track of your calls. 2 1/2 x 2 1/2 x 1 1/4". FCC registered. 43-236 24.95



Single-Phone Recording Control

19⁹⁵

Keep a Complete Record
Of Your Phone Calls

Plugs into remote mike jack of any portable cassette recorder. Starts and stops recorder automatically. Modular phone plug. 1 3/4 x 2 1/2 x 1 1/4". FCC registered.

43-228 19.95



Lightweight Telephone Headset Leaves Both Hands Free

69⁹⁵

- Take Calls While Writing or Typing
- Adjustable Volume For Complete Comfort And Convenience



Ideal for receptionists, busy executives, sales people or anyone else who needs both hands free when talking by phone. Amplifier box has adjustable volume control and attaches easily to most modular handset cords. Includes regular and small foam earpieces, adjustable mike boom and six foot cord with "clothes clip".

43-169 69.95

Telephone-Hold Module

29⁹⁵

One Module Works for All the
Extensions in Your Home or
Office, On the Same Line

Adds the "hold" feature to all your phones. To put a call on hold, just tap the switchhook twice and hang up. Gives you six minutes to pick up the call on any extension. 4 1/2 x 2 1/2 x 1 1/4". U.L. listed. 43-232 29.95



Pushbutton Lock



7⁹⁵

Fits Over
Desk Phone
Pushbuttons

Prevents unauthorized outgoing calls. With two keys.

43-116 7.95

Ringer Silencers



On/off switch controls ringer. Easy to attach.

A Phone Mount. 1" high.

43-125 6.95

B Remote. On 7-foot cord.

43-126 7.95

Automatic Phone Directories Save Time

Store Over
300 Numbers

6⁹⁵

C Portable. 5 1/8 x 3 3/4 x 1 1/8". Requires two "AA" batteries.

43-112 6.95

D Desktop. 4 5/8 x 5 3/4 x 7 3/8". Requires two "C" batteries.

43-105 24.95



24⁹⁵

Forward/
Reverse
Push Key
Operation

Telephone Rests

Rest-a-Phone.

Beige. 43-120 3.79

White. 43-121 3.79

Soft-Shoulder Rest. Beige. 43-122 4.99

Almond. 43-123 4.99

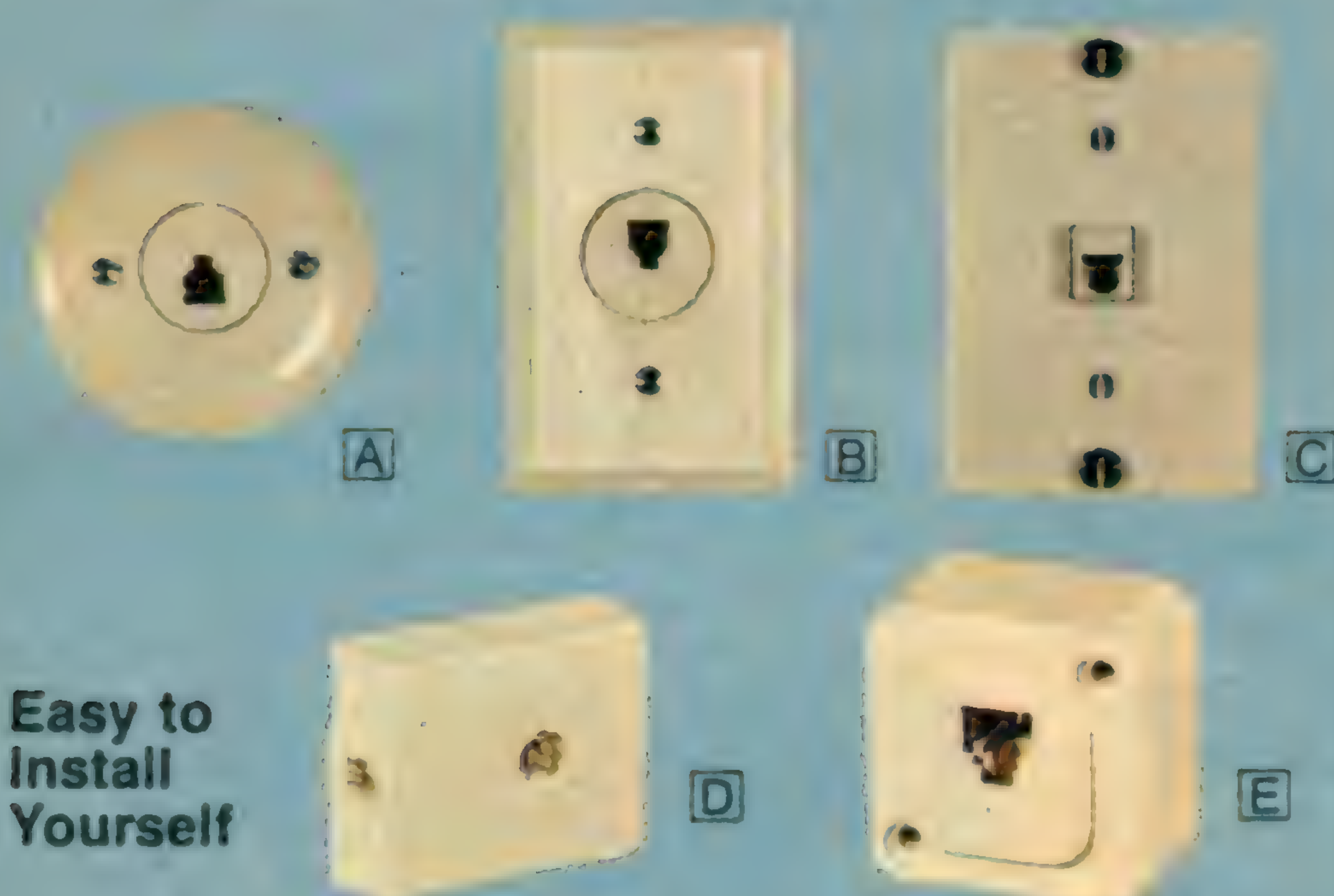
Stick-On Pen

Adhesive-mount back attaches to any smooth surface. 43-110 89¢



JACKS, PLUGS AND CORDS FOR PHONE FLEXIBILITY

Wall Plates and Jacks



Easy to
Install
Yourself

Wall Plates. Flush mount a jack in any standard outlet for desk phones. With hardware.

- A Round.** 279-392 5.95
- B Rectangular.** 279-352 4.95
- C Wall Phone Plate.** Standard plate for use with modular wall telephones. 279-387 6.95
- D Quick-Connect Jack.** Convert wall block for modular plug. Spade terminals. 279-355 2.19
- Modular Jack.** As above, with clips. 279-386 2.99
- E Surface-Mount Jack.** 279-353 4.95

Accessories for Versatility



- F Quick-Plug.** Convert older phones for use in modular phone jacks. Accepts spade lugs or bare leads. 279-375 2.49
- G Duplex Jack.** Couples two phones, phone and amplifier, or phone and answerer from one jack. 279-357 4.95
- H Inline Coupler.** Extend your phone system by interconnecting two modular line cords. 279-358 2.95
- J Cord Adapter.** Converts modular phone plug to 4-prong plug. Allows you to connect a modular phone to a 4-prong jack. 279-351 3.95
- K Plug Adapter.** Converts 4-prong plug to modular plug for use with newer installations. 279-393 3.95

Modular Extension Cords



- L 18-ft. Coiled Modular-to-Modular Line Cords.** Satin, 279-395. White, 279-396. Brown, 279-397 5.95
- L 18-ft. Coiled Modular Handset Cord.** Satin, 279-361. White, 279-381. Brown, 279-378. Almond, 279-380 5.95
- M 12-ft. Modular-to-Modular Line Cord.** 279-374 4.95
- 25-ft.** 279-356 5.95
- M 5 1/4" Modular-to-Modular Adapter Cord.** 279-390 1.19
- N 25-ft. Extension/Converter Cord.** Modular-to-spade lugs. 279-364 5.95
- N 12" Modular-to-Spade Line Cord.** 279-391 ... 1.29

Dual-Jack Extension Cords

Modular plug at one end, dual jacks at other.

- 12-Ft.** 279-373 6.95
- 25-Ft.** 279-363 7.95



Modular Duplex Wall Phone Adapter



NEW
FOR '84

995

Lets you install your wall phone and accessory equipment. With hardware, instructions. 279-359 9.95

Telephone Wiring Block



Install
Your Own
Wiring

795

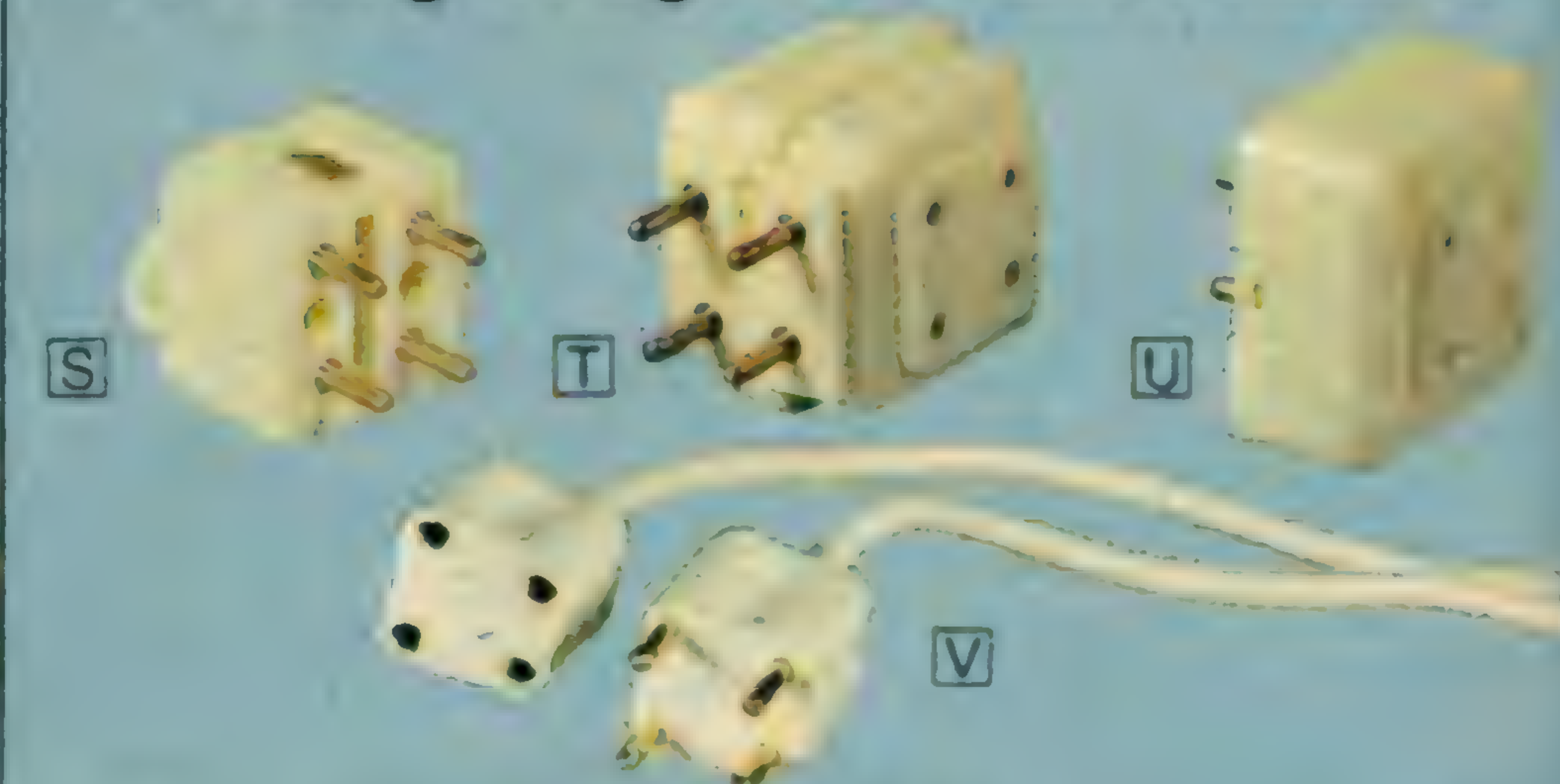
Color-coded for easy hookup. Provides distribution or connecting point with two screw terminals for each of the four conductors. 279-394 7.95

Jacks and Terminal Blocks



- P Quick-Connect Jack.** Converts standard 42A phone terminal block to 4-prong jack. Spring contacts. Fastens over terminal block in place of cover. 279-368 2.19
- 4-Prong/Modular Jack.** 279-360 6.95
- Q 42A Connector Block.** Standard telephone terminal block with screw terminals for spade lugs. 279-389 2.19
- R 4-Prong Jack.** Accepts standard 4-prong plug. With mounting hardware. 279-367 1.19
- Wall Plate 4-Prong Jack.** 279-1507 2.59

4-Prong Plugs and Extensions



- S Plug.** Fits standard jack. 279-366 99c
- T Dual Jack-in-a-Plug.** Provides two jacks with a single plug. 279-370 2.29
- U Jack-in-a-Plug.** Permits two "piggyback" connections to one jack. 279-369 1.89
- V Extension Cords.** Four-conductor with jack and plug. 15-Foot. 279-1260 2.29
- 30-Foot.** 279-1261 3.99

Modular Crimping Tool



795

249

W

X

- W Crimping Tool.** Makes it easy to install modular plugs on 4-conductor modular cable. For line cord only. 279-388 ... 7.95
- X Modular Line Cord Connectors.** Use with tool, above. 279-384 ... Pkg. 10/2.49

4-Conductor Phone Cables



- 50-Ft. Modular.** 278-365 5.49
- 100-Ft. Modular.** 278-366 10.98
- 50-Ft. 24GA Solid.** 278-372 5.49
- 100-Ft. 24GA Solid.** 278-373 10.95
- 24GA Solid in Bulk Quantity.** 278-1320 10c per Foot.

Outdoor Phone Ringer

Easy to Install

2195

Use in Your
Back Yard,
Pool, Patio
Or Garage



Now you can hear your phone ringing outdoors. Electronic "ring" sound can be heard for great distances. Volume control, built-in modular jack. Weather-resistant enclosure. 279-376 21.95

Extension/Replacement Bell

NEW
FOR '84

1995



Real Bell Replaces Electronic Signal

Connects easily to any modular telephone. Automatically cancels out electronic ringer—no need to disconnect ringer in telephone. Or plug it into a separate outlet for use as an extension ringer. Not for party lines. 4 3/4 x 2 1/2 x 1 5/8". Phone line-powered. 43-175 ... 19.95

ELECTRONICS FOR HOME SECURITY & CONVENIENCE



Available Oct. 15, 1983

Amazing Home Monitor Lets You Know What's Going On While You're Away

Voice Synthesized!
It Actually
"Talks"

NEW
FOR '84

219⁹⁵

- Monitors Conditions in Your Home or Office—Checks for Power Failure, Temperature, Burglar and Smoke Alarms
- Automatically Calls Up to Four Telephone Numbers and Its Voice Synthesizer Delivers Plain English Messages
- Lets You Call From Anywhere to Check on the Status of Your Home or Office

DUōFONE® Home Monitor. A complete home or office "babysitter". Monitors that electricity is on, that temperature is within your pre-set limits, detects loud sounds such as smoke or burglar alarms—and up to three other conditions. If there are disruptions, Home Monitor phones you or another party—calls until message is received. You can even listen to your home through built-in microphone. States time and temperature, in English, upon command. Also functions as an 8-number automatic phone dialer. Battery backup powers unit up to fifteen hours if AC fails. Warns you in English if battery is low. Rests on flat surface or mounts on wall. Modular connector with 6-ft. cord. Not for coin or party lines. 2 x 7³/₄ x 8⁵/₈". U.L. listed AC operation. Requires six "D" batteries for backup. 43-165 219.95

Control Lights and Appliances by Phone



99⁹⁵

Long-Distance Remote Control!
Call Home or Office From Any Phone
And Turn Lamps and Appliances On-Off!

- Give Your Home a "Lived In" Look While You're Away
- Light, Cool or Heat Your Home Before You Arrive

Plug 'n Power™ Telephone Remote Control System. Another Radio Shack breakthrough! Now you can phone from anywhere and turn on most 120VAC electric space heaters, window air conditioners and fans, start dinner in a microwave oven—even activate lights, a TV or a radio to discourage prowlers! Compact Remote Transmitter sends commands over the phone to your Telephone Remote Control Center, which plugs in standard telephone jack and AC outlet. The Control Center operates up to eight lights and appliances by sending a signal over your house wiring to Remote Control Modules (sold separately—see page 112). Control Center, 2¹/₄ x 5³/₄ x 5¹/₂". Remote, 1¹/₄ x 2¹/₄ x 5¹/₄", requires 9V battery. 43-151 99.95

Battery-Powered Wired Intercom

14⁹⁵
Pair

- With 66-ft. Cable
- For Desktop or Wall Mounting

Ideal for home, as well as campers, motorhomes and boats. Remote can signal Master even when system is "off". 1³/₄ x 3¹/₁₆ x 4¹/₈". Requires 9V battery. 43-221 14.95



4-Station, Battery-Powered Wired Intercom

Save Time and Steps With
The Push of a Button

24⁹⁵
Set of 4



A "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press Talk-Bar on any remote to signal master. Master, 1³/₄ x 4¹/₈ x 4⁷/₈". Remotes, 1³/₄ x 3 x 4¹/₈". With three 66-ft. cables. Requires 9V battery or AC adapter. 43-216 24.95

FM WIRELESS INTERCOMS—JUST PLUG 'N TALK®

"Telephone Style" 2-Station System

**NEW
FOR '84**

6995
Pair

- Simultaneous Communications With No Buttons to Push • Designed for Privacy

Exciting new system uses two separate frequencies to send and receive—you can talk simultaneously, just like a telephone. Just lift handset off base to call. Pleasant "ringer" sounds at other station when handset is picked up. LEDs on each station blink when calling, steady-on when answered. No wiring—just plug into AC outlet. For desk use or wall mounting. 3 1/8 x 3 1/4 x 9". U.L. listed.

43-205 Pair 69.95



Our Finest, Most Versatile System! 3 Stations, 2 Channels



12995

Set of 3

- Automatic Squelch Cuts Noise
- PLL Circuit Locks Stations On-Channel

Easy to install—just plug into AC outlets at desired locations and talk! Two channels let you talk with either station without disturbing the other. Automatic squelch keeps stations silent until called. Each station has Call-Tone and Talk controls. Lock switch for hands-free talking or monitoring, volume control, channel selector, plus LED "talk" and "receive" indicators. 1 3/4 x 6 1/2 x 5 1/2". U.L. listed. 43-214 Set of 3/129.95



3-Station, 2-Channel System With "Call-Tone" Signal

9995

Set of 3

Adjustable Squelch
For Noise-Free
Operation

Top value! Talk with either station without disturbing the other. Lock position provides hands-free talking or continuous monitoring. Call-Tone button, channel selector and volume control. For desk use or wall mounting. 1 3/4 x 3 1/2 x 6 7/8". U.L. listed.

43-217 Set of 3/99.95

Deluxe 2-Station With Lighted Talk-Bar

6995
Pair

A real step-saver system. And easy to use—just press Talk-Bar to speak, or Lock Bar for hands-free talking or continuous monitoring. Lighted Talk-Bar doubles as nightlight. Each station has volume control, Call-Tone button and adjustable squelch. Ideal for desktop. 1 3/4 x 6 3/4 x 4 3/4". U.L. listed. 43-212 Pair 69.95



Exciting Value in a 2-Station System

4995
Pair

Compact—Ideal for Desk Use or Wall Mounting

Reliable communication at a bargain price! Easy-to-install—just plug into AC outlets. Call-Tone alerts other station. Lock position for hands-free talking or continuous monitoring. Volume controls, LED "on" indicator. 1 7/8 x 5 7/8 x 4". U.L. listed. 43-207 Pair 49.95



Wireless FM Monitor System Doubles As a Convenient One-Way "Intercom"

2995
Set

Keep an "Ear" on a Child's Room While You Are Cooking, Cleaning or Just Relaxing

A low-cost monitoring system that lets you "babysit" from another room. And you can use it as an intercom for one-way messages—ideal for shut-ins. FM system minimizes interference—receiver remains silent until transmitter picks up sound. Transmitter has on/off switch. Receiver has on/off volume control. No wiring needed—just plug in. 1 7/8 x 3 x 3 7/8". U.L. listed.

43-208 Set 29.95



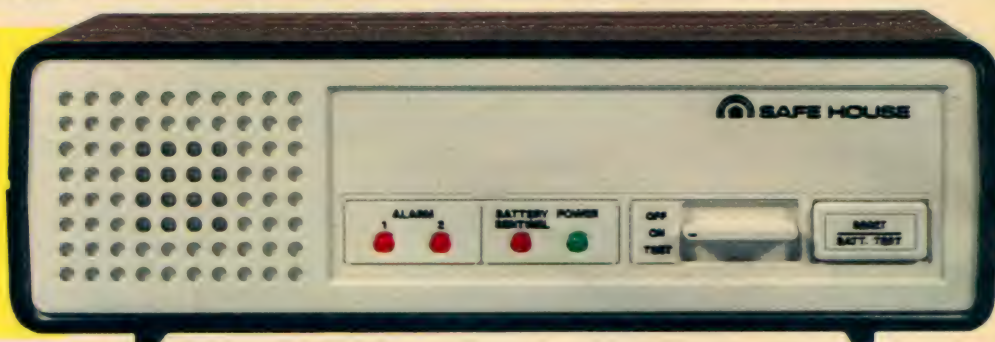
WIRELESS SECURITY SYSTEMS FOR A SAFE HOUSE®

Value-Priced Perimeter-Type Alarm System for Whole-House Protection

99⁹⁵

Includes Main Alarm and
One Door Transmitter

- Fully Expandable—Just Add More Transmitters Anytime
- Easy Installation—No Wires
- Loud Built-In Alarm Speaker



Perimeter protection—recommended by professionals. Plug Receiver/Central Alarm into AC outlet, place transmitters at doors and windows—no wires to connect. If an intrusion attempt occurs, system sounds loud alarm. Or add a super-loud indoor/outdoor siren. Auto alarm shutoff/reset. Exit/entry delay is selectable at each transmitter. Two channels let you "zone" the system.

Our Best! Perimeter Burglar Alarm System is Microprocessor-Controlled

159⁹⁵

Includes Main Alarm,
One Door Transmitter

- No Wires to Run from Transmitter to Main Alarm Control
- Design Your Own Highly Effective "Total" Security System

Plug Receiver/Central Alarm into AC outlet and place transmitters at doors and windows. Features loud built-in alarm, or add a super-loud Indoor/Outdoor Horn (below). Automatic alarm shutoff and reset. Program your own "disarm code" and an exit/entry delay time. Two channels let you "zone" the system. Six LEDs show functions. Receiver: 3 1/4 x 10 1/4 x 6 1/2". U.L. listed AC operation with battery backup (requires six "C" batteries). Transmitter requires 9V battery. **49-401** **159.95**

Extra Transmitter. Requires 9V battery. **49-402** . . . Each **29.95**

Outdoor Alarm Horn. **49-500** **27.95**

Receiver: 3 1/4 x 10 1/4 x 5". U.L. listed AC operation with battery backup (requires eight "AA" alkaline batteries). Transmitter: 6 x 1 3/8 x 1 1/8". Requires 9V battery. **49-410** **99.95**

Extra Transmitter. Requires 9V battery. **49-411** **29.95**

Two-Sound Indoor/Outdoor Siren. **49-488** **16.95**



Expand Anytime
With More Transmitters

Announcer With Invisible Infrared Pulsed Beam

69⁹⁵

Works as an Announcing System for
People Entering a Given Area—Activates
Built-In Buzzer When Beam is Broken

Round-the-clock protection at a low price! Shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound momentarily, continuously with manual reset, or sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell or siren. 4 1/8 x 3 x 7 1/4". With adjustable mounting bracket. U.L. listed AC operation. **49-201** **69.95**



One-Piece
Receiver/Transmitter



Beam
Reflector

RADIO SHACK SECURITY FOR YOUR HOME AND FAMILY



Door-Hanger Alarm



9⁹⁵

For Use on Most Wooden Doors

An inexpensive way to keep safe! Hooks over the inside of any doorknob and sounds loud, piercing alarm to warn of opening or tampering. Adjustable sensitivity. For wood doors only. 4 3/4 x 2 3/16 x 1 3/8". Requires 9V alkaline battery. 49-461 9.95

Solid-State Electronic Door Window Alarm

11⁹⁵

- Easy to Install
- Entry/Exit Delay
- Key-Operated On/Off

Low-cost protection! Loud, shrill sound scares intruders. 5 1/8 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421 11.95



Combination Door Alarm and Entry Chime

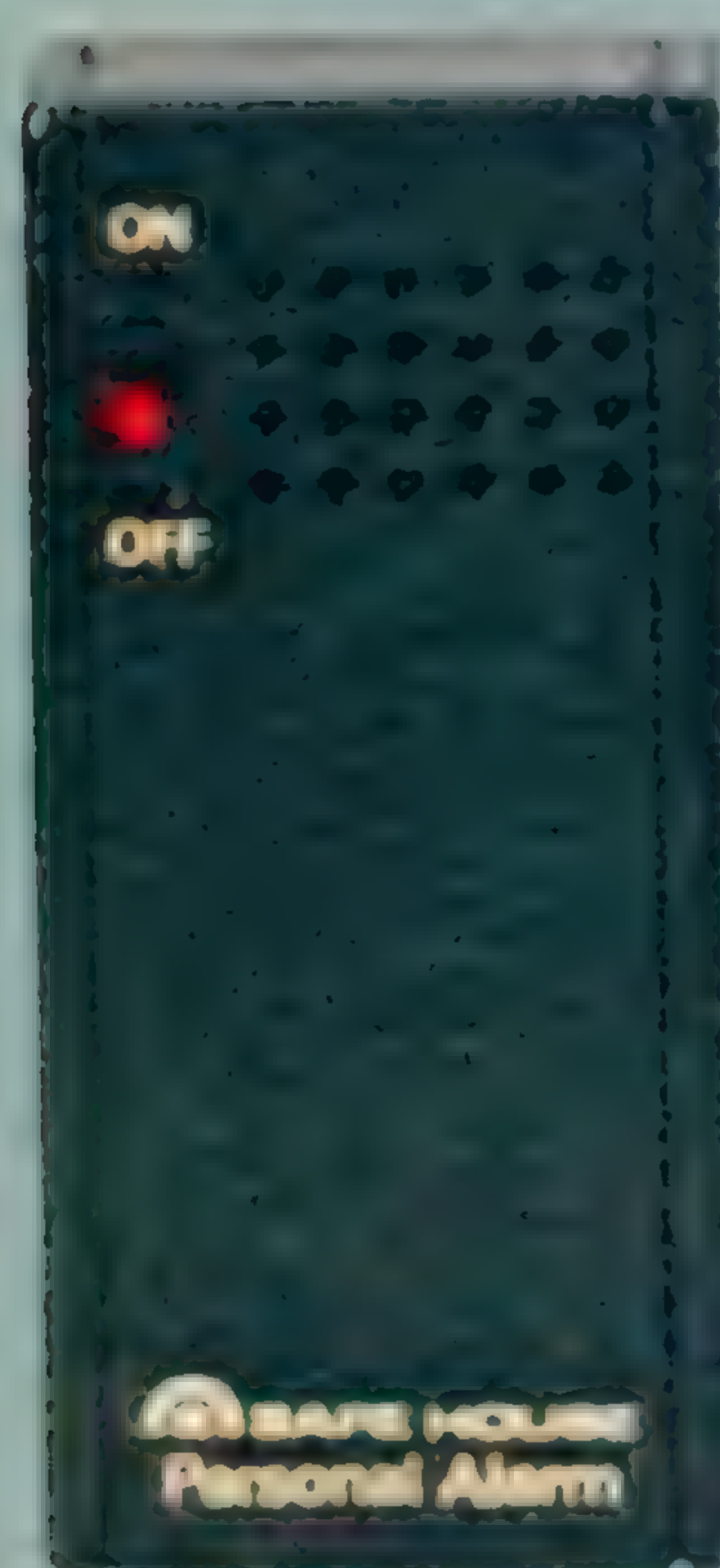
24⁹⁵

- Arms With Secret Keyboard Code
- Exit/Entry Delay
- Easy to Install

Alarm protection, plus a pleasant-sounding chime that "announces" callers. 6 5/8 x 2 3/4 x 1 1/4". Requires 9V alkaline battery. 49-422 24.95



Wallet/Purse Personal Alarm



6⁹⁵



"Mini" Alarm Unit Clips Onto Belt—Emits Loud, Piercing Sound if Wallet is Removed

Card inserts into wallet or purse. If thief attempts to remove wallet or purse, alarm sounds. On/off switch. Requires two "AAA" batteries. 49-601 6.95

Personal Hand-Held Alarm



NEW FOR '84

3⁹⁵

Pull Attached Cord To Set Off Loud, Piercing Alarm

Fits comfortably in your hand or pocket for go-anywhere portable protection. Or place it inside purse with cord wrapped around wrist—if purse is snatched, the alarm sounds as key is removed. Requires 9V alkaline battery. 49-611 3.95

Hand-Held Personal Alarm for Portable Security

9⁹⁵

Carry it With You Or Attach It To a Door

Alarm activator bar and wrist strap for outdoor use, plus a door attachment. Alarm sounds up to one hour. Requires 9V alkaline battery. 49-610 9.95



Window/Door Alarm



3⁴⁹

Install Several

Loud built-in alarm. Includes mounting screws and adhesive backing. Requires two "AA" batteries. 49-494 3.49

Personal Powerhorn®



5⁹⁵

Use to Summon Aid

Fits in purse or pocket. Can be heard up to 1/2-mile away. 49-600 5.95

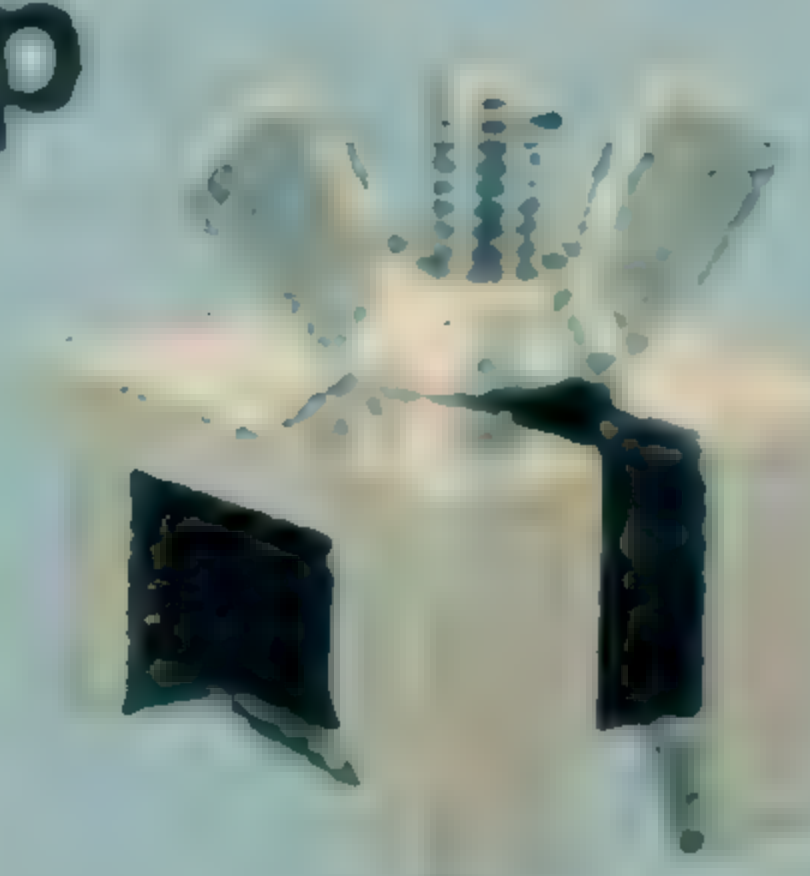
Window/Door Slide Stop

99^c

Halts Burglars!

Prevents opening sliding windows or doors. Position stop for any size opening.

49-540 99c



AC-Failure Light

15⁹⁵



Turns on when AC fails, operates up to 90 minutes. Battery recharges automatically. Plugs directly into AC outlet. U.L. listed. 61-2645 ... 15.95

Night Light

350

5⁹⁵ Was \$6.29 in 1983 Catalog

Turns on automatically at dusk. Gets brighter with darkness, turns off at dawn. Ideal for halls, baths. 4 1/4 x 1 1/2 x 1 1/4". U.L. listed. 61-2646 ... 5.95



Ionization Smoke Detector and Alarm

16⁹⁵

- No AC Power Required
- Low-Battery Warning Circuit

Sensitive, battery-powered detector continuously monitors the air. Responds quickly to smoke or invisible combustion particles by sounding a loud, built-in alarm. 7" dia. x 2" thick. Battery lasts up to one year. Includes mounting hardware. U.L. listed. 49-455 16.95



Attaches to wall ...



... or to ceiling



Includes 9V battery

Portable Smoke Detector and Alarm

19⁹⁵

Includes 9 Volt Battery—No AC Power Required

For Home or Travel

Don't take chances when you travel—fits easily in a suitcase or traveling bag. Responds quickly to smoke and invisible combustion particles with loud, built-in alarm. Includes adjustable bracket for easy mounting on door. U.L. listed. 49-456 19.95



EASY-TO-INSTALL MOTION-DETECTOR SYSTEMS

Our Best—Passive Infrared Motion Sensor

**NEW
FOR '84**

Exclusive
Radio Shack
Breakthrough!

149⁹⁵

- Latest Technology Protects by Detecting the Body Heat and Motion of the Intruder
- Covers 20-Ft. Wide by 30-Ft. Long Area

Loud internal or optional external alarm sounds when protected area is violated and resets. Arm or disarm from keyboard using your secret code, or may be remotely armed. 30-second exit/entry delay. "Walk-Test" lets you define protection area. 24-hour panic circuit sounds alarm instantly. Simulated walnut. $3\frac{3}{4} \times 10\frac{1}{2} \times 8\frac{1}{4}$ ". Battery Backup powers system if AC fails (requires eight "C" batteries). Can be used with optional perimeter accessories. U.L. listed. 49-305 149.95



Dual Protection!
Passive Infrared Plus Perimeter

Deluxe Ultrasonic Motion Detector— Also Usable as Perimeter System

99⁹⁵

- Automatic Shutoff and Reset
- 30-Second Exit/Entry Delay
- 24-Hour Panic Alarm Circuit
- Battery Backup In Case of AC Failure
- No Wiring—Just Plug In and Aim

Reliable security protection without complicated installation. Arms and disarms by a keyboard code that you set. "Walk-Test" defines protected area, up to 20 x 30 feet and sounds a loud, built-in alarm or optional external siren or bell. Can be used with optional perimeter accessories. Simulated walnut finish. $3\frac{3}{4} \times 10\frac{1}{2} \times 8\frac{1}{4}$ ". U.L. listed. 49-304 99.95



Dual Protection!
Ultrasonic Plus Perimeter

Ultrasonic Motion-Sensor Alarm System



69⁹⁵

- No Installation—Just Plug In and Aim
- Loud Built-In Alarm • "Walk-Test" Lamp

Protects a 20 x 30-foot area. Motion triggers built-in alarm or optional super-loud siren or bell. Alarm sounds instantly or with 15-second delay. Adjustable sensitivity, remote on/off, 10-second exit delay, battery backup provision. Simulated walnut. $2\frac{3}{4} \times 9\frac{1}{2} \times 8\frac{1}{4}$ ". U.L. listed. 49-303 69.95

Low-Cost Portable Ultrasonic Alarm



**NEW
FOR '84**

39⁹⁵

- Detects Intruders Up To 25 Feet Away
- No Installation

Use it on trips or at home. Alarm sounds 3 minutes, then resets. 35-sec. exit delay, switchable entrance delay. Sensitivity control. Low-battery indicator. Simulated walnut. $2\frac{7}{16} \times 7\frac{1}{16} \times 4\frac{1}{8}$ ". Requires 9V alkaline battery. 49-306 39.95
AC Adapter. U.L. listed. 273-1455 6.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

RADIO SHACK ALARM SYSTEMS FOR A SAFE HOUSE

99⁹⁵

Low-Cost, Whole-House Protection for Your Family, Home and Property! Easy Do-It-Yourself Installation



24-Hour Protection

- Expandable—Add Your Choice of Security Accessories
- Custom Design Your Own Alarm System

Protect your property with the same type of system used by professionals! The features you need are built into the control panel—you can add alarm bells, sirens and strobes, key locks, security dialers, vibration and glass-breakage detectors or motion sensors—any of the open or closed-circuit security devices on page 111. There are two "loops"—one instant, and one with adjustable 0-45 second entry and exit delays. You can add up to ten arm/disarm key switches for entrances. There's even a panic switch circuit that's armed 24 hours for emergencies. Alarm shuts off after five minutes, then resets automatically. System is powered by a low-voltage stepdown transformer that plugs into 120VAC outlet, and has battery backup in case of AC failure. Four LED indicators in the all-steel control panel indicate system status at a glance. Power-on and arm/memory LEDs assure that the system is armed and working properly. The loop indicator lights when all detectors are in their normal state, and lets you know if you left a window or door unprotected. Separate battery and bell test buttons and battery indicator. 117¹⁶/₁₆ x 8¹⁴/₁₆ x 3⁹/₁₆". Backup requires eight alkaline or ten rechargeable nickel-cadmium "C" batteries. U.L. listed. 49-450 99.95

Complete Alarm System Package

Reg. Separate Items 146.30

129⁹⁵ Save \$16³⁵



- A Alarm System Panel
- B 100 Ft. of Twisted Wire
- C High-Security Key Lock
- D Four Magnet Switches
- E 2-Sound Electronic Siren

Protect Your Valuable Automotive Investment With Mobile-Alert® Systems

"Silent" Alarm With Pocket Receiver

ONE OF OVER **350** NEW LOW PRICES

89⁹⁵

Was \$99.95 in 1983 Catalog

You Hear Alarm Up to ½-Mile Away—The Thief Doesn't

Mini-transmitter installs under dash and connects to radio antenna, sensors mount on door post—signals pocket-alarm receiver when your car is tampered with. Receiver, 4 x 2 x 1". Requires two "AA" batteries. 12VDC neg. gnd. 49-491 89.95



Keyless Alarm System With Motion Sensor

Senses Opening of Hood, Trunk, Doors—Warns of Tampering

Intrusion or motion triggers loud 3-minute alarm, then resets. Automatically arms itself 40 seconds after last door is closed. 20-second entry delay. Control module sensor, cables and hardware. 12VDC neg. gnd. 49-762 49.95



ONE OF OVER **350** NEW LOW PRICES
Was \$59.95 in 1983 Catalog

49⁹⁵

Keyless Vehicle Alarm System

NEW FOR '84

29⁹⁵

No Keys or Switches to Lose or Forget—Armed After Last Door is Shut

Protection at a bargain price! Alarm delivers penetrating sound that can be heard for blocks. 20-second entry delay and 40-second exit delay. With trunk and hood switches, wire, hardware and manual. 12VDC neg. gnd. 49-781 29.95



Design and Install Your Own Alarm System

Available Sept. 30, 1983

NEW FOR '84

19⁹⁵



Uses your car's horn or an optional electronic alarm. Automatically arms itself after last door is closed. 20-second entry delay. Alarm output handles 12VDC at 15A. With instruction manual and wire. Add accessories below to complete your system. For 12VDC neg. gnd. 49-751 ... 19.95

Hide A Key 69^c



No more lockouts! Grips any flat magnet-holding surface. Get two—for home and car! 49-050 ... 69c

Extra Pin Switches

289

Pkg. of 2



For hood, trunk or doors. Can be used with any system on this page. 49-509 2/2.89

Low-Cost Motion-Detector Switch

Sense Movement 499

Mounts easily under hood and can be added to any of the systems above except #49-762. Adjustable sensitivity. Normally open circuit. 49-520 4.99



SHOP SHACK® FOR ALARM SYSTEM ACCESSORIES

Switches and Spacers

A Contacts close when magnet engages. U.L. listed. 49-495 3.49

A Contacts open when magnet engages. U.L. listed. 49-512 3.99

B Spacers. Use with above on metal doors or uneven surfaces. 49-519 .. Pkg. 6/99c

Magnetic Switches



C Mini. Contacts close when magnet engages. U.L. listed. 49-497 .. 3.99

D Concealed. Mounts inside door or window frame. U.L. listed. 49-496 .. 3.99

Foil and Block Connectors



E Foil. Connects to alarm and glass. 120-foot x 3/8" roll. 49-502 5.99

F Connectors. Adhesive. 49-504 .. 3 Pair/2.59

Foil/Vibration Contact



Mount half on window or door, other half on frame. Allows normal door/window use. 49-518 3.99

Glass Breakage Detector



Guards up to 32 square feet of glass. For open or closed circuit alarms. Adhesive backing. U.L. listed. 49-516 7.95

Vibration Detector



Detects impact vibration on any surface. Adjustable sensitivity. For N.C. circuits. Tamper-proof case. U.L. listed. 49-521 .. 3.95

Contact Switch

NEW FOR 84 350

129

Was \$1.79 in 1983 Catalog

For Windows, Door Frames

Contacts close when plunger is depressed. With screw terminals, mounting hardware. U.L. listed. 49-513 1.29

Pressure Mat



1095

For use in or outdoors—conceals easily under rug, mat, carpet. For N.O. circuits. 1 amp at 25VDC. 6 x 24" 49-522 10.95

Panic Switch

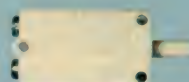


149

Triggers Instant Alarm

Pushbutton activates alarm system in emergencies. For normally open circuits. Contacts close when button is pushed. 49-517 1.49

Tamper Switch



NEW FOR 84 139

Protects alarm panels, siren or bell boxes from tampering. Contacts open when plunger is depressed. For N.O. circuit loops. 49-528 1.39

2-Conductor Twisted Wire



549

Perfect for use in making alarm system connections. 22-gauge. 100 feet. 278-860 5.49

Warning Decals

Pkg. of 5 99c



Vinyl, adhesive decal warns everyone you're protected by Radio Shack security system. Mounts on inside of glass. 49-507 ... Pkg. of 5/99c

Lock Switch With Cover



469

Spring-loaded cover, screw terminals. With two keys. Ideal for car, home or business alarms systems. 49-515 4.69

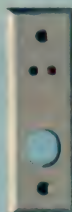
High-Security Round Lock Switch



995

Key removes in "on" or "off" position. Comes with two keys. 49-511 ... 9.95
As above, but momentary contact. 49-523 9.95

Remote Key Plate



595

For Most Keyswitches

Red and green LED system status indicators, tamper switch. For 6 and 12VDC. With mounting hardware. 49-524 5.95

8" Alarm Bell

NEW FOR 84 350

Was \$22.95 in 1983 Catalog

1995

Loud, heavy-duty bell for signaling or alarms in homes, schools, factories. 1A, 12VDC. U.L. listed. 49-498 19.95

Electronic Siren

NEW FOR 84 350

Was \$19.95 in 1983 Catalog

1695

Sale and use of sirens for mobile use is prohibited in Calif. and certain other states.

Dual sound—loud rise-fall or steady. Weatherproof. Requires 1/2A, 12VDC. 49-488 16.95

Hi-Power 2-Sound Siren



3995

Loud rise-fall or steady sound. 1A at 6 to 12VDC. Adjustable base. Weatherproof. 49-525 39.95

Passive Infrared Motion-Sensing Head

Latest Technology

Detects intruders' motion by sensing their body heat. Compact sensor mounts on the wall. For use with #49-450 Alarm System. Covers area up to 35 feet long, 20 feet wide. Connects to closed circuit loop. Has N.O. tamper switch. Switchable walk-test LED indicator to determine area of coverage. Requires 12VDC at 20mA. U.L. listed. 49-530 69.95



NEW FOR 84

6995

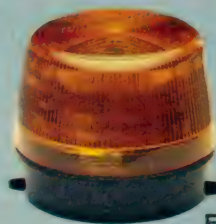
Works With Most Wired, Some Wireless Alarm Systems for Added Protection

Security Strobe Light

NEW FOR 84

1995

Brilliant Strobe is Visible Even in Fog



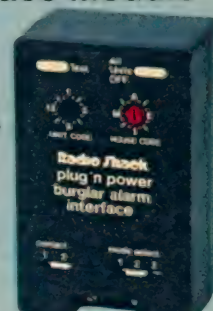
Indicates where alarm is coming from and helps police or fire department locate your home quickly. Waterproof for outdoor use. 100,000 candlepower. Requires 12VDC at 0.2A. U.L. listed. 49-527 19.95

Interface Module

NEW FOR 84

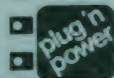
3995

Turns On Lights to Scare Off Intruders



Turns on lights and other modules when alarm sounds. Use with Plug 'n Power™ modules on page 112. Works with any Radio Shack and most other alarm systems. U.L. listed. 49-526 39.95

CONVENIENT WIRELESS REMOTE CONTROL SYSTEMS



Take Command of Lights and Appliances All Around Your Home

Deluxe Remote Control Timer Center With Battery Backup and Battery Test Features



69⁹⁵

- Instantly Sends On/Off Commands at The Times That You Easily Preset
- Just Plug In—Uses AC House Wiring
- Built-In Digital-Display Clock

Battery Backup

During power failures, batteries keep the timer running and prevent loss of times programmed in memory. Battery Test button allows testing without removing batteries.

Solid-state timer automatically controls up to eight electrical devices around your home. It can wake you up, start the coffee maker, turn outdoor lights on or off and much more! Just plug appliances and lights into Modules (below), then into AC outlet. Program each device to turn on or off at the same time each day or vary times for an at home look. Instantly turn all lights on in emergencies, or turn all lights and appliances off. $3\frac{1}{4} \times 5\frac{1}{8} \times 5\frac{3}{16}$ ". Requires four alkaline "AA" batteries for backup. U.L. listed. 61-2679 69.95

Remote Control Center Operates Electrical Devices With the Touch of a Button



39⁹⁵ Priced for Any Budget and Easy To Use—Works With All Plug 'n Power™ Modules

Remote Control Center. Command up to 16 lights or appliances remotely from anywhere in your home. You can use as many control centers as you wish, because there's no wiring to install. Allows you to turn on lights before entering a room, and even adjust their brightness. All lights on, all-off control doubles as panic switch in emergencies. Also controls TV, stereo and appliances—almost anything in your home. To use, just connect Modules (below) to lights or appliances, then plug into AC wall outlet. $4\frac{3}{4} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". U.L. listed. 61-2680 39.95

Plug 'n Power™ Remote Control Modules for Lights and Appliances



Appliance Module

16⁹⁹

All Modules Are U.L. Listed

Turns appliance on and off. Resistive load: 15A, motor load: $\frac{1}{3}$ HP, incand. lamp: 500W. 61-2681 16.99



Lamp Dimmer Module

16⁹⁹

For incandescent lamps rated up to 300 watts. Functions include on, off, brighten and dim. 61-2682 16.99

Wall Switch Module

17⁹⁹

Replaces standard wall switch. For incandescent lamps up to 500W. On/off by remote or local control, brighten and dim by remote. 61-2683 .. 17.99



Universal Appliance Module

17⁹⁹

For appliances with 3-prong grounded plug. Television: 400 watts maximum. Other ratings same as Appliance Module. 61-2684 17.99



AC ADAPTERS & CONVERTERS FOR FOREIGN POWER

AC Adapters for Radio Shack* Equipment

- Save Your Batteries—Use These Adapters When AC is Available
- All Feature 6-Ft. Cords And are U.L. Listed

*And many other brands

Low As

495



These modules convert 120VAC house current to the DC power required by most portable radios, tape recorders, calculators and many electronic games. Compare your device's power requirements and input connector with the list below.



- [A] **9VDC at 300mA.** Connector: coaxial "barrel type" plug, outside dia. (O.D.): 5mm, inside dia. (I.D.): 2.1mm. 273-1455 **6.95**
- [B] **6VDC at 150mA.** Connector: coaxial plug, O.D.: 5mm, I.D.: 2.1mm. 273-1454 **5.95**
- [C] **9VDC at 25mA.** Connector: submini-type phone plug. 273-1431 **4.95**
- [D] **3VDC at 200mA.** Connector: submini-type phone plug. 273-1435 **4.95**
- [E] **9V Battery Eliminator.** 25mA. Connector: snap-type as used on 9V rectangular batteries. 270-1552 **4.95**

Converters for Foreign AC Power



Low As

1395

- Compact Size • Overload Protected
- Use Your 110/120VAC Appliances From 220/240VAC Power Throughout the World

[F] **50-Watt Converter Transformer for Electronic Equipment.** Converts 220/240VAC to 110/120VAC to operate cassette recorders, radios, most photoflash units and battery rechargers, calculators and appliances up to 50 watts. 9 1/2 oz. 1 5/8 x 2 5/8 x 1 1/4". With carrying pouch. 273-1401 **13.95**

[G] **1000-Watt Converter.** Allows use of 110/120VAC non-motorized heating appliances from 220/240VAC. For toasters, irons, curlers, curling irons, heating pads, electric blankets, steamers, contact lens sterilizers, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 1/2 x 1 1/2". With carrying pouch. 273-1402 **14.95**

[H] **1600-Watt Converter.** Allows use of 110/120VAC heating appliances from 220/240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, electric blankets, steamers, contact lens sterilizers, manicure sets, immersion heaters, toasters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 1/8 x 1 7/8". With carrying pouch. 273-1404 **18.95**

[J] **Plug Adapters (Set of 4).** Connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. Must be used with one of the voltage converters, above. 273-1405 **Set, 7.95**

IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. Not for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer-operated devices.

Value-Priced Universal AC Adapter



NEW FOR '84

1195

- Powers Most Portables That Have a Jack for External DC
- Five Output Voltages With Reversible Polarity—3, 4.5, 6, 7.5 and 9VDC

If you have a variety of battery-powered devices, you can save on batteries and the expense of buying different adapters. Includes six "Adaptaplugs"—mini-plug, submini plug and four "barrel-type" coaxial connectors. Delivers up to 300mA current. With 6-foot cord. U.L. listed. 273-1650 **11.95**

9VDC Adapter



895

Converts 120VAC to 9VDC power required by many portable recorders, radios, video games and more. With one "barrel" and one mini-plug. 500mA. U.L. listed. 273-1651 **8.95**

12VDC Adapter



995

Converts 120VAC to 12VDC for many video games, portable cassette and B&W TVs, hand-held transceivers and more. With mini-plug and three "barrel" connectors. 500mA. U.L. listed. 273-1652 **9.95**

Micronta® 12VDC Power Supplies

Convert 120VAC House Current To 12 Volts DC



Regulated

3495

Unregulated

2695

Regulated 12VDC Supply. Operates most 12 to 14-volt DC devices from 120VAC. Ideal for use with CB and Ham transceivers and as a bench supply. 2.5 amps continuous load at 13.8VDC. 5-amp surge. Push-to-reset circuit breaker. Sturdy metal cabinet. 2 1/2 x 4 1/2 x 6 3/4". U.L. listed. 22-124 **34.95**

12VDC Supply. Similar to above but unregulated. 1.75-amp continuous load, 5 amp surge. Circuit breaker protected. U.L. listed. 22-127 **26.95**

→ **ARCHER** →

Color Supreme II

**Three Antennas
In One!**
VHF • UHF • FM

Get Maximum Signal Reception in Any Area!

VU-190
89⁹⁷

VU-160
69⁹⁷

VU-120
56⁹⁷

VU-110
43⁹⁷

VU-90
35⁹⁷

VU-75
26⁹⁷

VU-60
17⁹⁷

\$3.99 Value

Signal Splitter Included!
Separates VHF-UHF-FM Outputs,
Only One Down-Lead Required

For All TV Channels, 2-83, Plus FM and FM Stereo

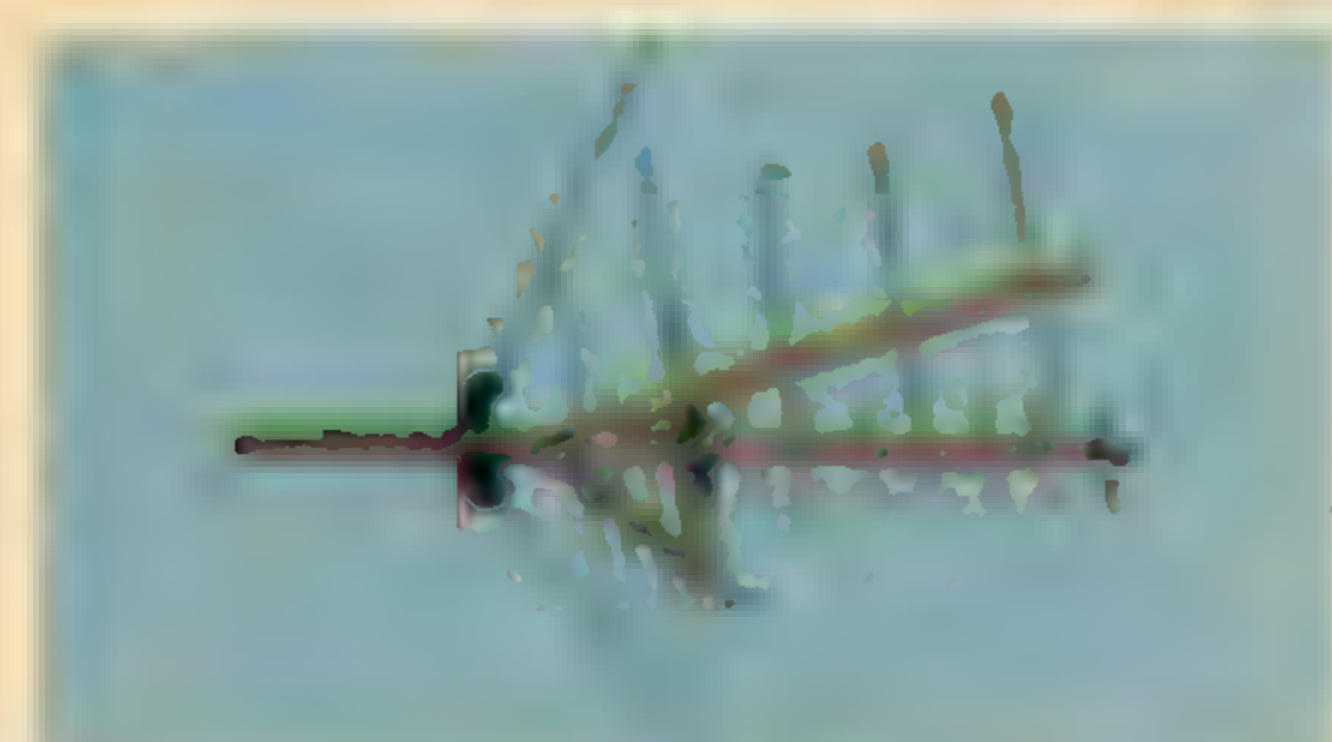
- Gold-Alodized® Finish Fights Corrosion and Resists Weathering
- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer, And Withstand Strong Winds and Icing
- Fully Preassembled—It's Easy to Install It Yourself and Save



High-Tensile Strength
Aluminum for Long Life



Snap-Out Brackets
For Easy Installation



UHF Yagi and Corner
Reflector Combination



Air-Insulated
Multiple Drive System



Strong Square Boom
With "No-Tilt" Clamp



Heavy-Duty, High-Impact
Molded Insulation

We manufacture our own antennas here in the USA, so you can be sure they're top quality. Our dynamic Color Supreme II Series features wide-swept elements for more TV/FM signal pickup in any area. Exclusive design delivers life-like color and crisper black-and-white on UHF/VHF-TV channels 2 to 83—even those "hard-to-get" stations. Delivers better FM channel separation and cleaner sound for your stereo system, too! Factory preassembled—easy "fold-open" assembly so you can install it yourself.

**There's a Color Supreme Just Right
For Your TV or FM Reception Area**

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-190	190	120	100	160"	48	15-1646
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640

*Estimated Ranges, Based on Reception Over Flat, Open Terrain—Masts Not Included

ARCHER® ANTENNAS IMPROVE TV/FM RECEPTION

Exclusive Design For Channels 14-83

- Gold-Alodized Finish Fights Corrosion
- Air-Insulated Multiple Drive System
- 60° "Swept-Wing" Design Increases Signal Pickup in Any Area

- A U-120 Corner-Reflector Yagi**—Up to 120 Miles*. 33 elements, 100" square boom, self-locking snapout elements. Preassembled. 15-1662 34.95
- B U-100 Corner-Reflector Yagi**—Up to 100 Miles*. 25 elements, 80" square boom, self-locking snapout elements. Preassembled. 15-1661 23.95
- C U-75 Corner-Reflector Yagi**—Up to 75 Miles*. Narrow pattern, 16 elements, 40" boom, snapout elements. Preassembled. 15-1660 16.95
- D Corner Reflector**—Up to 50 Miles*. Cuts airplane "flutter". Preassembled. 15-1629 10.95
- E Multi-Bay "Bow-Tie"**—Up to 70 Miles*. 30" boom. Preassembled. 15-1627 11.95



Aim Your Antenna for the Best Picture

59.95 Maximizes TV/FM
Signal Strength

Archerotor®. Aim your antenna for improved reception. Motor brake resists movement in high wind. Accepts 1 1/4 to 1 3/4 dia. masts. Requires 3-conductor rotor cable (below). 15-1225 59.95

20-Gauge Rotator Cable

No. of Conductors	Length in Ft.	Cat. No.	Per Roll
3	50	15-1149	4.49
3	100	15-1150	7.79
5	100	15-1201	9.95

Custom-Designed for Better VHF-TV and FM Reception



Engineered exclusively for better VHF-TV reception on channels 2 to 13, plus FM stereo or mono. Air-insulated multiple drive system and 60° "Swept-Wing" design improve signal pickup. Self-locking snapout elements. Preassembled for easy installation.

Archer Model	Range in Miles*		Boom Length	No. of Elem.	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651

Antennas for Improved FM/FM Stereo



- F Triple-Drive 6-Element Directional**—Up to 110 Miles*. High gain to pick up distant stations clearly. Gold-alodized to resist corrosion. Preassembled. 15-1636 16.95
- G Omnidirectional Outdoor**—Up to 50 Miles*. Gold-alodized finish, strong square boom. Preassembled. 15-1639 11.95
- H Omnidirectional Attic/Outdoor**—Up to 35 Miles*. Gold-alodized to fight corrosion. Preassembled to install yourself. 15-546 6.95

Complete VHF/UHF/FM Mobile Antenna Package

- 28.95**
- No Extras to Buy
 - Sets Up Quickly and Easily
 - Folds Down Flat for Travel



Perfect for boats, motorhomes, trailers. Snap-lock elements of rugged aluminum alloy to resist high winds, corrosion. Wall-thru insulator prevents water leaks. With hardware. 15-1613 28.95

Car/Van Mobile VHF-TV Antenna

- 29.95**
- Heavy-Duty Chrome-Plated Dipole
 - Mounts Easily on Gutter or Window



Lets you enjoy clear TV reception of channels 2 to 13 in your car, limo, truck or van. Outperforms built-in antennas. Comes with mounting hardware and instructions—everything you need to install it yourself. 15-1610 29.95

*Estimated Ranges, Based on Reception Over Flat, Open Terrain—Masts Not Included

ARCHER® INDOOR ANTENNAS FOR BEST RECEPTION

Color Supreme III For Fine UHF/VHF/FM

ONE OF OVER **350** **29⁹⁵**
NEW LOW PRICES



Cleans up ghosts and snow, even in hard-to-receive areas. Enhances your FM reception, too. Phasing control for best VHF. Dial rotates both UHF and VHF antennas.

15-1824 29.95

Color Supreme II For UHF/VHF/FM

ONE OF OVER **350** **24⁹⁵**
NEW LOW PRICES



12-position fine-tuning for improved TV and FM reception. Dual loops for better UHF picture. Dial adjusts antenna direction.

15-1816 24.95

UHF/VHF/FM— Color Eagle II

19⁹⁵

Phasing Switch
Cuts Ghosts,
Snow and FM
Interference



Satin-brass VHF dipoles and dual UHF loops. Color-coded leads for easy hook-up. UHF/VHF/FM selector switch.

15-1809 19.95

Color Eagle UHF/VHF

14⁹⁵

Phasing
Switch for
Clean TV
Reception



Has four-section, satin-chromed VHF dipoles, dual UHF loops. Color-coded leads assure easy hook-up. 15-1810 14.95

Deluxe UHF/VHF

9⁹⁵

Multi-Position
Fine-Tuning
Switch Assures
Optimum Signal
Reception

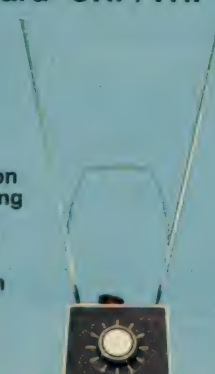


Greatly improves color and B&W pictures! Installs quickly with screw-driver. Brass-plated VHF dipoles. 15-1818 9.95

Standard UHF/VHF

7⁹⁵

12-Position
Fine-Tuning
Switch—
Dial Your
Best TV
Reception



Sharpen your reception at low cost! With telescoping, stainless steel dipoles, UHF loop. 15-628 ... 7.95

Lowest-Priced, VHF

3⁹⁹

Improves Your
Reception on
TV Channels
2 Through 13



Contemporary design, telescoping three-section dipoles. Felt-covered, anti-tip base. 15-958 3.99

Back-of-Set VHF Improves TV Reception

5⁴⁹

Install It
Yourself
In Minutes



Mounts conveniently out of sight behind most TV sets. Features telescoping 30" dipoles. 15-1804 5.49

Upright UHF-TV Twin Bow-Tie

8⁹⁵

Better
Picture
On TV
Channels
14 to 83



Gold-color bow ties, brass-plated reflector grid. Vinyl feet won't mar surfaces. With lead. 15-623 8.95

Replacement UHF/VHF

99¢

2⁹⁹

2¹⁹

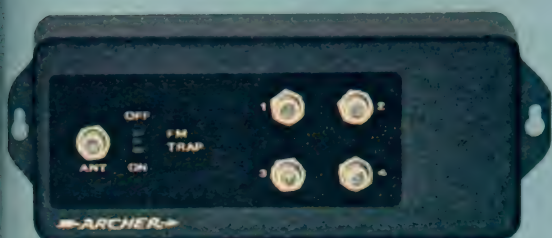
A UHF Loop. Replace your bent or lost loop. 15-233 99¢

B UHF Bow-Tie. Snaps on VHF rod, connects to UHF terminal for easy hook-up. 15-234 ... 2.19

C VHF Rod. Replace your broken or bent rods for best picture. 38" long. 15-232 2.99

SHOP THE SHACK® FOR ALL YOUR TV ACCESSORIES

Indoor 4-Set UHF/VHF/FM Amplified Couplers



**NEW
FOR '84**

29⁹⁵

Switchable
FM Trap Cuts
Interference

Drive up to four TV or FM sets from one VCR or antenna. Choose the 75 or 300-ohm unit to match your antenna system. 14 dB gain on VHF/FM, 13 dB gain on UHF. For indoor use. With mounting hardware, manual. U.L. listed AC operation.

75-Ohm. 15-1123 29.95
300-Ohm. 15-1125 29.95

Mast-Mount UHF/VHF Amplifier for TV, FM and FM Stereo

**NEW
FOR '84**

34⁹⁵

- Boosts TV and FM Signals, Even in Fringe Areas
- Switchable FM Trap



Amplifies TV/FM signals, not interference picked up by download. Resists overload on strong signals. FM trap cuts interference. Typical gain: VHF, 25 dB; UHF, 20 dB. With mounting hardware and instructions. U.L. listed AC operation. 15-1124 34.95

75 or 300-Ohm

Indoor FM Antenna

11⁹⁵

Enhances
FM Stereo

Stereo Supreme. Improves selectivity and channel separation. Fine-tuning knob. 15-1822 11.95

Indoor FM Amplifier

24⁹⁵

Boosts Signal for
Better Stereo Sound

Provides 18-dB signal gain to receive weak or distant FM stations. For 300 or 75-ohm receiver inputs. U.L. listed AC operation.

15-1122 24.95

VCR/TV/FM Filter

8⁹⁵

Cuts CB/Ham Signal
Interference in TV
And FM Receivers

Nine-element high-pass LC filter. Installs at 75-ohm coaxial input of VCR or TV/FM. 15-580 8.95

Interference Filters

5⁹⁵

1⁹⁹

A Cuts interference from CB, Ham transmitters. For use with 300-ohm TV/FM inputs. 15-581 5.95

B Reduces appliance or neon light static. Attaches to 300-ohm TV antenna terminals. 15-582 1.99

Switches for Your TV Games And Computers



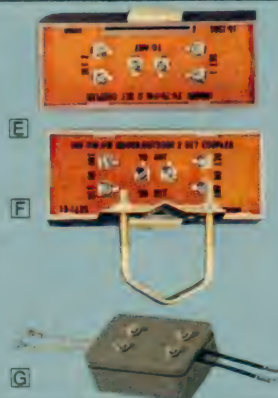
C **3⁹⁹** **NEW FOR '84** **3⁹⁹** **D** **NEW FOR '84** **4⁹⁹** **E**

C 300-Ohm TV Switch. Use video games and computers with your TV, without rewiring each time. For 300-ohm antenna line/TV input. 15-1255 3.99

D 300/75-Ohm Antenna Input. 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. 15-1269 3.99

E 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. For use with coax or 300-ohm antenna-type systems. 15-1268 4.99

Add More Sets or Combine Leads With Our Splitters and Couplers



E 2-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 2.29

4-Set Indoor Coupler. 15-1502 2.59

F 2-Set Indoor/Outdoor Coupler. Combines two antenna outputs for one 300-ohm download. 15-1135 3.59

4-Set Indoor/Outdoor Coupler. 15-1136 4.59

300-Ohm Combiner/Splitter. 15-1137 3.95

G Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm download. Insta-mount. 15-1138 3.99

Filters for Better Reception



5⁹⁵

Color TV "Ghost" Eliminator. Cuts interference caused by nearby structures. Adjusts for UHF and VHF. Installs easily. 15-1114 5.95

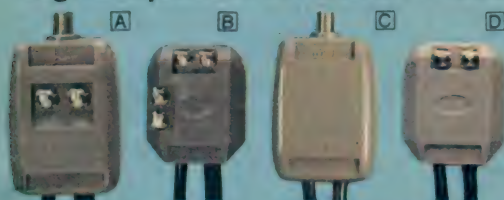
6⁹⁵

AC Interference Filter. Reduces most electrical appliance interference. Polarized plug and socket. U.L. listed. 15-1110 6.95



ACCESSORIES FOR BETTER TV AND VCR HOOKUPS

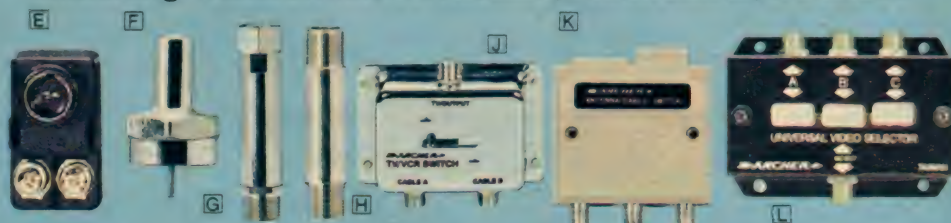
Signal Splitters for VCR/TV Use



Outputs Have 6" Coax Leads With Male "F"-Type Connectors or 300-Ohm Leads With Spade Lugs for Quick, Easy Hookup

- A VCR/TV Antenna Splitter.** 75-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1252 4.95
- B VCR/TV Antenna Splitter.** 300-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1251 4.95
- C VCR/TV Signal Splitter.** 75-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1292 4.95
- D VCR/TV Signal Splitter.** 300-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1293 4.95

Matching Transformer, Terminator, Attenuators, Switches



- E VCR/TV Matching Transformer.** 300-ohm input. 75-ohm output with push-on "F" connector. 15-1253 2.99
- F Terminating Resistors.** "F"-type 1/2-watt, 75 ohms. Terminates unused outputs of booster and distribution amps to prevent interference and "ghosts". 15-1144 Pkg. of 2/99¢
- G Inline 6 dB Attenuator.** 75 ohms. "F" male to "F" female connector. 15-1258 1.99
- H Inline 6 dB Attenuator.** Above with "F" female connectors each end. 15-1257 1.99
- J VCR/TV/FM Switch.** 75-ohm input. Two 75-ohm outputs. Switches one antenna/VCR between two sets. Reversible—will also select from two inputs. 15-1254 4.95

- K VCR/TV/FM Switch.** (Not shown.) Like Fig. J, but has one 300-ohm output which can be switched between two 75-ohm inputs. 15-1250 4.95
- L Pushbutton VCR/TV/FM Switch.** High isolation prevents interference. 75-ohm output and two selectable 75-ohm inputs. Reversible. 15-1249 6.95
- M 3-Position Video Switch.** Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Or reverse it to switch one input between three sets or components. 15-1256 6.95

Compact Booster Amplifier for VHF and Cable TV



NEW FOR '84

995

Provides a 10 dB increase in signal to reduce loss caused by passive splitters and long cable runs. For VHF channels 2-13, FM radio plus mid and super-band cable TV. Not for UHF. Indoor use only. Metal case, 1 3/8 x 2 3/8 x 4 3/4". 15-1118 9.95

Distribution Amplifier for VHF and Cable TV

NEW FOR '84

1295

Boosts VHF channels 2-13, FM, mid and super-band cable to drive up to four TV sets, VCRs or FM receivers. Not for UHF. Indoors only. Close unused outputs with terminating resistors (fig. F, above). 1 3/8 x 2 3/4 x 4 3/4". 15-1119 12.95



Combine Leads With Splitters and Couplers



- M 75-Ohm Hybrid Coupler/Combiner.** Splits a single 75-ohm coax download to two 75-ohm UHF/VHF outputs. Reversible—will also combine outputs of UHF and VHF antennas into one 75-ohm download. "F"-type connectors. Metal case with mounting tabs, grounding screw. 15-1141 3.95
- N 4-Set Hybrid Splitter.** 75 ohms. "F"-type connectors. 15-1142 6.95
- O Indoor/Outdoor Matching Transformer.** Matches 300-ohm antenna to 75-ohm coax download. Reversible—connects 75-ohm coax download to 300-ohm terminals at set. 15-1140 2.79
- P Indoor Transformer/Splitter.** 75-ohm input. Provides three separate 300-ohm outputs: VHF, FM and UHF. Mounts on back of set. 15-1139 4.99
- Q Antenna-Mount Transformer.** Converts 300-ohm output of antenna to match 75-ohm coax download. Mounts on antenna or boom with special clip. 15-1143 3.99

Connectors and Adapters for VCR and TV Use



- Q Male "F" Connector to RCA-Type Phono Plug.** 278-253 1.29
- R Female RCA-Type Jack to Male "F" Connector.** 278-255 1.19
- S Female "F" to RCA-Type Phono Plug.** 278-252 1.19
- T Female "F" Screw-On to Male "F" Push-On.** 278-218 99¢
- U F-81 Coupler.** Female "F" connectors each end. 278-213 89¢
- V Right-Angle "F" Connector.** 278-221 1.69
- W Male "F" to Male "F" Connector.** 278-219 1.39

Coaxial Cable Assemblies for VCR and TV Use



- X 75-Ohm, Male "F" at Each End.**
 - 2-Foot. 15-1533 2.49
 - 4-Foot. White. 15-1529 2.79
 - 8-Foot. 15-1530 3.49
 - 16-Foot. 15-1531 4.79
 - 25-Foot. 15-1534 5.99
- Y 75-Ohm, Male "F" Connector at One End, Motorola-Type Plug at Other.** 8 feet long. 15-1528 3.49
- Z 6-Foot VCR Video/Audio Cable.** RCA-type phono plug at each end. 15-1535 3.99
- AA 6-Ft. VCR/TV Cable.** Push-on "F" connectors each end. 15-1536 2.99

EXPAND THE CAPABILITIES OF YOUR VIDEO SYSTEM

Video Enhancer/Stabilizer/Fader/RF Modulator



**NEW
FOR '84**

99⁹⁵

- Improves Picture Clarity and Increases Contrast While Reducing Video "Noise"
- Eliminates Vertical "Roll and Jitter" From Prerecorded Video Cassettes
- Fade Control Lets You Separate Scenes, Edit Tapes and Dub-Out Commercials

Brings sophisticated "TV studio" features to your fingertips—at an incredible low price! Video enhancer restores high-frequency picture details that are lost during tape duplication. Improves off-the-air and cable TV, too. The enhancer has a built-in, adjustable video noise reduction system. A fader lets you make a smooth, one-second transition from normal picture and sound to a black screen and silence—and vice versa. Video sync is maintained during fade. Stabilizer section has a lock control which stops roll and jitter when playing prerecorded tapes. A delay control allows on-screen comparison of processed and original signal. Video and audio inputs/outputs. RF output on channel 3 or 4. 2 1/4 x 6 1/8 x 10 1/16". U.L. listed. 15-1270 **99.95**

Video Stabilizer and RF Modulator for VCR

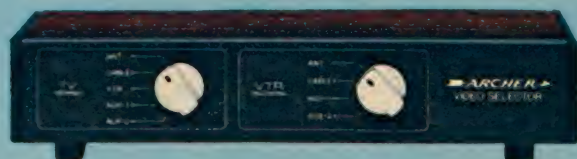


59⁹⁵

- Eliminates "Roll and Jitter" From Prerecorded Tapes
- RF Modulator for Color Processors, Enhancers, Cameras

Connect it between your TV and video cassette recorder to stop annoying picture roll on prerecorded movies. Adjust the lock control until picture steadies, then leave it in that position for the remainder of the tape—no other adjustments required. Will also adapt your TV receiver to accept video and audio signals from cameras, portable VCRs and computers. Channel 3 or 4 output. 2 x 6 1/2 x 6 5/8". U.L. listed. 15-1271 **59.95**

Convenient Video Selector With Five Inputs



39⁹⁵

- A Low-Cost Solution to Video Confusion
- Outputs for Two TV Sets and/or VCRs

Simplifies your system—makes "cable swapping" a thing of the past! Connect a TV antenna, cable TV, video disk player, VCR and computer to this switcher. Then direct the desired signal to a TV for viewing and a VCR for recording, or a second TV. 75-ohm "F" connectors. Simulated walnut finish. 2 x 8 7/8 x 4 1/2". 15-1261 **39.95**

Versatile Color Video Processing System



**NEW
FOR '84**

99⁹⁵

- Enables You to Get Perfect Color From VCRs, Satellite Receivers, Video Disk Players and Computers
- Two Selectable Video Inputs
- Special-Effects Applications

This compact video "magician" lets you correct color imbalances that can not be improved with the controls on your TV. An intensity control adjusts overall brightness. A chroma control lets you compensate for washed-out or oversaturated color. A hue control shifts color "tint"—especially useful with color video cameras. The burst control restores weak or lost color when viewing video tapes or duplicating them. Mode switch has a position for full color processing, a bypass position for comparing processed video and original, and a mono position that enables you to remove the residual color often seen in black-and-white movies. Video input/output. 2 1/4 x 6 1/8 x 10 1/16". U.L. listed. 15-1275 **99.95**

Amplified, Three-Output Video Selector



**NEW
FOR '84**

89⁹⁵

- Three Built-In VHF/UHF Amplifiers
- Organizes and Simplifies Your System

Select from five inputs—antenna, cable TV, VCR, aux 1 and aux 2—without changing cables! Three outputs—main TV, VCR recording and remote TV set. Separate amplifiers maintain isolation and prevent signal loss, especially useful when viewing and recording simultaneously. 2 3/8 x 9 7/8 x 5 1/4". U.L. listed. 15-1262 **89.95**

Cable-TV Block Converter With Fine Tuning

**NEW
FOR '84**

29⁹⁵

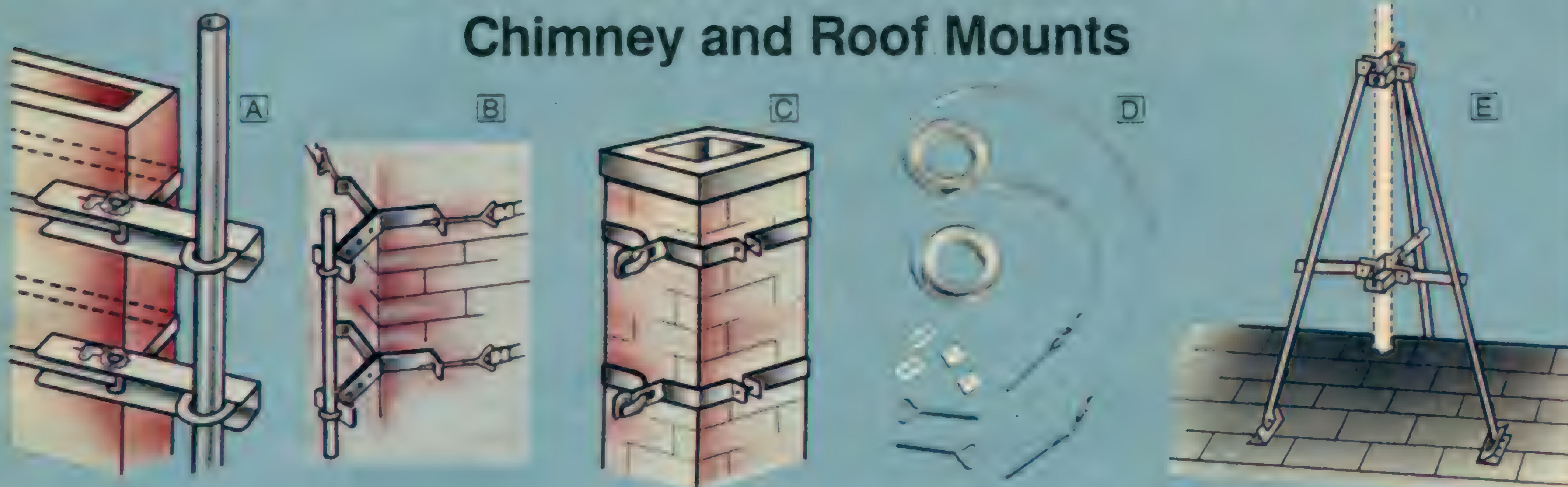
- Converts VHF, Mid, & Superband Cable Channels to UHF
- Restores Remote Control Functions



Lets you record one TV channel while watching another. Also returns channel selection to TV set, VCR or remote control. VHF output for regular cable converter, UHF output for the tuner of TV set and/or VCR. Fine tuning control helps remove interference and permits reception of "offset" channels which may not be receivable on TVs or VCRs with PLL tuners. 2 x 6 1/2 x 3 1/3". U.L. listed. 15-1281 **29.95**

HARDWARE TO MAKE ANTENNA INSTALLATION EASY

Chimney and Roof Mounts



A Chimney Ratchet Mount. Fastens 1" to 1 3/4" mast. Two stainless steel straps, each 3/4" x 18 ft. 15-839 11.49

B Chimney Corner Mounts. Fastens mast with two Y-mounts. Two stainless steel straps, each 5/8" x 10 ft. 15-527 7.69

C "Z" Chimney Mounts. Keeps mast away from chimney, holds it securely. Set of two, each with 5/8" x 10-ft. galvanized steel strap. 15-476 6.49

D Strap Kit. Two 25-ft. stainless steel straps for replacement or add-on use. 15-801 8.49

E 3-Ft. Tripod Mount. Excellent in windy areas. Fits slope of almost any roof. Fully preassembled for easy installation. Accepts mast up to 1 3/4" dia. 15-516 13.95

5-Ft. Heavy-Duty Tripod. 15-517 23.95

Heavy-Duty Masts

16-Gauge Steel With Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1 1/4" dia.

5-Ft. Mast. 15-842 4.49

10-Ft. Mast. 15-843 8.95

Light-Duty Mast

5-Ft. 20-gauge steel, golden enamel finish. For attic or small antenna installations. 15-844 3.99

Telescoping Antenna Masts

- 16 and 18-Gauge Galvanized Steel
- Interlocking Sections
- Clamp and Guy Ring for Support

Low As

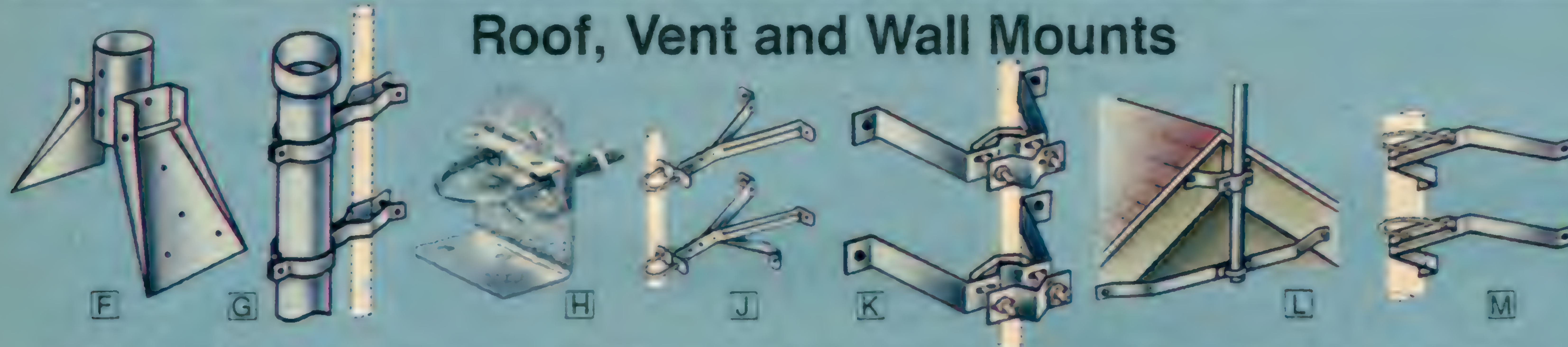
25⁹⁵

Raise your antenna for stronger TV and FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts resist corrosion. Preassembled. Easy to install!

19-Ft. Mast. One 16-gauge, one 18-gauge section. 15-5065 25.95

36-Ft. Mast. One 16-gauge, three 18-gauge sections. 15-5067 45.95

Roof, Vent and Wall Mounts



F Base and Roof Mount. Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy gauge steel. 15-889 4.79

G Vent Pipe Mount. Attach brackets to vent pipe, then clamp mast in place. Ideal alternative when chimney mounting is not possible, or desirable. Easy to attach to 2" to 5" vents. 15-893 3.99

H Mast Anchor (Universal Mount). For mounting of up to 1 1/2" dia. masts. Must be guyed for roof and window mounts. 15-888 1.49

J Pair of 12" Wall Mounts. Secures mast 12" away from wall. Fits up to 1 1/2" dia. masts. 15-885 7.49

K 4" Wall Mounts. Secures mast 4" out from wall. 15-883 2.19

L Eave Mount for Trim Boards or Hanging Rafters. Install your antenna without having to drill brick or masonry! Fits medium-pitched roofs. For masts up to 1 1/2" dia. 15-891 8.99

M 6" Heavy-Duty Wall Mounts. Extends antenna 6" out from wall. Heavy-gauge for a secure installation. For masts up to 2 1/2" dia. 15-890 7.99

Guy Wire and Hardware

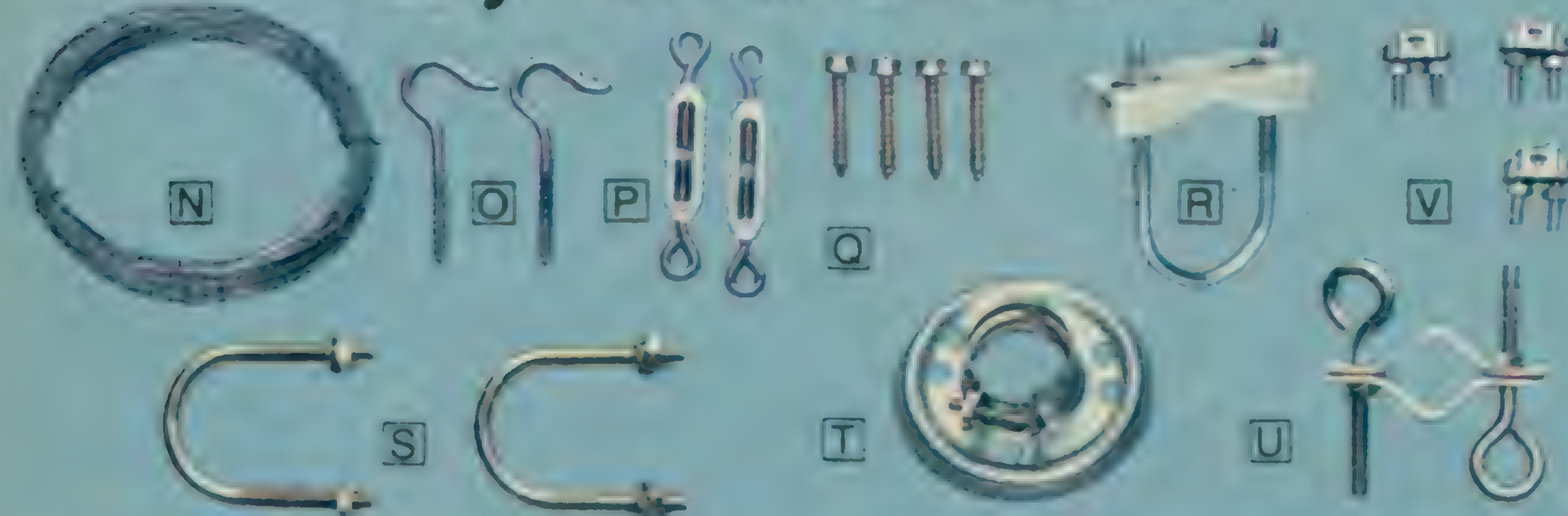


Fig	Description	Cat. No.	Each
N	50-Ft. Galvanized Steel Wire	15-030	1 19
N	100-Ft. Galvanized Steel Wire	15-031	2 19
N	40-Ft. Plastic-Coated Steel Guy Wire	15-037	2 29
O	2 Guy Wire Anchors	15-825	69
P	2 Guy Wire Turnbuckles 6" Open, 4" Closed	15-829	1 49

Fig	Description	Cat. No.	Each
Q	Set of Four Hex Lag Bolts, 1/4 x 2 1/2" for Heavy-Duty Mounting	15-833	.69
R	U-Bolt and Clamp	15-826	79
S	2 U-Bolts With Nuts	15-830	.79
T	1 1/4" Guy Ring and Collar	15-835	1 09
U	Guy Wire Mast Clamp With Bolts	15-827	.89
V	3 Guy Wire Clamps	15-850	99

Stand-Off Insulators



Fig	Description	Cat. No.	Each
W	4-3 1/2" Wood Screw	15-853	69
W	4-6 1/2" Wood Screw	15-854	89
X	2 Masonry Type	15-820	79
Y	2 Nail-In Type	15-821	.69
Z	2 Snap-Grip Type	15-822	69
AA	2 Strap-On Type	15-823	69

Base and Mount



BB Roof Base. Slips through hole in universal mast base. 15-5068 6.99

CC Ground Mount. Sturdy "tap-in" tapered mount for masts up to 36 ft. tall. 15-5069 9.95

DD Guy Wire. 6 strand, 18 gauge. 15-5070 5.95

QUALITY ACCESSORIES TO BOOST YOUR RECEPTION



A VHF/UHF 300-Ohm Foam Cable. Our best! 20-gauge copper, white-foam space web, dense polyethylene jacket.

50 Ft. 15-1174 3.99
100 Ft. 15-1175 7.39

B Economy Foam VHF/UHF Cable. For strong-signal areas. 22-gauge copper, brown polyethylene jacket with blue polyfoam.

50 Ft. 15-1202 3.69
100 Ft. 15-1203 6.69

C Low-Cost Twin Lead. For TV or FM. 24-gauge 4-mil. For indoor/attic use.

Brown Twin Lead, 40 Ft. 15-004 1.59

Clear Twin Lead, 40 Ft. 15-1158 1.59

Standard Twin Lead. 22-gauge 7-strand. For indoor use. 50 Ft. 15-1153 2.49

100 Ft. 15-1154 4.49

D 8-Ft. Twin Lead Cable. Dual spade lugs attach easily from splitter to stereo, or coupler to set. 300 ohms. 15-1532 2.19

E Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-56 connectors.

50 Ft. 15-1526 7.99
100 Ft. 15-1527 13.99

F Aluminum Ground Wire. Low-cost protection against static build-up. 40 ft. of #8 wire. Use with ground rod (15-530) below.

15-035 2.19

G Antenna Discharge Unit. Protects against static build-up. For TV, FM. Solderless connection. 300 ohms. With mounting hardware. U.L. listed. 15-910 2.19

H Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna lead-ins. 15-909 2.19

J Ground Rod. Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion-resistant, highly conductive. 15-530 2.39

75-Ohm Coaxial Wall Plates

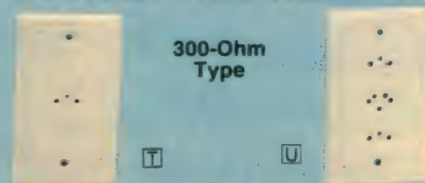


Q Includes mounting hardware. 15-1180 3.49

R Includes 5-wire rotator socket and plug. With mounting hardware. 15-1181 4.49

S Baseboard Mount. With mounting hardware. 15-1182 2.99

TV/Rotor Wire Wall Plates



T Flush Mount. For a single TV/FM lead-in. With mounting bracket, plugs. 15-1186 1.99
Surface Mount. 15-1189 1.79

U With rotor and two flush-type lead-in sockets. With bracket, rotor and TV plugs. 15-1179 2.99

TV and FM Connectors



V Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 Set of 2/99¢

W Surface Mount Universal Socket With Mating Plug. 7/8 x 13/4 x 9/16". 15-1192 99¢

X Polarized Connectors. Prevent polarity reversal when splicing. 15-1199 99¢

Y Plug and Socket Set. UHF/VHF TV or FM. 15-1198 99¢



K TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm lead-in. Set of two. 15-832 99¢

L TV Power Cord. Standard 6-ft. AC power cord. 18-gauge, 2-conductor. U.L. listed. 15-011 1.19

Polarized TV Power Cord. As above, but with polarized plug for extra safety. 15-012 1.19

M Remote On/Off Switch. Control TV or appliances from up to 15 ft. away. 6 amps maximum current. U.L. listed. 15-1160 3.99



N "Wall-Thru" Lead-In Tube. Makes it easy to run lead-ins through walls up to 13" thick. Grommet seals out damaging weather. 15-1200 1.99

O 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coax cable. 20-192 Pkg. of 10/79¢

P Coax Feed-Thru Bushing. Provides neater installations and protects cables.

RG59U. 278-1643 49¢

RG6U. 278-1644 49¢

Realistic Tubes Are LIFETIME® Guaranteed

Tube Type	Each
2AV2	5.69
3A3/3AW3	7.29
3CU3A	9.29
3HM5/3HA5	7.69
6AQ5/6HG5	6.29
6AU6A	6.29
6BK4C/6EL4A	13.49
6BL8/ECF80	5.69
6BQ5/EL84	7.59
6CG7/6FQ7	5.69

Tube Type	Each
6CJ3/6DW4B/6CL3	6.79
6EA8	7.39
6GH8A	5.79
6GY6/6GX6	6.69
6HM5/6HA5	7.69
6HZ6	5.99
6JC6	8.29
6LQ6/6JE6A	14.95
6JS6B	13.49
6KD6	15.29

Tube Type	Each
6KT8	9.99
6LB6	14.59
6L6GC	11.69
6Z10/6J10	11.29
8CG7/8FQ7	5.59
12AU7A/ECC82	5.79
12AX7A/ECC83	6.49
17J28	7.99
33GY7A	11.99
38HE7	13.99

Gold-Clad Contacts
Pins dissipate heat better and reduce resistance for more positive contact.

We guarantee that our custom-made LIFETIME tubes will last the life of your set or we'll replace them FREE—except for physical damage. Tubes listed above are in stock at most locations. And remember, we offer FREE do-it-yourself tube testing at most Radio Shack stores!



We Can Get You Those Hard-to-Find Tubes

2000

Types Available!

Our "Hotline" service can get most tubes delivered to your nearby Radio Shack store quickly! So, if what you need isn't in stock, ask your Radio Shack store Manager to order it. No extra charge!



MICRONTA® MULTITESTERS ARE YOUR BEST VALUE

21-Range, 30,000 Ohms/Volt Multitester



49⁹⁵

- Fused & Overload Protected
- Big 5" Color-Coded Scale

Our best VOM! Features "beep" continuity function and easy access to battery/fuse compartment. DC Volts: 0 to 1000, 7 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0-1-10k-1-10 megohms (center scale 10). dB: -20 to +62 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $6\frac{1}{16} \times 5\frac{7}{16} \times 2\frac{5}{8}$ ". With instruction manual. Requires one 9V, one "C" battery. 22-210 49.95

43-Range, 50,000 Ohms/Volt Multitester

39⁹⁵

- Volts/Amps Range-Doubler
- $4\frac{1}{4}$ " Mirrored Scale

Complete your workbench! Convenient single-knob function switch, plus mirrored scale to prevent misreadings due to parallax. DC Volts: 0 to 1000, 12 ranges. AC Volts: 0 to 1000, 8 ranges. DC Current: 0 to 10 amps, 10 ranges. Resistance: 0 to 20 megohms in five ranges (10 ohms center scale). Decibels: -20 to +62, 8 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $6\frac{1}{16} \times 4\frac{7}{8} \times 2$ ". With instruction manual. Requires one "AA", one 9V battery. 22-204 39.95



27-Range, 30,000 Ohms/Volt Multitester

34⁹⁵

- Single-Knob Function Switch
- Color-Coded 4" Mirrored Scale

Four banana jacks including output jack, polarity-reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0-10 amps, 5 ranges. Resistance: 0 to 10 megohms (10 ohms center scale). dB: -10 to +62, 5 ranges. Accuracy: $\pm 3\%$ AC, $\pm 4\%$ DC. Carrying handle doubles as stand. $6\frac{1}{4} \times 4\frac{1}{2} \times 1\frac{3}{4}$ ". Requires one "AA", one 9V battery. 22-203 34.95



Compact 25-Range, 20,000 Ohms/Volt Folding Multitester

NEW FOR '84 29⁹⁵

90-120-150-180° Hold-Position Hinge

"Big-meter" features include fuse and surge-absorber protection, banana-type probe jacks and 4" 3-color mirrored meter with automatic shunt protection (when folded shut). DC Volts: 0 to 1200, 7 ranges. AC Volts: 0 to 1200, 5 ranges. DC Current: 0-60 μ A, 3-30-300 mA. Resistance: 0-2-20-200k-2 megohms (center scale 24). dB: -20 to +63 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $7\frac{1}{4} \times 4\frac{5}{16} \times 1\frac{1}{4}$ ". Requires "AA" battery. 22-211 29.95

18-Range, 20,000 Ohms/Volt Home or Shop Multitester

19⁹⁵ 3" Meter, Color-Coded And Mirrored Scale

DC Volts: 0 to 1000, 5 ranges. AC Volts: 0 to 1000, 4 ranges. DC Current: 0 to 250 mA, 2 ranges. Resistance: 0 to 2 megohms in three ranges (24 center scale). dB: -20 to +62, 4 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $5\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{7}{16}$ ". Requires "AA" battery. 22-201 19.95



8-Range, 1000 Ohms/Volt Pocket-Sized Multitester

10⁹⁵ Keep One in Your Glove Compartment

Our lowest-priced multitester! 2" meter has mirrored scale to prevent parallax errors. AC and DC Volts: 0-1000, three ranges. Current: 0-150 mA, DC. Resistance: 0 to 100,000 ohms (2500 center scale). $3\frac{1}{2} \times 2\frac{5}{16} \times 1\frac{1}{4}$ ". Requires "AA" battery. 22-027 10.95



Tester Carrying Cases

ONE OF OVER **350** NEW LOW PRICES

4⁹⁵ Meter not included

Enough Room for All The Essentials

Protect your multimeter with a handy carrying case. Holds leads, manuals, fuses and extra batteries.

Use With Tester No.	Cat. No.	Each
22-203/204/191/192	22-153	5.95
22-201/189/027/212	22-154	4.95



RADIO SHACK HAS THE LATEST IN HI-TECH TESTERS

Versatile 5-Range Clamp-On AC Ammeter

**NEW
FOR '84**

4995

- Measures AC Current Without Breaking Line Being Checked
- Insulated and Overload Protected for Added Safety

Easily test AC circuits, motors and more! Ideal for determining energy consumption of household appliances. Clamp jaws allow easy insertion into narrow places or crowded wiring assemblies. Inline Inductive Pickup/Multiplier measures appliances with AC power cord—also provides $\times 10$ readings for low-current measurements. Ammeter has large range selector for one-hand operation, pointer lock switch, mirrored scale. Accuracy: $\pm 3\%$ of full scale value. $4 \times 2 \times 3/8"$. With manual. 22-160 49.95



Includes Inductive Pickup/Multiplier

Test Leads, Kits, and Clips



**NEW
FOR '84**

A 9-Piece Test Lead Set. Finger guards for safety. Includes hook-clips, spade lugs, banana plugs and phone tips. Case included. New Low Price! Was \$6.95 in 1983 Catalog. 270-333 Set/6.49

B Insulated Alligator Clips. For hands-free testing. One red, one black. Probe tips. 270-354 Pair/1.49

C Mini Hook Test Clip Adapter. Adapts standard probes for measurements on high-density PC boards. 270-334 1.79

D Right-Angle Banana Test Leads. Best for getting around corners. 36" leads, one red, one black. 278-713 Pair/2.29

E Mini Clip Test Leads. Clip at one end, banana plug at other. With pintip adapters. One red, one black. 278-1160 Pair/2.99

F Right-Angle Pin tips with 36" Leads. Has $43/4"$ long probes. 278-712 Pair/1.59

G 6-Foot Coiled Test Leads. Probes with banana plugs. One red, one black. Fit most multimeters. 278-750 Pair/3.29

H 36" Leads With Pin Tips. One red, one black. $41/4"$ long probes. 278-705 Pair/1.99

I Banana Plugs With 36" Leads. $41/2"$ long probes. One red, one black. 278-704 Pair/3.19

3 1/2-Digit Autoranging Multimeter

ONE OF OVER NEW LOW PRICES

350

6995

Was \$89.95
in 1983
Catalog

- Range-Hold Function Overrides Autoranging Circuit
- "Beep" Continuity Check

Selects and displays the range automatically! User-selectable "beep" continuity and range-change indicator. Zero-adjust button for low-resistance measurements. Also tests diode and transistor junction performance. Low-battery and over-range indicators. Measures up to 1000 VDC, 500 VAC, 200 mA (both AC and DC), 2 megohms resistance. AC frequency response: 45 Hz to 10 kHz. Accuracy to within ± 1 digit. $63/16 \times 31/2 \times 13/16"$. Includes spare fuse, test leads. Requires two "AA" batteries. 22-192 69.95



3 1/2-Digit, 21-Range Multimeter

ONE OF OVER NEW LOW PRICES

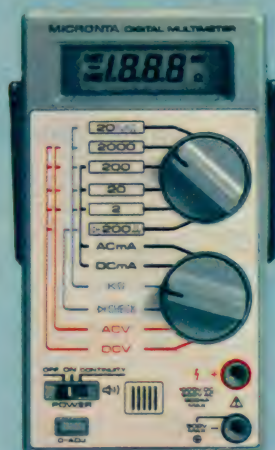
350

5995

Was \$79.95 in 1983 Catalog

- Audible "Beep" Continuity And Range-Change Indicator

Audible continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust for precise low-resistance measurements. "Diode check" allows testing of diodes and transistors. Overload protected. DC Volts: 200mV-2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V). Accurate from 45 Hz to 10 kHz. 200mA, AC and DC. Resistance: 200 ohm-2k-20k-200k-2 megs-20 megs. $63/16 \times 31/2 \times 13/16"$. With spare fuse, test leads. Requires two "AA" batteries. 22-191 59.95



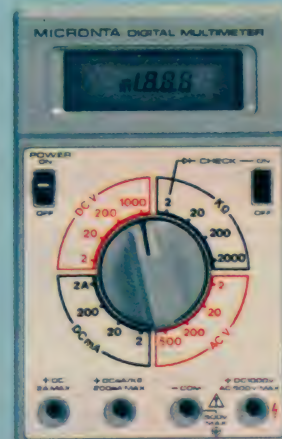
Compact 3 1/2-Digit 16-Range Multimeter

**NEW
FOR '84**

4995

- Fused and Overload Protected
- Diode Check Function for Testing Semiconductors

Single-IC design assures extremely low battery drain and high accuracy. Single knob range switch, full auto-polarity operation. Low-battery and over-range indicators. DC Volts: 2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V), accurate from 45 Hz to 10 kHz. DC Current: 2-20-200mA-2A. Resistance: 2-20-200-2000 kohms. $53/16 \times 31/4 \times 17/16"$. Includes spare fuse, test leads. Requires 9V battery. 22-189 49.95



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Digital Logic Probe With Tone and LED Indicators

NEW
FOR '84

1995



- Tests All Logic Families
- Overload and Polarity Protected

The fast way to "peek inside" TTL, LS and CMOS digital circuits. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees your eyes—really speeds up testing. Minimum detectable pulse width: 50 ns. 36" leads with clips obtain power from tested circuit. Low current drain. With instructions and user's tips.

22-302 19.95

4000-Series CMOS ICs

With Pin-Out
And Specs

Low
As 79¢



Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.79
Quad 2-Input NAND Gate	4011	276-2411	.79
Dual Type D Flip Flop	4013	276-2413	.99
Decade Counter/Divider	4017	276-2417	1.49
Triple 3-Input NAND Gate	4023	276-2423	.99
Inverting Hex Buffer	4049	276-2449	.99
Quad Bilateral Switch	4066	276-2466	.99

TTL Digital ICs

With Pin-Out and Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.59
Hex Inverter	7404	276-1802	.79
Quad 2-Input AND Gate	7408	276-1822	.79
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.19
Div. by 2/5 BCD Counter	7490	276-1808	.89

Handy, Low-Cost Design Aids



A Lettering Guide. Extra-durable molded stencil gives you three sizes of letters and numbers: 1/8", 3/16" and 1/4"-high. 10 x 2 x 1/32". 276-183 2.99

B PC Board Layout Template. A transparent guide with perfectly sized cut-outs for most PC components. Use it to mark your PC boards and you'll drill properly spaced holes every time! 276-179 3.95

C Circuit Symbols Template. A "must" for electronic students, teachers and designers. Durable see-through material has all the latest component and logic symbols, plus two rules. Makes it easy to draw "book-quality" schematics and flow charts. 276-180 3.95

Voltage Regulator ICs



Low As

89¢



Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated non-standard DC voltage is required. All include specifications and data.

LM723. Adjustable: 0 to 40VDC. 150 milliamps maximum. 14-pin DIP. 276-1740 89¢

NEW! TL-317. Adjustable: 1.2 to 32VDC. 100 mA maximum. TO-92 case. Perfect for on-card regulation. 276-1762 1.49

LM317T. NEW LOW PRICE! Adjustable: 1.2 to 37VDC output, 1.5A maximum. TO-220 case. Was \$2.99 in 1983 Catalog. 276-1778 2.79

Fixed Regulators. These easy-to-use three-pin devices have built-in overload protection and thermal shutdown. One lead is input, one is output. When the center (control) lead is grounded, the regulated voltage shown in the chart is available at the output. Maximum input voltage: 35VDC, output current up to 1 amp. TO-220 cases. Heat sink (276-1363 or similar) mounting required for full current rating.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	1.59
7812	+ 12	276-1771	1.59
7815	+ 15	276-1772	1.59
7905	- 5	276-1773	1.59
7912	- 12	276-1774	1.59

Voltage Converter, Sensor



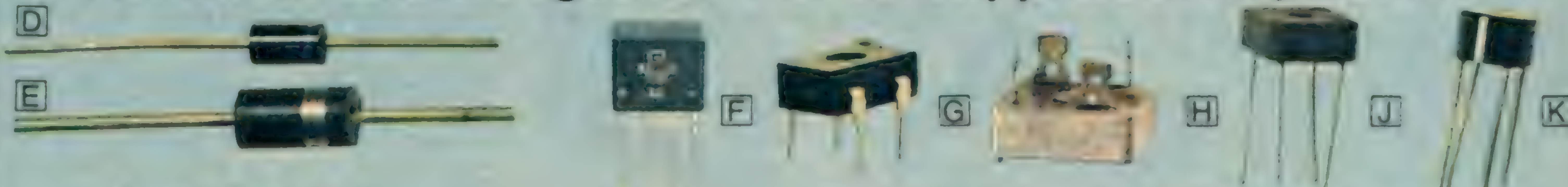
NEW
FOR '84

Low
As 159

ICL7660 Voltage Converter IC. Input: positive 5VDC. Output: - 5VDC, up to 10 mA. A low-cost way to power many memory circuits with one + 12VDC supply. Requires a minimum of external components. 8-pin DIP with data. 276-2335 3.79

MC3423 Overvoltage Sensor IC. Protects sensitive electronic circuitry. Monitors the supply rail and triggers an external LED or crowbar SCR in the event of line transients or loss of regulation. Operates with supply voltages from 4.5 to 40 volts DC. 8-pin DIP with data. 276-1717 1.59

Rectifiers and Bridges for Power Supplies & Replacement



Low
As 49¢ Pkg. of 2

D Micromini 1-Amp Diodes. 30A surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

E 3-Amp "Barrel" Diodes. 300A surge.

Type	PIV	Cat. No.	Pkg. of 2
1N5400	50	276-1141	.79
1N5402	200	276-1143	.89
1N5404	400	276-1144	.99

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just 1/4 x 3/16". 276-1114 Pkg. of 3/1.49

SCRs and Triacs

TO-220
Cases

Low
As 99¢

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

Voltage	Cat. No.	Each
200	276-1067	.99
400	276-1020	1.19

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Voltage	Cat. No.	Each
200	276-1001	1.29
400	276-1000	1.49

Small-Signal Diodes

Pkg. of 10 99¢

1N914/4148. Silicon switching diodes. 75 peak inverse voltage (PIV).

276-1122 Pkg. of 10/99¢

1N34A. General purpose germanium diodes. 60 PIV.

276-1123 Pkg. of 10/99¢

One-Watt Zener Diodes

Pkg. of 2 89¢

Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

MOV Transient Protectors



NEW
FOR '84

Low
As 149

MOVs (metal oxide varistors) are voltage dependent, non-linear devices that protect sensitive loads by diverting potentially damaging voltage transients. Two leads—easy to install.

V8ZA1. For digital and linear circuits operating at 5 volts DC and below. 276-569 1.49

V130LA10A. Guards 120VAC equipment and telecommunications circuits. Less than 35 nanoseconds response time! 276-570 1.59

ARCHER® TRANSISTORS—PERFECT REPLACEMENTS

We Can Replace Over 60,000 Transistor Types!



- Top Quality at Low Prices
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- See Radio Shack Semiconductor Reference Guide (right) for Complete Cross-Reference List

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE	Sylvania	RCA						
	Type GE-	Type ECG-	Type SK-						
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	1.19
MPS222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.79
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	.89
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	.69
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.79
MJE34	34	197	3084	PNP	P	90W	TO-220	244-2027	1.49
2N3053	241	128	3024	NPN	P	1W	TO-92 +	276-2030	.89
MPS3638	82	159	3025	PNP	RF/IF	350mW	TO-92	276-2032	.79
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	2.19
2N4124	20	123AP	3444	NPN	GP	350mW	TO-92	276-2057	.59
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.59
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	.59
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	.59
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	.69
MU4891	—	—	—	Unijunction		360mW	X55	276-2029	.99

Japanese Replacement Transistors

Type	Polarity	Use	Diss.	Case	Cat. No.	Each
2SD313	NPN	AP	30W	TO-220	276-2048	1.79
2SC945	NPN	GP	250mW	TO-92	276-2051	.79

N-Channel Field-Effect Transistors (FETs)

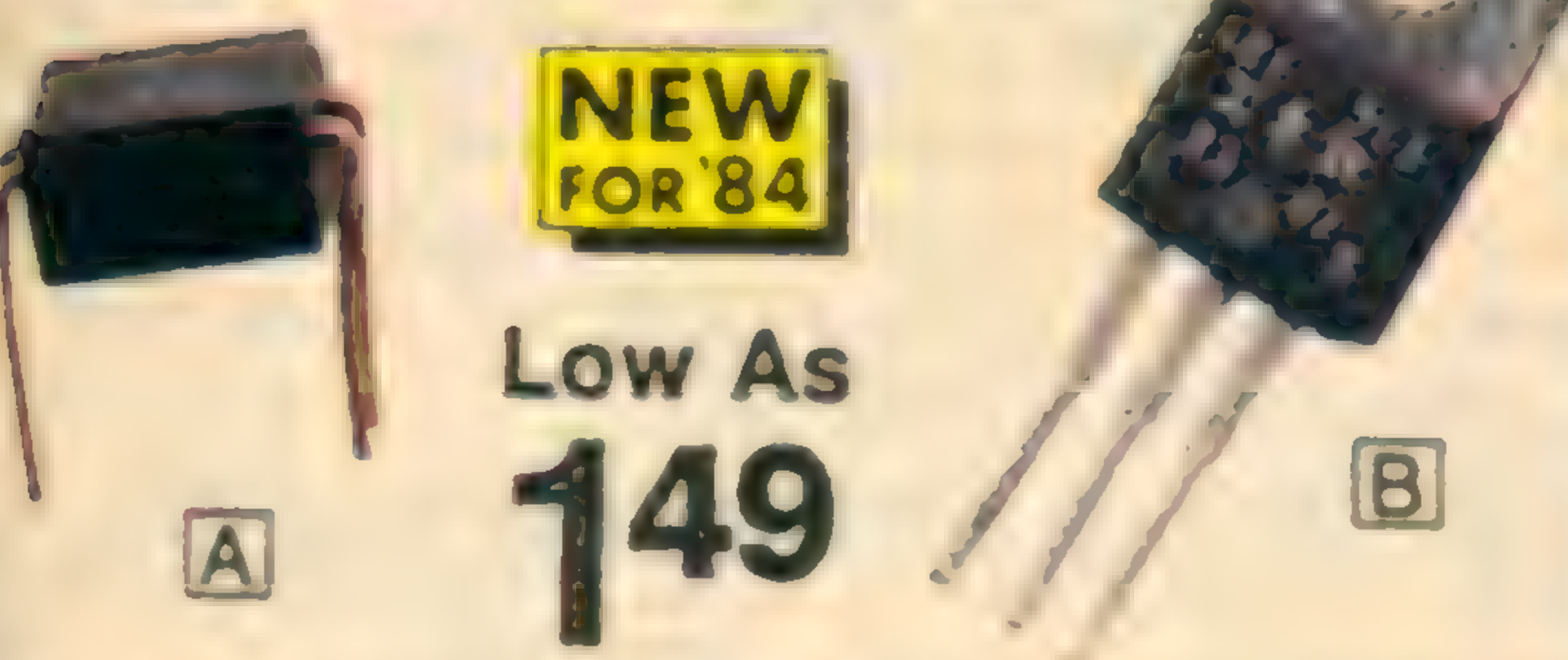
Direct Commercial Equivalent	Use	Diss.	gfs min/max μmhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	.99
MPF102	VHF Amp, Mixer	310mW		TO-92	276-2062	.99

*In most circuits. See product package for exact device specs.
AP = Audio Power Amp
D = Darlington

G = Germanium
GP = Gen. Purpose
HG = High Gain
HV = High Voltage
LL = Low Level

P = Audio Power Amp, Switch
SW = Switch
NOTE: Parameters are at 25°C.

High-Performance Power MOSFETs



FET advantages at high power levels! Require very small input current and offer switching times of 100 ns or less. Practically immune to thermal runaway. Easy to parallel for use in high-power circuits. You'll say, "Incredible little devices!"

A IRFD-123. Rated 60VDC, 400 mA, 1 watt diss. "On" resistance 3.2 ohms. 4-pin DIP—two fit 8-pin socket. 276-2073 1.49

B IRF-511. Ideal for switching-type power supplies, motor controls, power inverters, audio amplifiers, choppers, even for synchronous rectification. Handles up to 60VDC and 3 amps of current. "On" resistance only 0.6 ohms! TO-220 case. 276-2072 2.59

TV Horizontal Output



795
TO-3 Case
Used in Many Late-Model 19" Color TV Sets

2SC1308. Factory-fresh, premium grade NPN transistor replaces ECG-238, GE-38 and SK-3115. With insulator, bushings. 276-2055 7.95

Heat Sink Grease



129
Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 1.29

Dynamic Transistor Checker Tests In or Out of Circuit

1495

Tests PNPs and NPNs, Silicon and Germanium

Makes Go/No-Go tests on small-signal and power types and allows you to match similar transistors. Indicates relative current gain, "opens" and "shorts". Has a front-panel socket plus hook-clip leads for in-circuit tests. Output jacks let you connect to an external meter or scope. 2 3/4 x 4 3/8 x 1 3/16". Requires "AA" battery. 22-025 14.95



Information-Packed Books for Builders, Students and Repair Technicians



NEW FOR '84

Low As **249**

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C **Semiconductor Reference Guide.** 1984 edition. Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack ICs, SCRs, LEDs, diodes and opto devices. Many helpful replacement tips, too. Illustrated. Over 250 pages. 276-4007 3.49

D **Getting Started in Electronics.** By Forrest Mims III. The perfect introduction to the exciting world of electronics. Written in clear, easy-to-understand language by one of America's most popular technical authors. The book encourages "hands-on" experience. Learn the "hows" and "whys" by building your own circuits. 128 pages. 276-5003 2.49

Transistor Sockets and Mounting Hardware



E TO-220 Heatsink. Anodized aluminum. Ideal for PC-board mounted devices in TO-220 cases. 276-1363 79¢

F Greaseless Insulator for TO-220 Devices. Special material with high heat conductivity. Use in place of mica washer between device and heat sink or chassis. No grease needed. 276-1366 Pkg. of 3/79¢

G TO-3 Sockets. For transistors, regulators and other devices in TO-3 cases. 276-029 Pkg. of 2/69¢

H Transistor Sockets. Accept devices with inline or triangle contact pattern, small crystals, too! 276-548 Pkg. of 6/1.69

J Mounting Hardware Sets. For power transistors and other semiconductors. Include screws, insulating washers, solder lug and bushings. For TO-3 cases. 276-1371 Set 49¢ For TO-220 Cases. 276-1373 Set 49¢

K Construction Heat Sinks. For soldering transistors and other heat-sensitive devices without damage. Straight and bent-jaw types. With handy magnetic base. 276-001 Set of 5/2.29



SHACK® LINEAR ICs—HIGH TECH AT LOW PRICES

Voice Synthesizer Set



SPO256 Speech Processor. The easy, low-cost way to get into "solid-state" talk! NMOS LSI device uses a stored program to synthesize speech or complex sounds. Works with a few simple support parts, or use the **SPR16 Serial Speech ROM**, included, for computer interfacing. SPR16 contains 32 "talking clock" statements, 3 melodies. With data. Requires 3.12 MHz crystal—order through your local Shack.

276-1783 Set 12.95

Dual Switched Filter

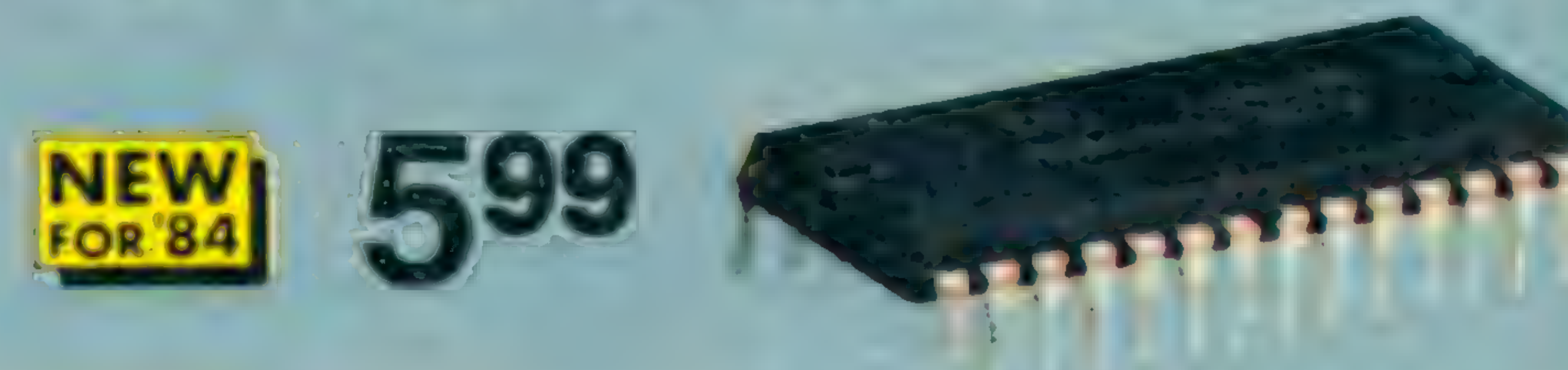


Capacitors Not Required

MF10. Versatile CMOS building block for active filters—eliminates the need for expensive, close-tolerance parts. High performance, yet very easy to use. Requires only six resistors and 150 kHz clock for a 4th order, 1 kHz Butterworth low-pass filter. A complete filter for a full-duplex 300-baud modem needs only two MF10s, 15 resistors, clock and $\pm 5\text{VDC}$! Center frequencies up to 20 kHz. Clock to center frequency ratio accuracy: 6%. Single or split supply. With data.

276-2329 7.95

28 Pins, 28 Built-In Tunes



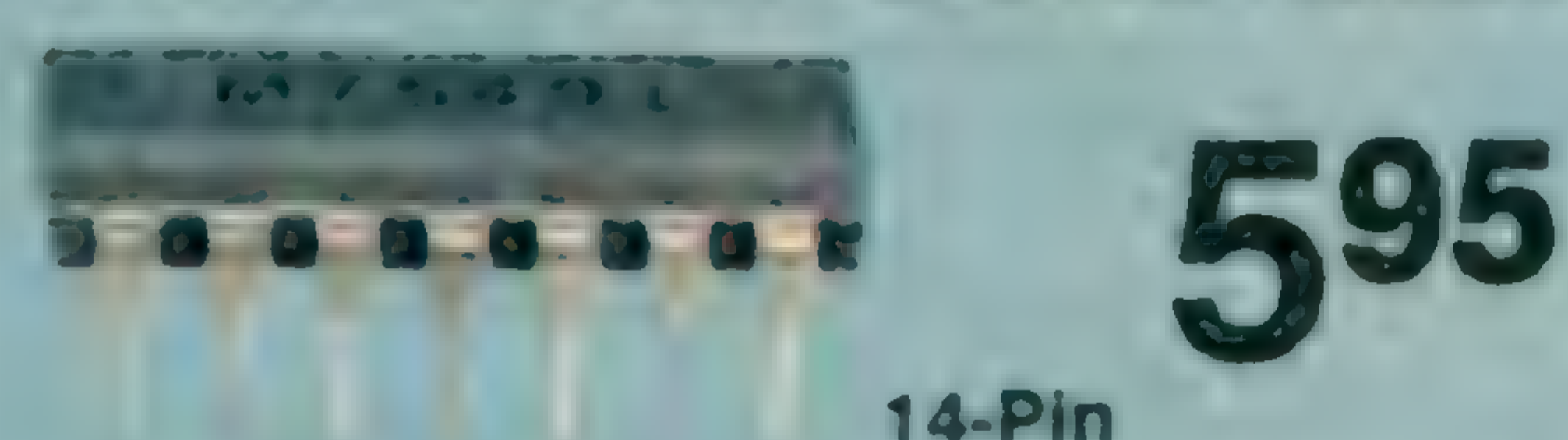
AY-3-1350 Melody Synthesizer. NMOS device is ideal for custom door bells and musical funboxes. Pre-programmed with Toreador, William Tell, Yankee Doodle, Brahms' Lullaby, Blue Danube, Clementine, Star Wars, America, Beethoven's 5th, God Save the Queen, Jingle Bells, Wedding March, O Sole Mio, other pop and classical favorites. Or add a PROM and create your own! 4-door capability when used as doorchime. Adjustable pitch and speed. Auto switch-off at end of tune. With data. 276-1782 5.99

Compressor/Expander



NE572. High-performance dual-channel device for audio. Either channel can be used for dynamic range compression or expansion. Independent control of attack and recovery time with minimum parts. Ideal for hi-fi noise reduction, communications speech processing. 6 to 22VDC, single supply. With data. 276-1781 6.99

Waveform Generator

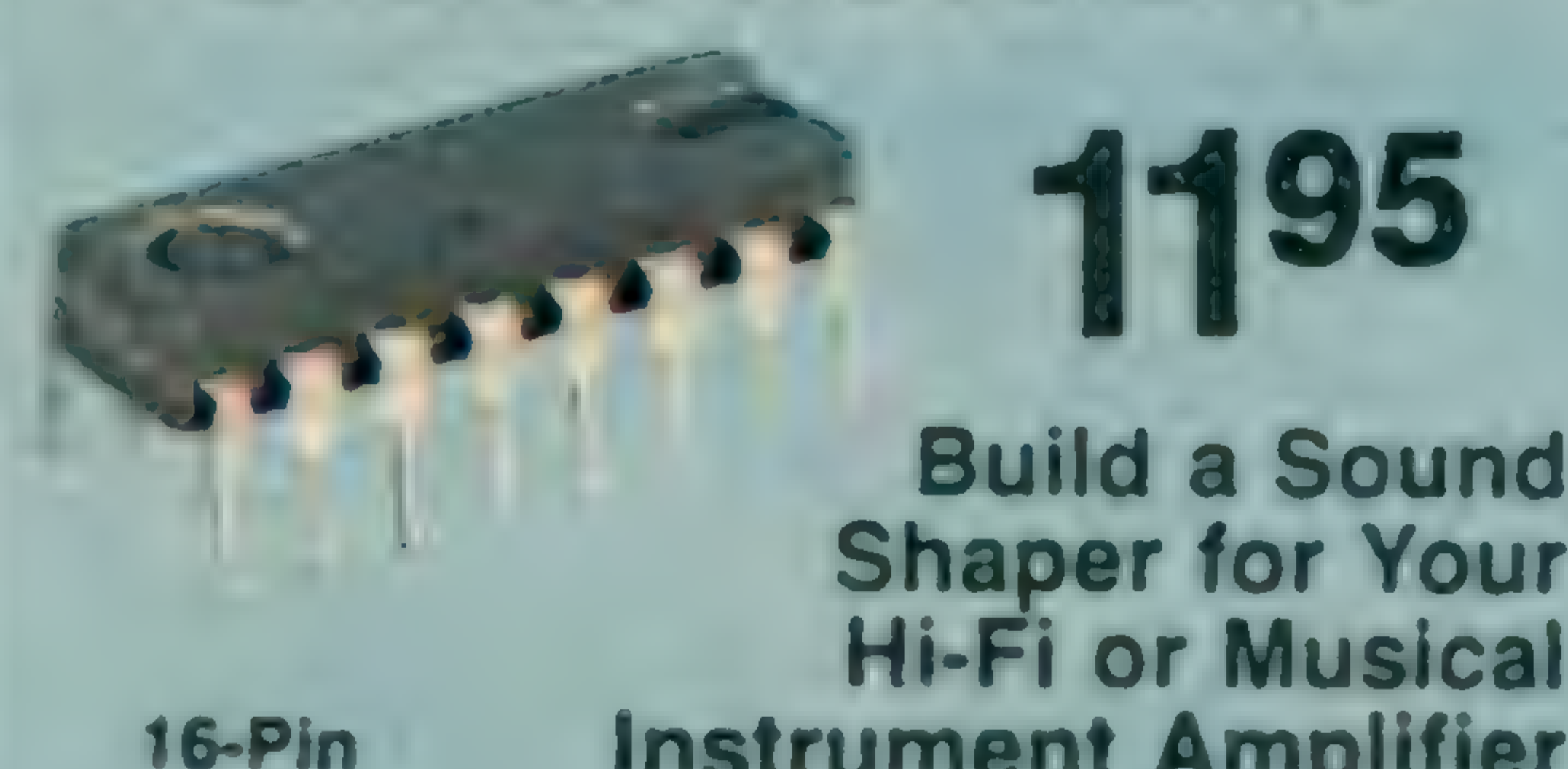


Function Generator in One IC

ICL8038. Produces high-accuracy sine, square, triangle, sawtooth and pulse waveforms with minimum external parts. Simultaneous high-level sine, square, triangle outputs are available, (TTL to 28V). Range is .001 Hz to over 300 kHz using resistors or capacitors. Can be FM'ed and frequency swept with external voltage. Low distortion. Single/split supply.

276-2334 5.95

Stereo Reverb IC



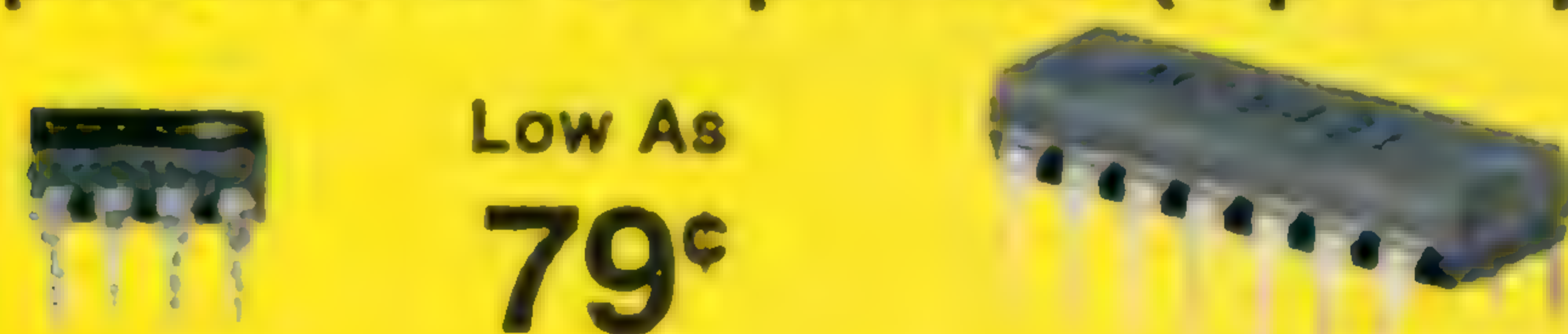
SAD1024 Dual Analog Delay Line. Contains two 512-stage analog shift registers for independent or in-series use. Adds exciting variable reverb, phase shift, echo, chorus or vibrato effects to audio signals. NMOS design, operates from single supply. With data. 276-1761 11.95

Sound Synthesizer



SN94281. This IC, a few inexpensive parts and your imagination can create a variety of exciting sounds—sirens, bells, bomb drops, percussion, musical tones, "arcade" effects and much more. Built-in 125 mW amp drives speaker. 7.5 to 10.5VDC single supply. Heart of a fun project! 276-1767 2.49

Operational Amplifiers (Op Amps)



741. Frequency compensated. Overload protected. Split supply, 5 to 16VDC. 8-pin DIP. 276-007 79¢
1458 Dual Op Amp. Internally compensated. Low power. Split supply, 5-16VDC. 8-pin. 276-038 99¢
LM324 Quad Op Amp. Single 3 to 30VDC or split 1.5 to 15VDC power supply. 14-pin. 276-1711 1.29
BiFET Op Amps. Low-noise, high-impedance JFET inputs. 13V per μS slew rate. Split 4 to 18VDC supply.

Type	DIP	Cat. No.	Each
TL082 (Dual)	8-pin	276-1715	1.89
TL084 (Quad)	14-pin	276-1714	2.99

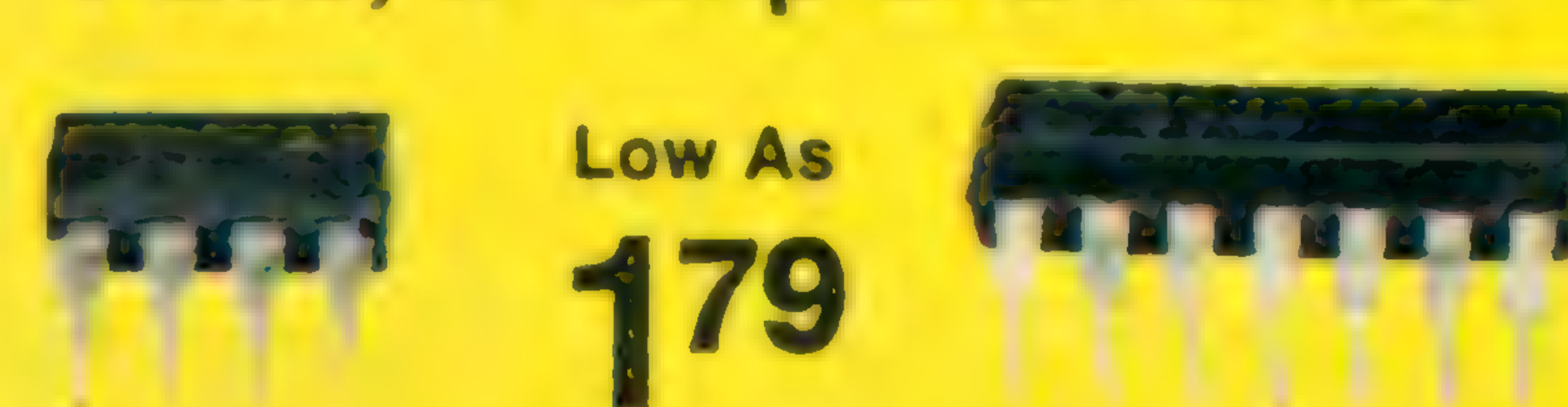
LM3900 Quad Norton Op Amp. Single 4 to 36VDC supply. Unity gain bandwidth: 2.5 MHz. Useful in RC active filters, tachs, more. 14-pin DIP. 276-1713 1.39
LM339 Quad Comparator. Four independent voltage comparators in a 14-pin package. Single 2 to 32V supply. 276-1712 1.49

Audio Power Amplifiers



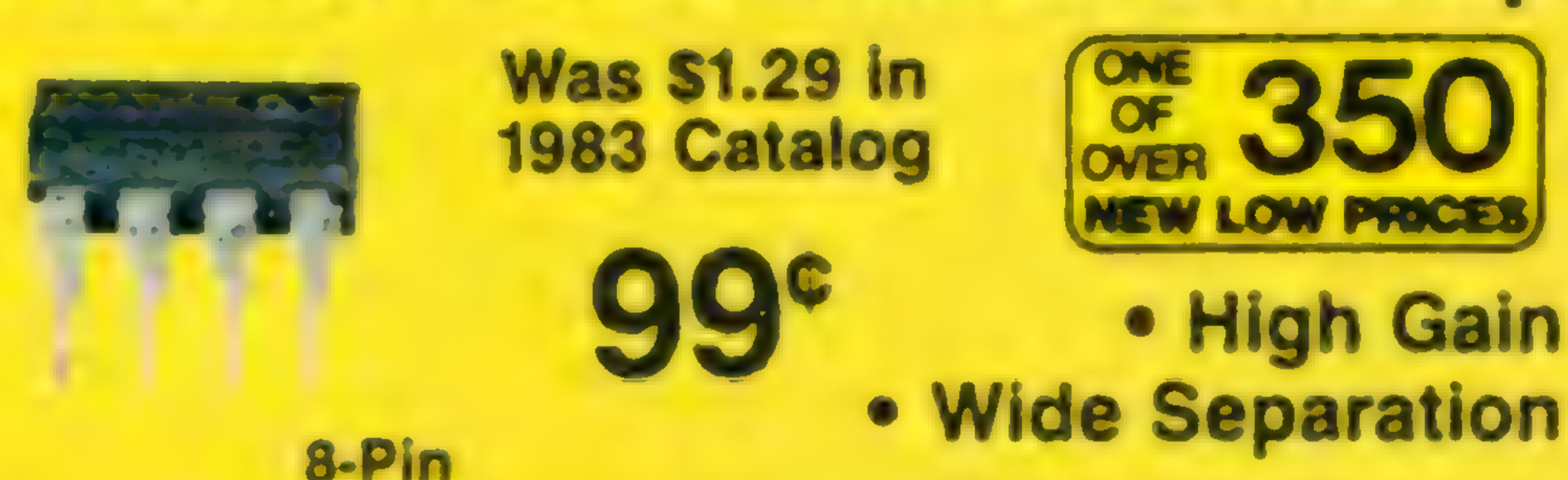
LM383/TDA2002. Designed for autosound but has many other uses. Produces up to 8 watts rms at 13.8VDC. For 4-ohm loads (two 8-ohm speakers paralleled). Built-in thermal shutdown. 5-pin TO-220. Heat sink required. 276-703 3.19
LM386. Low-voltage amplifier for 8-ohm loads requires minimum support parts—ideal for projects and replacement use in battery-powered devices. 400 mW output. Fixed gain: 20, adjusts to 200 by external resistor, capacitor. 4-12VDC. 8-pin DIP. 276-1731 1.09
TA7205AP. Japanese automotive replacement. 5.8-watt output. 9-18VDC. THD: 0.07%. 276-705 2.99
LM380. 2.5-watt amplifier for 8-ohm loads is ideal for TV sound systems, radios, phonographs, intercoms and projects. 150k-ohm input. Features internal thermal limiting. 8-10VDC. 14-pin DIP. 276-706 1.59

Video, IF Amp and FM ICs



MC1330 Video Detector. 3rd IF, detector, video and AFC buffers. High linearity. Outputs: wideband video, AFT, narrow-band reverse video. 10-24VDC. 8-pin with data. 276-1757 2.29
MC1350 Universal IF Amp With AGC. For radio and TV circuits, up to 60 MHz. Typical gain at 45 MHz: 50 dB. 12VDC. 8-pin. 276-1758 1.99
MC1358/CA3065 FM Detector. IF amp, limiter, FM detector, electronic volume attenuator and audio driver in a 14-pin IC. Ideal for TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs. 276-1759 1.79
SFE4.5MB. Ceramic TV-Sound Filter. **NEW!** Pre-tuned. Use in place of 4.5 MHz transformer. Input/output impedance: 1 k-ohm. 272-1304 69¢
CDA4.5MD3 4.5 MHz Ceramic Discriminator. **NEW!** Works great with FM detector IC #276-1759, above. 272-1305 79¢

High-Performance Stereo Preamp



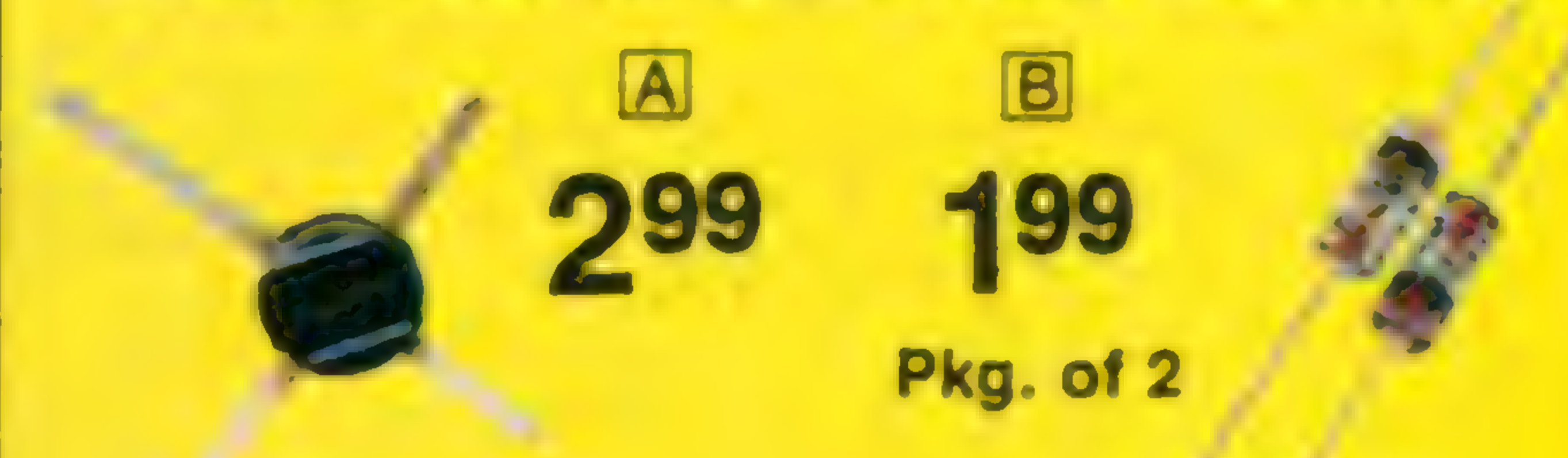
LM387 Low-Noise Stereo Preamplifier. Ideal for custom high-fidelity systems, magnetic cartridge and tape head preamplifiers. Offers high gain (104 dB, open loop) and 60 dB channel separation. 0.8 microvolt total input noise. Operates from single 9 to 30VDC supply. With data. 276-1737 99¢

Phase-Locked Loops



LM567. Tone detector. Operates from 0.01 Hz to 500 kHz. 4.75 to 9VDC. 8-pin. 276-1721 1.99
LM565. For FM SCA and RTTY decoders, modems, IR communicators and more. 14-pin. 276-1720 1.69

Low-Cost Microwave Devices



A MRF-901 NPN Transistor. Useful to beyond 2 GHz. Macro-X case. 300 mW. 276-2044 2.99
B 5082-2835 Schottky Barrier Diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. 276-1124 Pkg. of 2/1.99

33 MORE VALUES IN UP-TO-DATE SOLID-STATE

Telephone Ring Detector



399

**NEW
FOR '84**

8-Pin Phone Line Powered

Available Sept. 30, 1983

TCM1512A. Ideal for remote ringers. It's also a simple and inexpensive way to add a "bell" to surplus, antique or damaged telephones. Detects ring and drives an external piezo element. Output is 800 to 2 kHz with a 10 Hz warble, adjustable with external resistor. On-chip static protection and anti-tap circuitry. With data. 276-1302 3.99

Single-Supply UART



595

40-Pin

For Computer Communications

AY-3-1015. Full-duplex universal transceiver accepts asynchronous serial binary characters and converts to a parallel format, and vice versa. User selectable baud rate, number of data bits per character, stop bits and parity mode. Inputs are directly compatible with DTL, TTL and CMOS. 3-state strobe outputs. Fully double buffered—eliminates need for system synchronization. Low power. 4.75-5.25VDC. With specs and data. 276-1794 5.95

Bipolar and CMOS Timer ICs



Low As
99¢



Bipolar. Resettable time from one microsecond to one hour. Output will source or sink 200 milliamps. Operate from 4.5 to 16VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	.99
556 (Dual)	14-pin	276-1728	1.49

7555 CMOS. Replacement for 555 with very low power consumption (80 microamps). Will source or sink 100 mA. 8-pin DIP. 276-1743 1.99

μA2240 Programmable Timer/Counter. NEW! Provides very accurate timing from microseconds to days. Cascade two for months, even years. Consists of a time-base oscillator, an eight-bit counter, a control flip-flop and a voltage regulator. Frequency of time base is set by external resistor and capacitor and can be synchronized or modulated. A time-base output may be used to monitor frequency or provide pulse to other circuitry. The eight outputs are TTL, DTL and CMOS compatible. 5 to 15VDC operation, single supply. 16-pin DIP with specs and data. 276-1735 2.49

Tone-Dialing Encoder



399

**NEW
FOR '84**

Dependability
At Minimum Cost!

16-Pin

TCM5089. Accurate, stable dual-tone output with low THD—meets industry standards without adjustment. Just add keyboard, resistor, our TV colorburst crystal (#272-1310) and power source to operate. Low-cost way to add tone dialing to rotary phones. Microprocessor addressable, too—usable in an auto-dial modem. Dual/single-tone capability. Phone line or 9VDC power. 276-1301 3.99

Dual Baud Rate IC



895

**NEW
FOR '84**

18-Pin

AY-5-8116. Generates the full spectrum of asynchronous/synchronous data communication frequencies for use with UARTs such as #276-1794, above. On-chip crystal oscillator provides master reference frequency. (Requires 5.0688 or 4.9152 MHz crystal available through Radio Shack). Single 5VDC supply. With specs and data. 276-1795 8.95

IC Inserter/Extractor Set

Safe Way to Handle
8 to 24-Pin DIPs

695



Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices.

276-1574 Set 6.95

LED Flasher



109

Adjustable
Flash Rate

8-Pin

LM3909 LED Flasher. Pulses LEDs with minimum current drain and external parts. Great experimenter's item—has dozens of other uses and you may discover more. Single 1.5 to 6VDC supply. 276-1705 1.09

CdS Photocell

For Security,
Counting, Even
Model Railroad!

129



Cadmium-sulfide cell offers wide resistance range—approximately 3 megohms in darkness to 100 ohms in bright light. 200 milliwatts at 170V, max. 1/2 x 1/4". 276-116 1.29

LEDs With Holders For Panel Mounting



A Chrome Holders. Mount in 1/4" hole. Require 2VDC.

Color	Cat. No.	Pkg. of 2
Red	276-068	1.59
Green	276-069	1.59
Yellow	276-073	1.59

B Snap-In Holders. Mount instantly in 9/16" holes.

Color	Cat. No.	Pkg. of 2
Red	276-018	1.79
Green	276-019	1.89

Light Up Your Projects With LEDs



- Wide Selection of Colors, Sizes and Shapes
- Complete Electrical Specifications Included

T-1 3/4 (Jumbo) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
C	Red	276-041	.69
D	Yellow	276-021	.79
E	Green	276-022	.79

T-1 (Miniature) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
F	Red	276-026	.79
G	Green	276-037	.89

TLR-107 High-Brightness Red LEDs With Fresnel Lens. Mount in 3/16" hole. 2V at 20 mA typical. 276-033 Pkg. of 2/89¢

Red Rectangular LEDs. High brightness. Stack vertically or horizontally. 276-070 Pkg. of 2/99¢

Chrome LED Panel Lamp Holders. Accept standard T-1 3/4 LEDs. 3/32" mounting hole. 276-080 Pkg. of 2/1.19

Infrared Optotriac



199

6-Pin DIP

MOC3010. 1000V isolation, minimum. LED input. Triac output controls 120VAC, 100 mA max. 276-134 1.99

High-Output IR LED

149

880 Nanometer
Near-Visible Emission



XC880-A. Low power consumption, yet emits as much energy as three regular infrared LEDs! 276-143 1.49

Emitter/Detector

199 Pair



LED source rated 20 mA at 1.7VDC. Sensitive phototransistor detector. For short-range IR projects. 276-142 Pair 1.99

Infrared Photo Transistor

89¢

TIL414. High-speed NPN for data links, model train switching, more. 50 mW. T-1 3/4 case.

276-145 89¢

Phototransistor Bargain

89¢

Silicon. Similar to FPT-100. Sensitive, TTL/DTL compatible. 276-130 89¢

Tri-Color LED

T-1 3/4 Size **139**

XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2V at 25 milliamps, typical. 276-035 1.39

LED Bar Graph

399

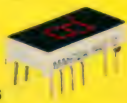


Fits 20-Pin
DIP Socket

MV57164. Convenient way to add metering to audio equipment and many other circuits! Ten high-efficiency red segments. With data. 276-081 3.99

Digital Displays

Low As
159
Each



0.3" Numerals

Left-Hand Decimal. Bright seven-segment LED displays rated 1.7VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-053	1.79
Cathode	276-075	1.59

PUT IT TOGETHER WITH PARTS FROM RADIO SHACK

Wide Selection of Predrilled PC Boards



- A NEW! LSI PC Board.** Accepts ICs with up to 42 pins. Provides 580 holes with solder rings for mounting support components. $3\frac{1}{16} \times 2\frac{3}{4}$ ". Mounting holes at corners. 276-167 2.19
- B NEW! Memory PC Board.** Makes it easy to add more memory! Mounts up to nine 16 or 18-pin ICs. Features four busses plus 72 holes with solder rings for mounting support components. Mounting holes at corners. $6\frac{1}{2} \times 1\frac{1}{2}$ ". 276-184 1.99
- C NEW! Universal PC Board.** Accepts ICs up to 40 pins. Total of 750 indexed holes with solder rings for mounting support components. Two busses, one grounding strip. Mounting holes at corners. $3\frac{3}{8} \times 2\frac{7}{8}$ ". 276-168 1.95
- D Grid Board.** 750 holes with solder rings, indexed with letters and numbers on both sides for easy identification of component pinouts—really speeds wiring. $.100 \times .100$ centers for DIP ICs, sockets and headers. $2\frac{3}{4} \times 3\frac{3}{4}$ ". 276-158 1.95
- E Dual Grid Board.** Dual version of Fig. D. 276-161 2.95
- F IC/LSI Board.** Ideal for projects using LSI ICs up to 40 pins. 750 holes with solder rings, indexed on both sides. DIP centers. $2\frac{13}{16} \times 3\frac{3}{4}$ ". 276-162 1.95
- G Dual IC Board.** Accepts two 6 to 20-pin DIP ICs. Provides four connecting points for each IC pin. $1\frac{3}{4} \times 3\frac{3}{8}$ ". 276-159 1.49
- H Single IC Board.** Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. $2\frac{1}{8} \times 1\frac{1}{2}$ ". 276-024 1.09
- J Multi-Purpose Plug-In Board.** Poly-glass. $4\frac{1}{2} \times 4"$ with $\frac{1}{16}$ " grids. Fits 44-pin socket. 276-152 3.69
- K Three-Voltage Source Plug-In Board.** Like Fig. J, but has three busses. Ideal for op amp circuits. 276-154 3.69

Breadboarding System

Design and debug your circuit on one of the reusable breadboards, then transfer the final version to matching PC board, or record it on a scratchpad sheet for future reference.

L NEW! Modular Breadboard Scratchpads. Printed with identical pattern of 276-170 and 276-174. 3 pads, total of 90 sheets. 276-185 99¢

M Experimenter's PC Board. Layout matches breadboard sockets. 550 pre-drilled connection points. $2\frac{1}{8} \times 5\frac{7}{8} \times 1\frac{1}{8}$ ". 276-170 2.99

N Modular IC Breadboard Socket. Snap together horizontally or vertically. Silver-nickel contacts accept 30 to 22-gauge solid wire. Two bus strips, 550 indexed connection points. $2\frac{1}{8} \times 6"$. 276-174 11.95

O Modular IC Breadboard Socket. Smaller version of Fig. N with 270 indexed connection points. $2\frac{1}{8} \times 3\frac{5}{8}$ ". 276-175 6.95

P NEW! Universal Breadboard. $2\frac{1}{4} \times 6\frac{1}{2}"$ breadboard is mounted on a $7 \times 4"$ "stay-put" steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Total of 640 plug-in tie points. 3 binding posts for power hookup, etc. 276-169 19.95

Making Your Own PC Boards is Easy and Fun!



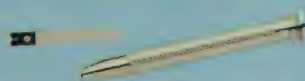
Q PC Board Kit. Two $4\frac{1}{2} \times 3"$ boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, $\frac{1}{16}$ " drill bit and complete instructions. 276-1576 8.95

Extra Pen. 276-1530 1.39

Extra Etching Solution. 16 oz. in plastic bottle. 276-1535 2.49

R Direct-Etch Dry Transfers. So easy! Four transparent sheets have rub-on circles, strips, IC pads and more. Press on to a copper clad board and you're ready to etch. 276-1577 Set of 4/2.59

Wire Wrapping Tool



595

Includes Handy Wire Stripper

Balanced $4\frac{1}{2}"$ all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. 276-1570 5.95

30-Gauge Kynar® Wire

239

50-Ft. Spools



Use with any wrapping tool to make fast, reliable connections.

Color	Cat. No.	50-ft. Spool
Red	278-501	2.39
White	278-502	2.39
Blue	278-503	2.39
Yellow	278-504	2.39

Wrap DIP Sockets



Low As 119 Pkg. of 2

Square 0.25" Posts

Posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.19
14	276-1993	1.29
16	276-1994	1.39

PC Boards and Push-In Terminals

IC-Spacing Perforated Boards

Size	Cat. No.	Each
$4\frac{1}{2} \times 6"$	276-1394	1.89
$2\frac{3}{4} \times 6"$	276-1395	1.49
$6 \times 8"$	276-1396	2.59

S Push-In Terminals. Ideal for breadboarding. Fit Fig. R and other boards with $\frac{3}{64}$ "-dia. holes. 270-1392 Pkg. of 100/2.29

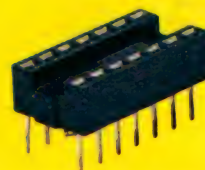
T Solid Copper-Clad Board. Copper clad on one side. No holes, $6 \times 6"$. 276-1587 2.19

U PC Board Assortment. 85 square inches! May include phenolic, glass, double and single-sided boards. 276-1591 1.98

V NEW! Nylon Spacers for PC Boards. Fast and easy way to mount PC boards $\frac{3}{8}"$ from chassis or enclosure. Spacers snap into place—no additional hardware needed. Require 4mm diameter mounting holes in PC board and 4.8mm holes in chassis. 270-1391 Pkg. of 8/69¢



Low-Profile DIP Sockets



Low As 49¢

Quality non-wicking sockets for PC use. Low-resistance contacts.

Type	Cat. No.	Price
8-Pin	276-1995	2/59¢
14-Pin	276-1999	2/89¢
16-Pin	276-1998	2/89¢

Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
24-Pin	276-1989	.79
28-Pin	276-1997	.89
40-Pin	276-1996	.99

16-Pin DIP Jumper



399

Two 16-pin DIP plugs connected by an 18"-long color-coded ribbon cable. 276-1976 3.99

16-Position DIP Header



NEW for 84 169

Mounts resistors, capacitors, jumpers and more for plug-in use in 16-pin DIP sockets. With cover. 276-1980 1.69

IC Static Protector

89¢

5x5" conductive foam mat for workbench or shipping. Protects static-sensitive ICs and other components. 276-2400 89¢

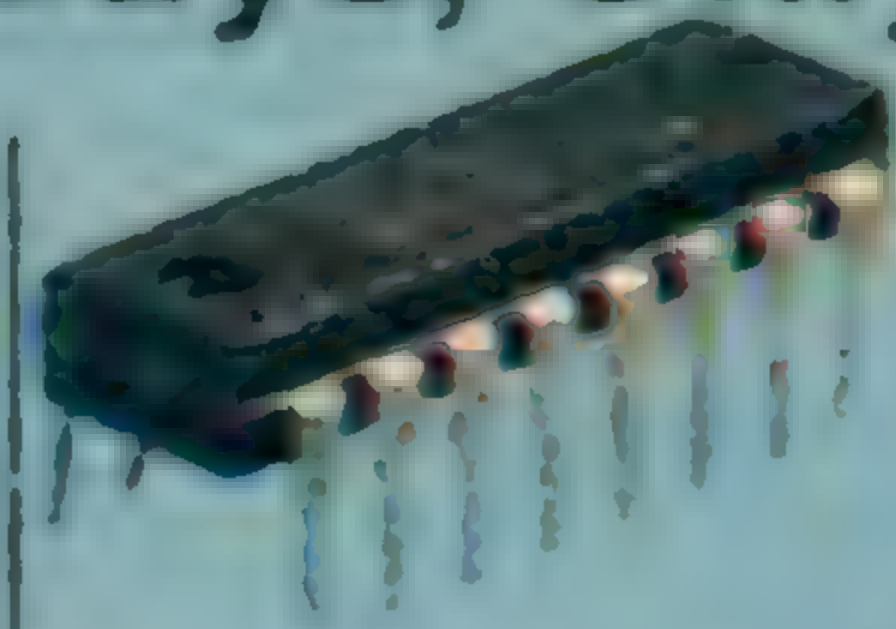
SHACK®—YOUR PLACE TO SAVE ON QUALITY PARTS

Archer-Paks! Super Buys, Only \$1.98 Each

50 Silicon Switching Diodes

1N914/1N4148. Ideal for logic. Switching time low as 4 ns. PRV: 90. Long axial leads. 276-1620 1.98

Eight Digital ICs



Includes one each: 7400, 7408, 7474, and five other digital ICs. 276-1651 1.98

Electrolytic Capacitors

Assorted pack of 20 minis and subminis. 0.1 µF to 47 µF. Ratings to 50WVDC. 272-802 1.98



15 Silicon NPN Transistors



General-purpose amplifier, high-speed, medium power switch. Diss: 600 mW. Similar to type 2N2222. 276-1617 1.98

Six Linear ICs



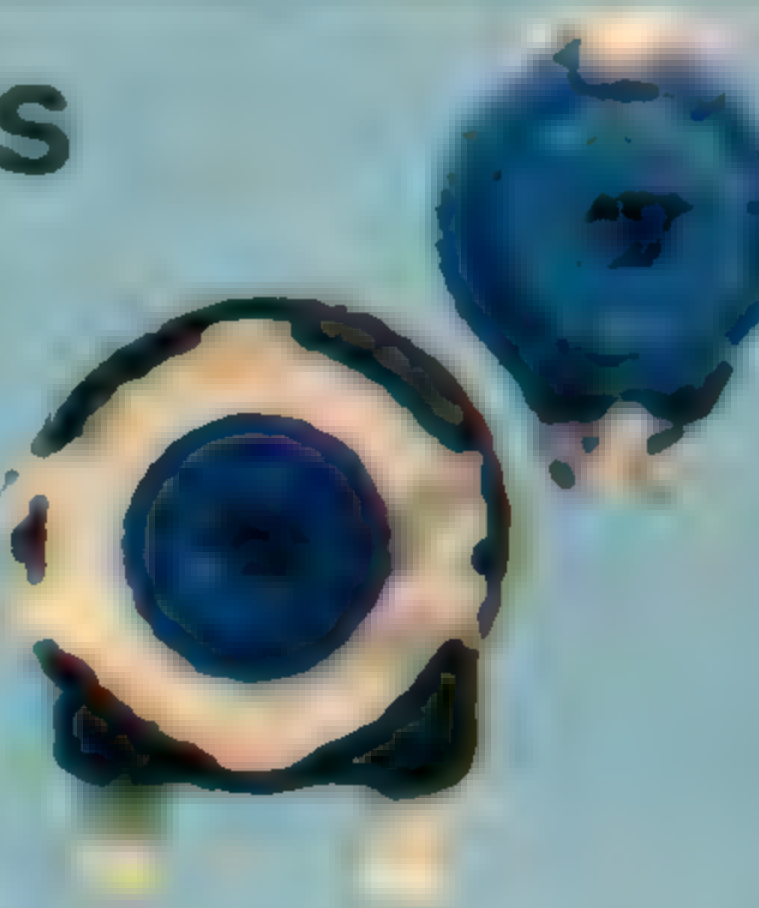
Contains one each: 555 timer, 741 op amp, 1458 dual op amp plus three other linear ICs. 276-1652 1.98

25 Assorted Zener Diodes



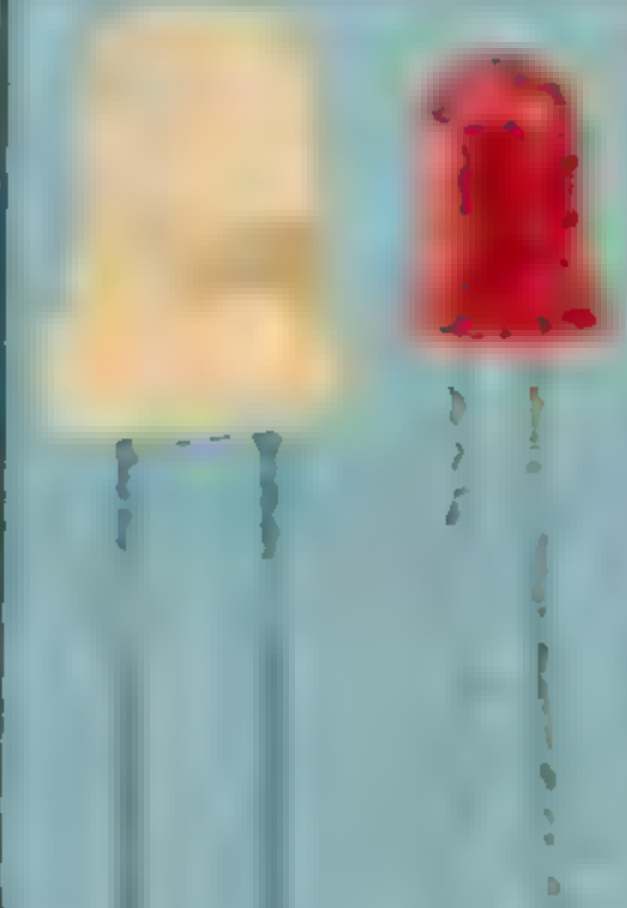
Ratings from 2.8 to 120V. 250 mW to 5 watts. May include double anode types. 276-1629 1.98

12 Potentiometers And Trimmers



Assorted values, styles. Nylon cases. May include wirewounds and multi-turns. 271-1605 ... 1.98

20 Assorted LEDs



May include types MV-5054, MV-50, RL-209 in red, green, amber. IR-emitting and battery indicators. 276-1622 1.98

15 All-Purpose Transistors



Popular NPN small-signal type for amplifying and switching. Diss: 300mW, V_{CEO} 40V. Typical h_{FE} 50. TO-92 case. 276-1603 1.98

15 Amplifying Transistors



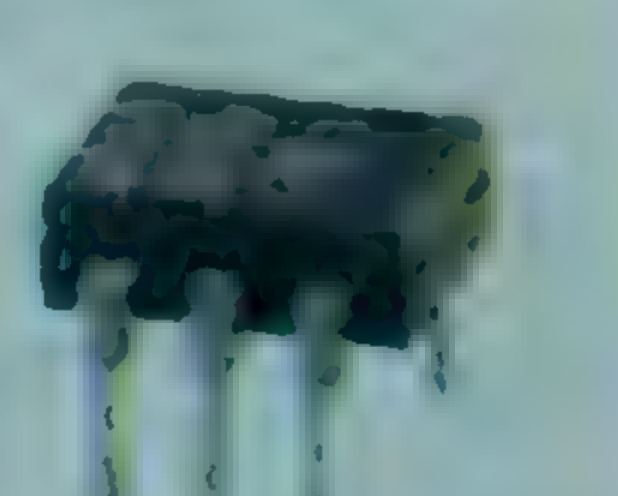
PNP small-signal type—one of the most popular. Diss.: 350 mW. V_{CEO} 40V. Typical h_{FE} 50. TO-92 case. 276-1604 1.98

1N4000-Series Diodes



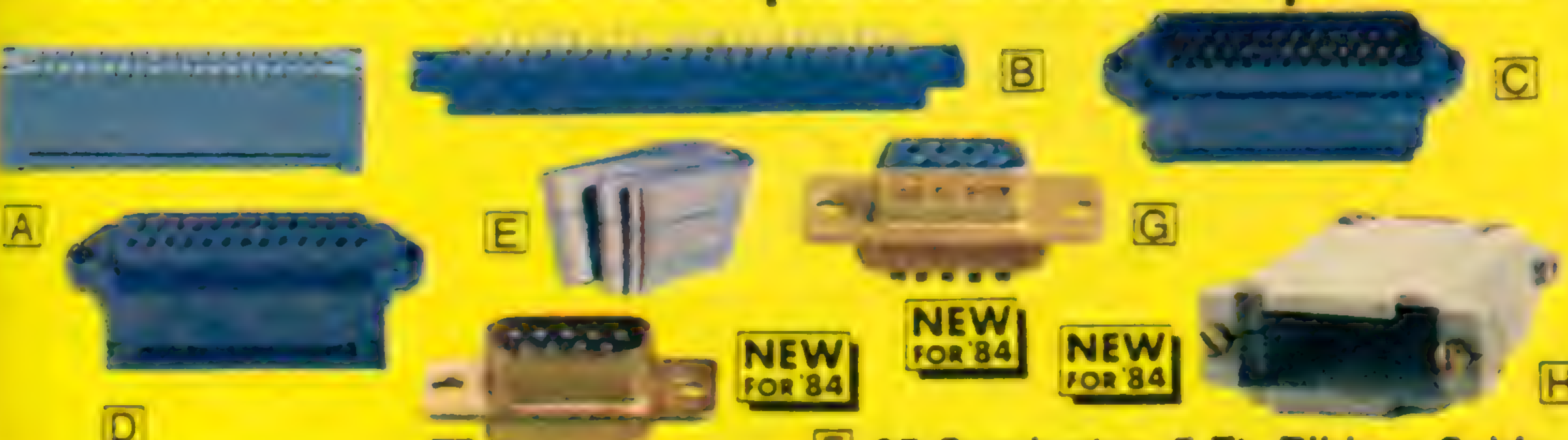
Contains 25 rectifier diodes. Ten 1N4001s, five 1N4002s, five 1N4004s, and five others. 276-1653 1.98

Five Optocouplers



Includes one each: TIL111, MCT2, H11A1, plus two others. 276-1654 1.98

Connectors for Computers and Peripherals



A Card Edge Connectors. Solderless, reusable type for ribbon cables.

Positions	Cat. No.	Each
34	276-1564	4.95
50	276-1566	4.95

B 44-Position Card-Edge Socket. Fits plug-in boards such as Figs. J and K on facing page. 276-1551 2.99

C D-Submini 25 Male. For RS-232C bus. Reusable type. 276-1559 ... 4.99

D D-Submini 25 Female. Ideal for cable extensions. Reusable type. 276-1565 4.99

E 25-Conductor, 5-Ft. Ribbon Cable. 278-772 3.59

Solder D-Submini 25 Connectors. (Not shown).

Male. 276-1547 2.99

Female. 276-1548 3.99

Hood. Fits both. 276-1549 1.99

NEW! 9-Position D-Sub Connectors. Fit joystick ports of many video games and computers. For chassis mounting or making joystick extension cords.

F Plug. 276-1537 1.99

G Socket. 276-1538 2.49

H Hood. Fits both. 276-1539 1.99

Radio Control Modules

Ideal for wireless remote control of toys, models, novelty items and more. These prewired PC modules require just a few low-cost components to complete your system. Provides four functions: Forward, forward with right turn, forward with left turn and reverse. Receiver controls two DC motors directly. Transmitter, 3 1/16 x 1 x 7/16". Receiver, 15/8 x 3 x 3/4". Operate on 27.145 Mhz. Require 9VDC and 1.5VDC. With data. 277-1012 Set, 16.95

NEW FOR '84
16.95
Set



Receiver



Transmitter

High-Performance TV RF Modulator Module 995

UM1285. This mini TV transmitter accepts line-level color or b/w video and sound. It delivers a standard TV signal on VHF channel 3 or 4 through phono jack. Requires 6VDC. With pin-out and data. 277-221 9.95



Ideal for Use With Video Games, Computers, Adapters, Projects

"Doorbell" Electronic Chime



6.95

NEW FOR '84

"Ding-Dong" Output

Three lead device contains an IC and operates on 1.5VDC. Use momentary contact switch (not incl.) to trigger. Current drain: 30 mA. Sound pressure: 75 dB. Approx. 1 1/4 x 1 3/4". Mounting holes: 17/16" apart. 43/4" leads. 273-067 6.95

Loud Piezo Buzzers



Low As
1.49

J **NEW! Pulsing Piezo Buzzer.** Resonant frequency approx. 2800 Hz. Operates on 3 to 28VDC. 12 mA at 12 volts. Sound level 95 dB. Mounting tabs with holes 50 mm apart. Overall: 42mm diameter x 14.5mm high. 273-066 3.59

K **Piezo Buzzer With Leads.** Piercing 4.8 kHz signal really gets attention! 1.5 to 20VDC. Ideal for battery-powered circuits—draws just 12 mA at 9V. 13/8 x 3/8". 273-060 2.99

L **PC Board-Mount Piezo Buzzer.** Perfect for projects and security. Use as replacement or upgrader in clock radios, smoke detectors and more. Requires 3.0-20VDC. 12 milliamps at 12VDC. 17.5 x 4.5mm diameter. 273-065 ... 2.49

M **Piezo Element.** Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 1 1/8" mounting centers. With data. 273-064 1.49

Mini DC Buzzers



NEW FOR '84

1.69
Each

Small enough to hide, loud enough to demand attention! 1 1/16" mounting centers. With leads for easy hookup.

DC Voltage	Cat. No.	Each
1.5-3	273-053	1.69
6	273-054	1.69
12	273-055	1.69

Versatile 12VDC Solenoid



3.99

Continuous Duty Capability

Plunger will pull in 1/8" and hold up to 1/4 pound. Ideal for robotics, model railroads, opening valves, latches and more. Coil: 31 ohms, 430 mA at 12VDC. 1 1/8 x 1 1/16 x 1 1/16" body. 273-251 3.99

DC Buzzer in Metal Case

1.89

Low Current Requirement



Super loud, with low current drain—ideal for battery powered circuits. Approximately 2" diameter by 1 3/4". With hookup lead. 12VDC. 273-051 1.89

AUDIO PLUG ADAPTERS AND XLR CONNECTORS

Adapters for Mini Stereo Headphones



- A** 3-Conductor Mini Plug "Y". Two 1/8" stereo jacks to one 1/8" stereo plug. 274-313 2.69
- B** Stereo "Y"-Adapter. Two RCA-type phono jacks to one stereo 1/8" plug. Jacks are L-R color-coded for playback and recording. 274-369 1.99
- C** Dual Jack "Y"-Adapter. Two 1/8" stereo jacks to 1/4" stereo plug. 274-305 3.49
- D** 1/4" Stereo Phone Jack to 1/8" Stereo Phone Plug. Use standard stereo phones with personal portables. 274-366 2.59

- E** 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-367 2.39
- F** Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-371 2.59
- G** Right-Angle 1/8" Stereo Phone Jack to 1/8" Stereo Phone Plug. Can be used for stereo or mono. 274-372 1.99
- H** 1/8" Stereo Phone Jack to 1/8" Mono Phone Plug. Use "mini" stereo headphones with TVs, portable radios, tape recorders, communications gear. 274-368 1.19

Adapters for Headphones, 1/4" Plugs



- Y** Y-Adapter. Dual RCA-type phono jacks to 1/4" stereo plug. 274-308 2.99
- Z** Stereo Dual Jack Adapter. Share your music! Drive two stereo headphones from a single 1/4" stereo jack. 274-302 2.99
- AA** 1/8" Dual Jack Adapter. Two 1/8" jacks to one 1/8" plug. Mono. 274-310 1.59
- BB** 1/4" Stereo Jack to Mono 1/4" Phone Plug. Use stereo headphones with CBs, ham, shortwave and scanner radios, mono audio equipment. 274-360 1.49
- CC** 1/4" Stereo Jack to 1/8" Mono Phone Plug. 274-361 1.59
- DD** 1/8" Mono Jack to 1/4" Stereo Plug. Permits listening or recording in mono from stereo headphone jack. 274-363 1.59
- EE** Phono Jack to 1/4" Stereo. Combines left and right channels from stereo headphone jack to mono-output RCA-type phono jack. 274-365 1.29

Adapters Make Hookups Easy



- J** Adapter Set. Mono 1/8" mini plug to: 3/32" submini jack, 1/4" phone jack, RCA-type phono jack. 274-359 3-Piece Set, 2.49
- K** Dual Mike/Speaker "Y"-Adapter. Two 1/4" mono phone jacks to 1/4" mono plug. 274-309 2.59
- L** Dual Phono Jack Couplers. Connect two cables with RCA-type phono plugs. 274-1553 Pkg. of 2/1.39
- M** Dual Miniature Jack Coupler. Connects two cables with 1/8" phone plugs. 274-1554 1.29
- N** Phono Plug Adapters. RCA-type phono jack to 2-conductor 1/4" plug. 274-320 Pkg. 2/1.99

- O** Dual 1/4" Coupler. Connects two cables with 1/4" plugs. Stereo or mono. 274-1556 1.79
- P** Mini Phone Plug/Jack Signal Reducer. 1/8" phone jack to 1/8" phone plug. Provides 51 dB attenuation for recording from earphone jack of cassette players, TVs, radios. 274-301 1.99
- Q** RCA-Type Phono Jack to 1/8" Plug Signal Reducer. 40 dB attenuation lets you use a portable recorder's mike input to tape from line-level aux/tape-output sources. 274-300 1.99

Shielded Adapters Cut Hum



- FF** 1/8" Phone Jack to 1/4" Phone Plug. 274-325 1.29
- GG** 1/8" Mini Phone Jack to RCA-Type Plug. 274-326 1.29
- HH** 1/8" Phone Jack to 3/32" Submini Phone Plug. 274-327 1.29
- JJ** 3/32" Submini Phone Jack to 1/8" Phone Plug. 274-328 1.39
- KK** 3-Piece Plug Adapter Set. 1/8" phone jack to RCA-type phono plug, RCA-type phono jack to 3/32" submini phone plug, 1/8" mini phone jack to 1/4" phone plug. 274-046 Set of 3/2.49
- LL** 1/4" Jack to 1/8" Plug. 274-047 1.29
- MM** 1/4" Phone Jack to Phono Plug. Connects mikes, guitars to phono jack. 274-389 Pkg. of 2/2.19
- NN** RCA-Type Phono Jack to 1/8" Plug. 274-330 1.39
- OO** Mike Adapter Plug. Adapts standard 1/4" plug to screw-on type coaxial mike plug. 274-048 1.29
- PP** Shielded Y-Adapter. Two phono jacks connected in parallel to one RCA-type phono plug. 274-303 1.79
- QQ** Shielded Y-Adapter. Two phono jacks in parallel to a 1/4" phone plug. 274-304 1.79
- RR** Stereo Headphone Shieldadapter Plug. 3-conductor 1/8" solder-type mini plug with cable strain-relief. An adapter is included so you can use the plug with 1/4" stereo jacks, too. 274-044 2.79
- SS** Microphone Shieldadapter Plug. 2-conductor version of above with 2-conductor adapter for use with 1/4" jacks. 274-045 2.29

XLR Audio Connectors and Adapters



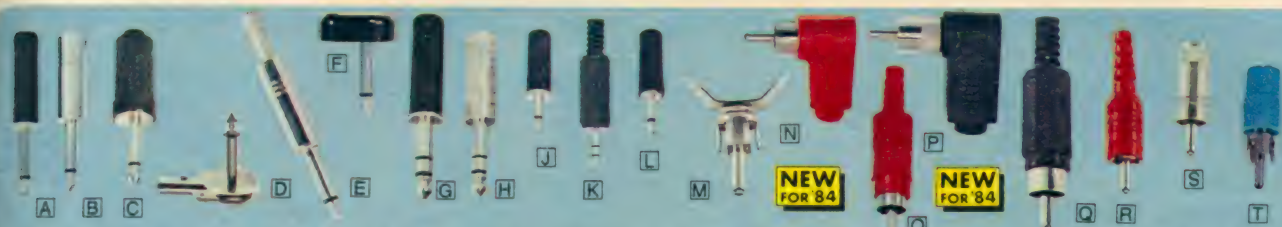
- R** A3M-Type 3-Pin Plug. All metal for durability and shielding. 274-010 3.29
- S** A3F-Type 3-Pin Inline Connector. Mates with A3M, above. Cable strain relief. 274-011 3.29
- T** D3F-Type 3-Pin Panel Jack. Locking type with pushbutton release. Accepts A3M plug. 274-013 3.69
- U** A3F to A3F Coupler. Joins two A3Ms. Pre-wired. 274-014 8.95
- V** A3M to A3M Coupler. Joins two A3Fs. Pre-wired. 274-015 4.95

For "Pro" Audio Applications

- W** Adapter/Transformer. A3F to 1/4" phone plug. Use professional-type mike having A3M connector with amplifier or recorder that has 1/4" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 9.95
- X** Adapter/Transformer. 1/4" jack to A3M plug. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 8.95

See Page 93 for Information on Large-Quantity Discounts

ARCHER® PLUGS & JACKS MAKE THE CONNECTION



Phone And Phono Plugs

A 2-Conductor 1/4" Phone Plugs. Long slim type with 1/2" diameter black bakelite barrel. 274-1536 Pkg. of 2/1.69

B 2-Conductor 1/4" Phone Plugs. Shielded to minimize hum. Slim type with 1/2" diameter metal barrel. 274-1544 Pkg. of 2/2.49

C 2-Conductor 1/4" Phone Plugs. Ribbed plastic 3/4" diameter barrel for sure grip. 274-1539 Pkg. of 2/1.79

D 2-Conductor 1/4" Phone Plugs. All-metal shielded flat right-angle type. For tight spaces. 274-254 Pkg. of 2/1.69

E 2-Conductor 1/4" Phone Plug. Heavy-duty shielded. For "pro" audio applications. Spring strain relief. 274-1545 1.49

F Right-Angle 1/4" Plug. 2-conductor. Black shell. Screw type terminals. 274-256 99¢

G 3-Conductor 1/4" Phone Plugs. Slim line. Black bakelite barrel. For push-to-talk mikes, stereo phones. 274-139 Pkg. of 2/1.59

H 3-Conductor Phone Plug. Shielded all-metal type. 1 5/8" length barrel. Nickel plated. Solder lug terminals. 274-285 1.49

J 2-Conductor 1/8" Miniature Phone Plugs. Solder lug terminals. 1 5/8" long. Black. 274-286 Pkg. of 2/1.29

K 3-Conductor 1/8" Mini Phone Plugs. Solder lug connections. 274-284 Pkg. of 2/1.69

L 2-Conductor 3/32" Submini Phone Plugs. Solder terminals. 1 5/16" long. Sets of 2. Black, 274-289. Red, 274-290. Tan, 274-291 Pkg. of 2/99¢

M Finger-Grip Phono Plugs. Wing-tip construction. 274-343 Pkg. of 10/1.59

N Solderless Right-Angle Phono Plugs. Two red, two black. Ideal for audio. 274-383 Set of 4/1.29

O Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/1.39

P Solderless Right-Angle Phono Plugs for Video. 274-385 Set of 2/1.49

Q Plastic Phono Plugs. Mate with any phono jacks. Screw-together plastic housing. 274-319 4/1.19

R Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/1.29

S Shielded Phono Plugs. Designed for easy soldering. Mate with all RCA-type phono jacks. 274-339 Pkg. of 2/1.29

T Color-Coded Phono Plugs. Plastic insulated covers. Cable clamp for strong connection. Assorted colors. 274-321 Pkg. of 8/1.49



Phone Jacks

U Enclosed 1/4" Jacks. Accepts standard 1/4" phone plugs. Solder lug terminals for positive connections. Versatile, panel or PC mounting. Include mounting hardware for easy installation. 2-Conductor, Open Circuit. 274-280 69¢

3-Conductor, Open Circuit. 274-282 89¢

V Enclosed 1/4" Stereo Phone Jack. Three-conductor. Double closed circuit. Positive connection. With schematic, hardware. 274-277 1.39

W Enclosed 1/8" Miniature Phone Jacks. Closed Circuit. 274-296 Pkg. of 2/1.29

Open Circuit. 274-297 Pkg. of 2/1.19

X 3-Conductor 1/8" Miniature Phone Jacks. Closed Circuit. 274-250 Pkg. of 2/1.69

Open Circuit. 274-249 Pkg. of 2/1.59

Y Mono Inline 1/4" Phone Jacks. Durable black plastic shell. Accepts standard 1/4" phone plug. 274-340 Pkg. of 2/1.69

Z Stereo Inline 1/4" Phone Jacks. Slim black 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals. 274-141 Pkg. of 2/1.59

AA 3-Conductor Inline Shielded Phone Jack. Heavy-duty metal construction for shielding and durability. "Grip" finish. 274-142 1.99

BB 2-Conductor 1/8" Inline Jacks. Accepts 1/8" mini phone plugs. Easy to install. 274-333 Pkg. of 2/1.29

CC 3-Conductor 1/8" Inline Jacks. Use to make extension cords for personal portables. Strain relief shell. 274-274 2/1.59

DD 3-Conductor Closed-Circuit Phone Jack. Double closed circuit type. 274-1240 1.59

EE 1/4" Phone Jacks. Accepts standard 1/4" phone plugs. With hardware for easy installation. 2-Conductor. Includes two open circuit, two closed. 274-324 Set of 4/2.39

2-Conductor, Open Circuit. 274-252 2/1.29

2-Conductor, Closed Circuit. 274-255 2/1.49

3-Conductor, Open Circuit. 274-312 2/1.59

3-Conductor, Closed Circuit. 274-311 2/2.19

FF 2-Conductor 3/32" Subminiature Phone Jacks. Accepts submini phone plugs. Closed circuit. 274-292 Pkg. of 2/1.19

GG 2-Conductor 1/8" Miniature Phone Jacks. Mounts in 1/4" hole. Usable in panels up to 1/8" thick. Easy to install. Open Circuit. 274-251 Pkg. of 3/1.19

Closed Circuit. 274-253 Pkg. of 3/1.39



Top-Quality Phono Jacks

HH Shielded Phono Jack. Fits 1/4" mounting hole. Solder lug terminals. 274-346 Pkg. of 4/1.79

JJ Plastic Inline Phono Jack. Hex-shape. Strain relief, screw-together plastic housing. 274-337 Pkg. of 4/1.19

KK Shielded Inline Phono Jack. Solder lugs. Metal construction prevents hum. 274-338 Pkg. of 2/1.19

LL Dual Phono Jack. Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. Phenolic construction. 274-332 Pkg. of 2/99¢

MM Quad Phono Jack. Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. 274-322 99¢

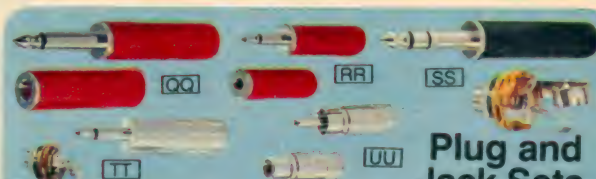
NN Octal Phono Jack. Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. 274-370 1.29

4-Pin Audio Connectors



OO Chassis-Mount Socket. Mates with 4-pin plug. 274-002 99¢

PP Mike Plug. Many communications uses. Cable strain relief. Solder terminals. 274-001 1.59



Plug and Jack Sets

QQ 1/4" Standard. Phone plugs, inline jacks. One set red, one black. Screw terminals. 274-1241 Pkg. of 2 Sets/2.59

RR 1/8" Miniature. One black and one red set of two phone plugs, two inline jacks. 274-283 Pkg. of 2 Sets/1.79

SS 3-Conductor Plug and Jack. 1/4" open-circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware. 274-323 Set/1.79

TT 1/8" Miniature. Set of two shielded phone plugs, two closed circuit jacks. All-metal plug prevents hum pickup. 274-336 Pkg. of 2 Sets/1.69

UU Shielded Phono Plugs, Jacks. Two sets of phono plugs and jacks for audio/video connections. 274-334 Pkg. of 2 Sets/1.69

ENCLOSURES AND KNOBS FOR ALL YOUR PROJECTS

Deluxe Two-Tone Enclosures

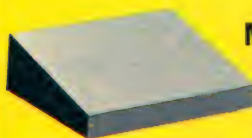


Low As **4.99**

Perfect "tens" in looks and quality! Easy-to-work aluminum. Eggshell white bottoms, black tops. With hardware and rubber feet.

Fig.	Size	Cat. No.	Each
A	1 ¹⁵ / ₁₆ x 4 ¹ / ₄ x 4 ¹ / ₈ "	270-271	4.99
B	1 ¹⁵ / ₁₆ x 8 ¹ / ₄ x 6 ¹ / ₈ "	270-272	5.99
C	3 ¹ / ₁₆ x 4 ¹ / ₄ x 4 ¹ / ₈ "	270-273	6.99
D	3 ¹ / ₁₆ x 8 ¹ / ₄ x 6 ¹ / ₈ "	270-274	7.99

Slope-Front Metal Cabinets



Low As **4.95**

Ideal for test equipment, audio mixers, control panels and more. Steel construction with classic "hammer-tone" finish and scratch-preventing rubber feet.

Height		Width	Depth	Cat. No.	Each
Front	Rear				
1 ³ / ₈	2 ⁷ / ₈	5 ⁷ / ₈	4 ¹ / ₈	270-264	4.95
1 ³ / ₈	2 ³ / ₄	7 ⁷ / ₈	5 ⁷ / ₈	270-265	8.49
1 ¹ / ₄	3 ¹ / ₂	10 ¹⁵ / ₁₆	8	270-266	9.95

Experimenter Boxes

Low As **1.59**

- Aluminum Covers
- Plastic Bodies

Size	Cat. No.	Each
3 ¹ / ₄ x 2 ¹ / ₈ x 1 ¹ / ₈ "	270-230	1.59
4 x 2 ¹ / ₈ x 1 ⁵ / ₈ "	270-231	1.69
5 ¹ / ₁₆ x 2 ⁵ / ₈ x 1 ⁵ / ₈ "	270-233	1.99
6 ¹ / ₄ x 3 ³ / ₄ x 2"	270-627	2.39
7 ³ / ₄ x 4 ³ / ₈ x 2 ³ / ₈ "	270-232	2.99

Metal Cabinets



Low As **2.99**

Steel Tops, Aluminum Chassis, Rubber Feet

Fig.	Size	Cat. No.	Each
E	3 ¹ / ₄ x 2 ¹ / ₈ x 4"	270-251	2.99
F	4 x 2 ³ / ₈ x 6"	270-252	3.79
G	5 ¹ / ₄ x 3 x 5 ⁷ / ₈ "	270-253	4.79

Economy Project Cases

Low As **1.69**

Blue plastic. Internal slots provided to hold PC boards.

Size	Cat. No.	Each
4 x 2 x 1 ³ / ₁₆ "	270-220	1.69
4 x 2 ¹ / ₁₆ x 1 ¹ / ₁₆ "	270-221	1.89
4 ³ / ₄ x 2 ¹ / ₂ x 1 ² / ₅ "	270-222	2.19
6 x 3 ³ / ₁₆ x 1 ⁷ / ₈ "	270-223	2.69
7 ¹ / ₂ x 4 ¹ / ₃ x 2 ¹ / ₅ "	270-224	2.99

Chassis Boxes

Low As **1.69**

Hardware Included

Size	Cat. No.	Each
2 ³ / ₄ x 2 ¹ / ₈ x 1 ⁵ / ₈ "	270-235	1.69
4 x 2 ¹ / ₈ x 1 ⁵ / ₈ "	270-239	1.89
5 ¹ / ₄ x 3 x 2 ¹ / ₈ "	270-238	2.49

Dry Transfers



Four sheets with rub-on letters, symbols, numbers and calibration marks for controls. For plastic and metal surfaces. 270-201 ... 2.59

Knobs for 1/4" Shafts



PQ Deluxe Knobs. Beveled front edge with groove pointer. Aluminum over plastic. Top-quality brass inserts with set-screws. Ideal match for enclosures Figs. A-D.

3/4" Diameter. 274-405 Pkg. of 2/1.79

1 3/8" Diameter. 274-406 Pkg. of 2/2.49

R Top Hat. Finely tooled, modern 2-tone styling. Brass set-screw. 274-423 Pkg. of 2/1.69

S Contemporary. Metal over plastic. 274-424 Pkg. of 2/1.89

T Knurled Grip. Chrome plate, aluminum inlay. With set-screw. 1¹/₂ x 7¹/₈". 0-10 calibrated. 274-392 Pkg. of 3/1.99

U Knurled Grip. 1¹/₈ x 1¹/₁₆". Brass bushings. Single-line pointer. 274-414 Pkg. of 2/1.39

0-10 Calibrated. 274-413 Pkg. of 2/1.39

V Hexagon. 1³/₈ x 5¹/₈". 274-407 Pkg. of 2/1.29

W Molded. Brass inserts. 3/4 x 7¹/₁₆". 274-415 Pkg. of 4/1.59

1 x 5/16". 274-416 Pkg. of 4/1.79

X 3/4" Knurled. 1¹/₂" deep. 274-380 Pkg. of 6/1.99

Pushbutton Terminals



Y NEW! Eight-Position. Spring-action lever release for quick hookup and positive contact. Molded board with mounting holes 1³/₁₆" apart. 274-623 2.69

Z Four-Position Version of Above. Molded board with mounting holes 2³/₈" apart. 274-622 1.69

AA Two-Position Version of Above. Molded board with mounting holes 1⁵/₈" apart. 274-621 1.19

BB Two-Position Push Terminals. Spring-action insertion/release. 2¹/₈ x 3³/₄" board, mounting holes 1³/₈" apart. 274-315 99¢

DIN-Type Connectors



H 2-Pin Polarized Plugs. Ideal for speaker hookup to car stereos and use with European hi-fi gear. Solder-type. 274-008 2/79¢

J 2-Pin Polarized Inline Jacks. Mates with Fig. J. Solder-type. 274-009 2/79¢

K 4-Pin Plug. For audio and microcomputer hookups. 274-007 1.49

L 4-Pin Inline Jack. Mates with Fig. L. Solder-type. 274-018 1.49

M 5-Pin Audio/Video Plug. Shielded to prevent RFI pickup. 274-003 1.49

N 5-Pin Inline Jack. Accepts 3 or 5-pin plugs. Solder terminals. Cable strain relief. Shielded. 274-006 1.49

Q 5-Pin Chassis Socket. Accepts 3 or 5-pin plugs. Solder terminals. 274-005 59¢

Custom Speaker Terminal Plates

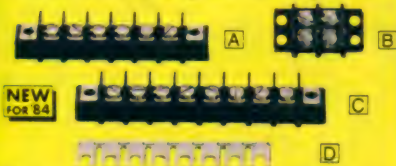


CC Ideal for hi-fi, musical instrument and PA speakers—recessed design lets you mount enclosure close to wall. Spring-action terminals for easy wire hookup, plus centered RCA-type phono jack. Removable plug maintains "seal" of speaker systems. 274-625 1.99

DD Above with 1/4" phone jack in place of phono jack. Includes seal plug. 274-624 1.99

MAKE IT SAFE WITH ARCHER® FUSES & CONNECTORS

Barrier Strips, Jumpers



A Single-Row Barrier Strips

Positions	Cat. No.	Each
2	274-646	.99
4	274-647	1.39
6	274-648	1.79
8	274-649	2.19

B Dual-Row Barrier Strips

Positions	Cat. No.	Price
2	274-656	2 for 1.19
3	274-657	2 for 1.39
4	274-658	1.39 Each
6	274-659	1.49 Each
8	274-670	1.59 Each

C Feedthrough Barrier Strip. Eight screw terminals. Each has a 3/16" solder terminal on rear for connections inside of a chassis or enclosure. 274-653 1.89

D Eight-Position Jumper. Connects all terminals of #274-649, 274-653 or #274-670. Can be cut to connect two or more terminals of any of the barrier strips above. 274-650 1.49

"European" Barriers



Molded plastic terminal blocks with recessed set-screws to prevent accidental contact. Rated 600V, 10 amps per circuit.

E 8-Position. 274-678 1.89

F 12-Position. 274-679 2.29

Multi-Conductor Connectors



Indexed Pins. Plugs fit only one way, and only into matching sockets. 7.5 amps, 500V max.

Male Cord Connectors

Mate with female cord or chassis connector below that have the same number of pins.

Pins	Cat. No.	Each
2	274-201	1.59
4	274-204	1.69
6	274-207	1.89

Female Cord Connectors

Pins	Cat. No.	Each
2	274-202	1.69
4	274-205	1.79
6	274-208	1.99

Chassis-Mount Socket. 2-pin socket mates with #274-201, 274-203 99c

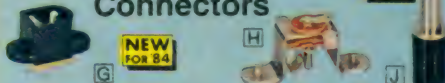
5-Lug Terminal Strips



Only **89c**
Pkg. of 4

Phenolic, 3/8" centers. Center lug for ground-ing. 274-688 Pkg. of 4/89c

Coaxial DC Power Connectors



G Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. With mounting hardware. 5.0mm outside diameter, 2.1mm inside diameter.

274-1565 Pkg. of 2/79c
5.0mm O.D., 2.5mm I.D. 274-1566 2/79c

H Chassis-Mount Jacks. For coax plugs below. Set of two. One is 2.1mm ID, the other is 2.5mm ID. 274-1549 Set, 99c

I Coax Plugs. Fit external power sockets of most battery-operated equipment. Mate with jacks listed above with same ID and OD

O.D.	I.D.	Cat. No.	Pkg. of 2
5.0mm	2.1mm	274-1567	99
5.0mm	2.5mm	274-1568	99
5.5mm	2.1mm	274-1569	99
5.0mm	1.6mm	274-1570	99

Fuse Holders



For 5 x 20mm Fuses:

K Inline Holder. Overall length including leads is 17". 270-1238 79c

L Panel-Mount Holder. Requires 1/2"-diameter mounting hole. 270-362 89c

For 1 1/4 x 1/4" Fuses:

M Four-Position "Fuse Block". Ideal for automotive use—accepts quick-disconnect (auto-type) connectors, or can be soldered. 30 amps per circuit. Glass-filled polyester. U.L. recognized. 270-742 2.19

N Clip-In Chassis-Mount Holder. Ideal for applications within enclosures. Solder terminals. 270-739 Pkg. of 2/79c

O Panel-Mount With Screwdriver Slot. Helps prevent accidental opening. Rated 10 amps at 250VAC. U.L./CSA approved. 270-367 99c

P Panel-Mount. 1 1/2" long, requires 1/2" mounting hole. Solder terminals. 270-364 89c

Q Panel-Mount. Modern-looking square bezel. 1 1/2" long, requires 1/2" mounting hole. 270-365 99c

R Inline. Spring assures positive contact pressure. Tinned wire leads. 270-1281 89c

S Quick-Connect. For 1 1/4 x 1/4" fuses. Solderless, requires 14 to 24-gauge wire. 270-366 99c



Top-Quality Terminal Strips

Cadmium Plated Low As **99c** Pkg. of 2

2 Screw Terminals With RCA-Type Phono Jack. 2 3/8" long. 274-620 Pkg. of 2/1.29

2 Terminals. (Not shown). 1 1/16" long. 274-663 Pkg. of 2/99c

4 Terminals. (Not shown). 2 9/16" long. 274-665 Pkg. of 2/99c

Multi-Conductor Nylon Quick Disconnects

Low As **109** Pair



Durable molded connectors for electronic and automotive use. Polarized to assure proper hookup. Easy to assemble—pins may be crimped or soldered to wire, then inserted into housing. Each circuit rated 8 amps at 125VAC.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

Two-Pin Male/Female Set. 274-222 Pair/99c

Wide Selection of Fuses



T Fast-Acting, 1 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 3
1/4	270-1270	69
1/2	270-1271	69
3/4	270-1272	69
1	270-1273	69
1.5	270-1274	69
2	270-1275	69
2.5	270-1260	69
3	270-1276	69
4	270-1277	69
5	270-1278	69
6	270-1252	69
7	270-1253	69
8	270-1254	69
10	270-1279	69
15	270-1280	69

U SFE-Type Auto Fuse. 1 1/4 x 1/4" dia. 20 amps. 270-1268 Pkg. of 3/69c

V Slow-Blow, 1 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 2
1/2	270-1282	1.19
1	270-1283	1.19
1.5	270-1284	1.19
2	270-1285	1.19
3	270-1286	1.19
4	270-1289	1.19
5	270-1287	1.19
6	270-1291	1.19
7	270-1292	1.19
8	270-1293	1.19

W Fast-Acting Pigtail, 1 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 2
1/4	270-1220	99
1/2	270-1221	99
3/4	270-1222	99
1	270-1223	99
1.5	270-1224	99
2	270-1225	99
2.5	270-1226	99
3	270-1227	99

X Fast-Acting Fuses, 5 x 20mm

Amps	Cat. No.	Pkg. of 2
0.315*	270-1249	89
1/4	270-1241	89
3/4	270-1242	89
1	270-1250	89
1.5	270-1243	89
2	270-1244	89
2.5	270-1245	89
3	270-1246	89
4	270-1247	89
5	270-1248	89

*For RS digital multimeters #22-189, 22-191, 22-192

Y Plastic Auto Fuse. "Blade" type used in many late-model vehicles. 20 amps.

270-1208 Pkg. of 2/89c

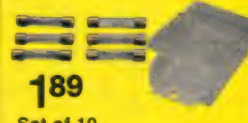
"Blade" Fuse Kit



159
Set of 5

Carry spares! Box with one each of the most-used plastic types: 5, 10, 15, 20, 25 amps. Color-coded. 32 volts. 270-1201 Set 1.59

Auto Fuse Kit



189
Set of 10

Pack of most-used glass types. Two SFE-9. One each: AGC-3, AGC-10. Three each: 14-amp and 20-amp. 270-1262 Set 1.89

COAXIAL CABLE, CONNECTORS AND ADAPTERS

Video and RF Adapters



- A** UG-255/U Adapter. BNC male to SO-239. 278-120 2.39
- B** UG-273/U Adapter. BNC female to PL-259. 278-121 2.39
- C** Coax Plug Adapter. SO-239 to Motorola or RCA-type plug. Fits scanner and communication equipment antenna jacks. 278-208 1.79
- D** Male "F" Connector to RCA-Type Phono Plug. 278-253 1.29
- E** RCA-Type Phono Jack to Male "F" Connector. 278-255 1.19
- F** Female "F" to RCA-Type Phono Plug. 278-252 1.19
- G** Female "F" to BNC Male. 278-251 2.39
- H** BNC Female to RCA-Type Phono Plug. 278-250 1.99
- J** RCA-Type Phono Jack to Male BNC. 278-254 2.19

TV and FM Antenna Connectors



- K** 75-Ohm Coax Connectors. Type F-59. For RG59/U cable used in TV antenna systems. 278-211 Pkg. of 2/89¢
- L** Type F-56. For RG6/U and "Aluminax"-type coaxial cable. 278-214 Pkg. of 2/89¢
- M** Coax "F" Connector. Type CF-59. Long 1/2" crimp ring for greater holding power to RG59/U cable. 278-222 Pkg. 2/99¢
- N** Type CF-56. Above for RG6/U and "Aluminax"-type coax. 278-223 Pkg. of 2/99¢
- O** F-59 Solderless Push-On Connector. Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. For RG59/U cable. 278-215 89¢
- P** F-59 Crimp Rings. For replacement on F-59 connectors. 278-216 Pkg. of 6/49¢
- Q** F-56 Crimp Rings. For replacement on F-56 connectors. 278-217 Pkg. of 6/49¢
- R** F-61 Connectors. Mate with F-59 connector. 278-212 Pkg. of 2/89¢
- S** F-81 Coupler. Couples two F-59 connectors. 278-213 89¢
- T** Female "F" Screw-On to Male "F" Push-On. 278-218 99¢
- U** "F" Male-"F" Male Adapter. 278-219 1.39
- V** Female to Male "F" Right-Angle Adapter. 278-221 1.69
- W** Crimping Tool. For "F" connectors. 278-220 2.99
- X** Heavy-Duty Hex Crimp Tool. For "F" connectors. Ideal for use with #278-222 and #278-223. 278-241 6.99

Wide Selection of RF Connectors and Adapters



- V** SO-239 Chassis Mount. UHF-type, plated finish. 278-201 99¢
- W** Solderless PL-259 Plug. Allows quick, easy hookup without soldering. For RG58/U cable. 278-196 Pkg. of 2/2.09
- X** PL-259 Plug. Standard UHF-type connector, screw-on lock. 278-205 Pkg. of 2/1.99
- Y** UG176/U Reducer. For RG59/U cable. 278-204 Pkg. of 2/99¢
- Z** UG175/U Reducer. For RG58/U cable. 278-206 Pkg. of 2/99¢
- AA** Solderless Push-On PL-259 Plug. Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. 278-190 1.59
- BB** Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact main-

- ains wire impedance. 278-202 1.69
- CC** Inline Splicer for RG59/U. 278-203 1.69
- DD** M-359 Right-Angle Adapter. UHF-type SO-239 to PL-259. 278-199 1.99
- EE** M-358 "T" Adapter. UHF-type. Two SO-239s to one PL-259. 278-198 2.49
- FF** PL-258 Coupler. Joins two PL-259 plugs. Plated finish. 278-1369 1.49
- GG** Double PL-259 Adapter. Joins two SO-239 connectors. For CB and Amateur use with inline TVI filters, SWR meters, antenna switches. Plated finish. 278-192 1.79
- HH** Solderless RCA-Type Plug. Ideal for video use. For RG59/U and RG62/U coaxial cables. 278-189 1.99
- II** Motorola-Type Plugs. Fit car radios, most scanners. 274-711 Pkg. of 2/69¢

BNC CONNECTORS



- HH** Motorola-Type Jacks With Mounting Flange. 274-712 Pkg. of 2/79¢
- II** Motorola-Type Jack With Shielded Inline Cable. 274-713 99¢
- KK** UG-306/U Right-Angle Adapter. BNC male to BNC female. Teflon insulation. 278-116 3.59
- LL** Type 1094 Female BNC. Mounts in single 5/16" hole. 278-105 1.59
- MM** Type UG-88 Male BNC. Solderless. For RG58/U Cable. 278-103 2.29
- NN** For RG59/U and RG62/U. 278-104 2.29
- OO** Female BNC for RG58 Cable. 278-113 2.49
- PP** For RG59/U and RG62 Cable. 278-114 2.49
- QQ** UG-914/U BNC Female to Female Adapter. 278-115 3.19

High-Grade Coaxial Cable



Low As **14¢** Per Foot

Ideal for Amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough outer jacket. All copper conductors.

Ohms	RG Type	O.D. (in.)	Velocity Factor	Loss Per 100 ft.		Capacitance Per Foot	Center Conductor	Cat. No.	Price Per Ft.
52	8/U	.405	66%	50 MHz, 3.0 dB	100 MHz, 3.5 dB	29 pF	13-ga. 7 x 21	278-1325	.32
				200 MHz, 5.0 dB	400 MHz, 8.0 dB				
52	8/M	.242	75%	50 MHz, 2.2 dB	100 MHz, 3.0 dB	26 pF	16-ga. 19 x 29	278-1328	.21
				200 MHz, 4.6 dB	400 MHz, 7.5 dB				
52	58/U	.196	66%	50 MHz, 4.0 dB	100 MHz, 5.3 dB	28 pF	20-ga. solid	276-1326	.16
				200 MHz, 8.0 dB	400 MHz, 12.0 dB				
75	59/U	.242	75%	50 MHz, 1.8 dB	100 MHz, 2.8 dB	15.5 pF	22-ga. solid	278-1327	.16
				200 MHz, 3.9 dB	500 MHz, 7.5 dB				
				700 MHz, 9.1 dB	900 MHz, 10.6 dB				
75	6/U	.266	75%	50 MHz, 1.2 dB	100 MHz, 1.8 dB	18.6 pF	18-ga. solid	278-1324	.14
				200 MHz, 2.7 dB	500 MHz, 5.1 dB				
				700 MHz, 6.7 dB	900 MHz, 8.3 dB				

Coax Cable Stripper

NEW FOR 84

995



Adjustable Blades. For perfect strips with RG-6, RG58, RG8M and RG62 cables, and other cables from 3/16 to 5/16" diameter. 278-240 9.95

CB/Communication Coax Assemblies



- PP** 52-Ohm 20-Ft. RG58/U Cable. PL-259 connector at each end. 278-967 6.39
- QQ** 2-Ft. RG58/U Patch Cable. PL-259 at each end. 278-968 4.29
- RR** 5-Ft. RG8/U Patch Cable. PL-259 at each end. 278-969 5.49
- SS** 50-Ft. RG8/U Cable. PL-259 at each end. 278-970 19.95
- TT** 50-Ft. RG58/U Cable. PL-259 at each end. 278-971 11.95
- UU** 6-Ft. RG58/U Cable. Inline SO-239 to PL-259. 278-975 5.29
- VV** 20-Ft. RG58/U Cable. PL-259 to spade lugs. 278-966 6.39

SHOP RADIO SHACK FOR YOUR WIRE & CABLE NEEDS

2-Conductor Speaker Wire

Low-loss, all-copper construction. Ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

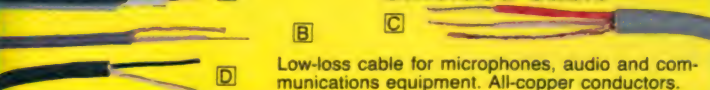
Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 solid	75	278-1509	2.19
Medium Clear	22 stranded	100	278-1385	4.59
Standard Clear	20 stranded	75	278-1388	5.39
Low-Loss Clear	18 stranded	30	278-1602	3.49
Low-Loss Clear	16 stranded	60	278-008	5.99
Low-Loss Clear	16 stranded	50	278-1267	6.49
Standard Brown	20 stranded	100	278-1387	5.99
Heavy-Duty Brown	16 stranded	30	278-1263	3.89
Heavy-Duty Brown	16 stranded	100	278-1384	11.95

Zip Cord Specials

Flexible twin-conductor stranded copper wire, plastic insulation. Colors may vary.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	2.79
Miniature, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.69
2-Conductor, Plastic	18	100	278-1264	7.99

Shielded Cable



Low-loss cable for microphones, audio and communications equipment. All-copper conductors.

Fig.	Description	Feet	Cat. No.	Each
A	Heavy-Duty with braided shield	40	278-751	6.19
A	Single-Conductor with braided shield	20	278-1277	2.39
B	Miniature with spiral wrap shield	30	278-752	3.29
C	2-Conductor with spiral wrap shield	50	278-1275	5.19
C	2-Conductor with spiral wrap shield	20	278-1276	2.69
D	2-Cond. heavy-duty, spiral wrap shield	50	278-1278	21.95

Hook-Up Wire Packs

Single Spools, Single Color

(Colors vary)

Fig.	Type	Ga.	Ft.	Cat. No.	Each
E	Solid	18	60	278-1291	2.19
F	Stranded	18	55	278-1292	2.19
	Solid	20	80	278-1294	2.19
	Stranded	20	75	278-1293	2.19
	Solid	22	100	278-1295	2.19
	Stranded	22	90	278-1296	2.19

3 Spools, 3 Assorted Colors

Type	Ga.	Total Ft.	Cat. No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Solid	20	75	278-1305	2.19
Stranded	20	60	278-1304	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

"Wrap Up" Your Wiring Jobs



G 4" Wire Ties. Nylon, self-locking for permanent attachment. Unbreakable.

278-1632 Pkg. of 30/1.59
5" Ties, 278-1631 Pkg. of 30/1.99
8" Ties, 278-1642 Pkg. of 30/2.99

H Wire-Tie Mounts. Self-adhesive, hold ties to any smooth, non-porous surface. $\frac{3}{4} \times \frac{3}{4}$ "

278-441 Pkg. of 10/1.29

J Heat-Shrinkable Tubing. Fits over wire and shrinks to half its original diameter when heated. $\frac{1}{8}$ to $\frac{1}{2}$ " sizes. U.L. listed.

278-1627 Pkg. of 7/1.59

K Strain Reliefs. One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2 types.

278-1636 Set, 69¢

L Cable Feedthrough Bushing. For neater installation of RG/6 and RG/8M cables.

278-1644 Pkg. of 2/49¢
For RG/59, RG/58 and RG/62 Cables.
278-1643 Pkg. of 2/49¢

M Cable Clips. For cables up to $\frac{3}{8}$ " dia. Self-adhesive. For smooth, non-porous surfaces.

278-1640 Pkg. of 10/1.99

N Coax Clips. Nail to wall, keep cable in place.

For RG58/U. 20-192 Pkg. of 10/79¢
For RG58/U. 20-193 Pkg. of 6/79¢

O Spiral Wrap. Neatly bundles long lengths of wire. 5-ft. clear and 5-ft. black. $\frac{3}{8}$ "

278-1638 2.19

P Universal Cable Clip. Adjusts to wire size, up to $\frac{1}{2}$ " in diameter. Self-adhesive.

278-1639 Pkg. of 10/1.69

Q Connector Sealant Tape. Waterproof, low-loss, non-corrosive. Stays flexible. Ideal for outdoor antenna connections. 5 ft. $\times \frac{1}{2}$ "

278-1645 2.49

R AC Cord Ties. For neater installation of power cords and other cables.

278-1646 Pkg. of 6/49¢

Solid Buss Wire



Fifty Feet. Pretinned 24-gauge copper wire is ideal jumper and ground wiring on perforated boards. Plastic spool.

278-1341 1.49

Magnet Wire

Ideal for Winding Coils



Three different gauges of wire, each on a separate spool. You get 40 ft. of 22-gauge, 75 ft. of 26-gauge, 200 ft. of 30-gauge.

278-1345 Pkg. of 3 Spools/4.49

Test Probe Wire

Flexible plastic insulation, 20-gauge stranded copper. 25 ft. long.

Red. 278-553 1.99

Black. 278-554 1.99

Two-Conductor Bonded

One red and one black. 18-gauge stranded. 25 feet. 278-1250 3.29

Heavy-Duty Wire

12-gauge, 20 feet length.

Black. 278-1280 2.79

Red. 278-1289 2.79

Rainbow Wire Packs



Colors may vary from photo.

Flexible flat cable, color-coded PVC insulation. For low-voltage hookups, intercoms. 24-gauge solid copper.

2-Conductor, 35 ft. 278-755 2.39

4-Conductor, 25 ft. 278-757 2.39

Telephone Cable



S Four-Conductor Cable. 24-ga. solid-copper conductors with standard color-coded insulation.

50 ft. 278-372 5.49

100 ft. 278-373 10.95

Four-Conductor Bulk. Sold by the foot. 278-1320 Price Per Foot/10¢

T Modular Cable. Four conductors, 26-gauge, color-coded insulation.

50 ft. 278-365 5.49

100 ft. 278-366 10.98

Intercom Cable



24-gauge. Color-coded insulation.

Description	Feet	Cat. No.	Each
2-Wire solid	75	278-559	3.29
3-Wire solid	75	278-370	5.49
3-Wire stranded	50	278-371	4.39

Color-Coded Test Leads and Jumper Cables

U Set of 10 Test Lead Cables. 14" long with miniature insulated alligator clips on each end.

278-1156 3.29

V Set of 4 Test Lead Cables. 30" long. Insulated clips at both ends. Red, green, black, yellow.

278-001 3.29

W 8-Pack of 24" Cables. Four colors, clips at each end. 278-1157 3.59

X Set of 6 Heavy-Duty Claw-Type Jumper Cables. 40" long. Insulated clips at both ends.

278-002 3.59



Replacement Cords



X 6-Ft. Line Cord. 18-gauge wire, molded 2-prong AC plug, stripped leads. U.L. listed. 278-1255 79¢

Y 6-Ft. AC Power Cord. Fits most cassette portables, radios. Female receptacle to 2-prong AC plug. U.L. listed. 278-1256 1.59

Z 4-Ft. Polarized, Fused DC Cable. Ideal replacement for auto stereo, CB power cables. Quick-disconnect plug and inline holder for a $1\frac{1}{4} \times \frac{1}{4}$ " fuse (not incl.). 270-025 1.99

Shortwave Antenna Kit and Accessories



AA BB CC Complete Antenna Kit. Everything you need for outdoor hookup. Kit includes 75 feet of copper antenna wire, 50 feet lead-in wire, window feed-thru, insulators and complete instructions. 278-758 8.49

BB Heavy-Duty Antenna Wire. Seven strands of 22-gauge bare copper for maximum strength. 278-1329 65 Ft. for 4.59

CC Insulators. Strong, low-loss material. For antenna or guy wire installation. Style may vary slightly. 270-1518 Pkg. 2/69¢

QUALITY CAPACITORS AT EVERYDAY LOW PRICES

TV-Sound Ceramic Filter



69¢ Pre-Tuned, No Peaking Needed

NEW FOR 84

SFE4.5MB. Ideal for use in projects and adapters. Will also replace 4.5 MHz transformers in many solid-state circuits. 3 dB bandwidth: 105 kHz, typical. Input/output impedance: 1000 ohms. 272-1304 **69¢**

TV-Sound Discriminator

Eliminates Detector Tuning

NEW FOR 84

79¢



CDA4.5MD3 Discriminator. This 4.5 MHz ceramic device replaces differential peak detector coils. Ideal for use with our FM Detector IC #276-1759, page 126. 272-1305 **79¢**

Trimmer Capacitors



5-60 pF. PC mount, mini screwdriver slot adjustment. For IF and low-level RF peaking. 272-1340 **2/1.59**



TV Colorburst Crystal

3.579545 MHz. Precision frequency standard in HC18/W package (wire leads). 272-1310 **1.69**



100 Disc Capacitors

198

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1 µF in working voltages up to 1000 volts. 272-801 **Set of 100/1.98**

Versatile Polyester Capacitors



NEW FOR 84

Low As 59¢

Metalized polyester. IC-spaced pins. High temperature stability—similar to silver mica types. All rated 63 WVDC, 20% tolerance.

µF	Cat. No.	Each
.01	272-110	.59
.1	272-111	.69
.47	272-112	.89

Printed Circuit Capacitors

- Epoxy Coated
 - 50 WVDC
- Low As 59¢**

Miniature size, rugged construction. High stability and dielectric strength. Long radial leads.

Pkg. of 2



µF	Cat. No.	Pkg. of	Price
.01	272-1065	2	.59
.022	272-1066	2	.69
.047	272-1068	2	.69
.1	272-1069	2	.79
.22	272-1070	2	.89

Solid Tantalum Capacitors



16 WVDC Minimum

NEW FOR 84

Low As 49¢

Standard IC pin spacing. 20% tolerance.

µF	Cat. No.	Each
0.1	272-1432	.49
0.47	272-1433	.49
1.0	272-1434	.49
2.2	272-1435	.59
10	272-1436	.69
22	272-1437	.79

Ceramic Disc Capacitors



Low As 39¢ Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating. Hi-Q design for low loss in RF circuits. 50 WVDC minimum.

pF	Cat. No.	Pkg. of 2	µF	Cat. No.	Pkg. of 2
4.7	272-120	.39	.001	272-126	.39
47	272-121	.39	.005	272-130	.39
100	272-123	.39	.01	272-131	.39
220	272-124	.39	.05	272-134	.49
470	272-125	.39	1	272-135	.49

Non-Polarized Electrolytics



Low As 79¢

Ideal for speaker crossover networks and audio filters. Long axial leads. Rated 50 WVDC.

µF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

Metal Film Capacitors



Low As 39¢

Aluminum deposited polyester film for low leakage and high temperature stability. For PC and point-to-point wiring.

µF	Cat. No.	Each	µF	Cat. No.	Each
.01	272-1051	.39	.22	272-1058	.69
.047	272-1052	.49	.47	272-1054	.79
.1	272-1053	.59	1.0	272-1055	.89

Xenon Strobe Tubes



Low As 299

A Replacement Tube. Trigger: 4kV. Anode: 200V minimum. 100,000-flash life. 272-1145 **2.99**

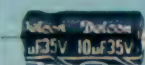
B "Monster" Strobe. Super bright. Trigger: 6kV. Anode: 500V. 5 million-flash life. 272-1147 **3.69**

Electrolytic Capacitors

Axial Type

Low As

PC Type



49¢



Axial Types

µF	WVDC	Cat. No.	Each
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79

µF	WVDC	Cat. No.	Each
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
3300	35	272-1021	2.99
4700	35	272-1022	3.59
470	50	272-1046	1.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

PC-Mount Types

µF	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89

Color-Code Guide



Only 49¢

Pocket-sized and really handy! Gives you fast, direct readout of resistor, capacitor and inductor values in ohms, pF and µH, plus tolerances. RETMA standard. 272-1210 **49¢**

Micronta® Precision Panel Meters for DC Circuits



ONE OF OVER 350 NEW LOW PRICES

795 Each
Were \$8.95 in 1983 Catalog

- 0-15 Volts
- 0-1 Milliamp
- 0-50 Microamps

Know "what's going on" in critical DC circuits! Jeweled D'Arsonval movements. Accuracy. ±5% full scale. 2 3/4" x 2 1/4" x 1 1/4". Require 1 7/8" round mounting holes.

0 to 50 µA DC. 270-1751 **7.95**
0 to 1 mA DC. 270-1752 **7.95**
0 to 15 VDC. 270-1754 **7.95**

WIDE SELECTION OF RESISTORS AND CONTROLS

1/2-Watt, 10% Resistors 19¢ Pkg. of 2

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	270	271-016	3.3k	271-028	47k	271-042
15	271-003	330	271-017	3.9k	271-029	56k	271-043
22	271-005	390	271-018	4.7k	271-030	100k	271-045
33	271-007	470	271-019	5.6k	271-031	150k	271-047
47	271-009	560	271-020	6.8k	271-032	220k	271-049
68	271-010	680	271-021	10k	271-034	270k	271-050
82	271-011	1k	271-023	12k	271-035	470k	271-053
100	271-012	1.2k	271-024	15k	271-036	1 meg	271-059
150	271-013	1.5k	271-025	22k	271-038	2.2 meg	271-061
180	271-014	1.8k	271-026	33k	271-040	10 meg	271-069
220	271-015	2.2k	271-027	39k	271-041	—	—

1/4-Watt, 5% Resistors 39¢ Pkg. of 5

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	1k	271-1321	15k	271-1337	220k	271-1350
100	271-1311	1.8k	271-1324	22k	271-1339	470k	271-1354
150	271-1312	2.2k	271-1325	27k	271-1340	1 meg	271-1356
220	271-1313	3.3k	271-1328	33k	271-1341	10 meg	271-1365
270	271-1314	4.7k	271-1330	47k	271-1342	—	—
330	271-1315	6.8k	271-1333	68k	271-1345	—	—
470	271-1317	10k	271-1335	100k	271-1347	—	—

Potentiometers for Replacement and Projects

A Potentiometers. All have a 1 1/16" long, 1/4" diameter shaft and include hardware for mounting in a 5/16" hole.

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09
Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1 meg	271-211	1.09

B SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers. Rated 3A at 120VAC. With installation instructions. 271-1740 69¢

C 10k Audio Pot With SPDT Switch. Mini size with 1/4" diameter shaft. Fits 5/16" hole. 271-215 1.69

PC Board-Mount Potentiometers

Thumb or screwdriver adjustable. Rated 1/4 watt, 260° rotation.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1 meg	271-229	.59

15-Turn Pot

20,000 Ohms, ±10%. Rated 3/4 watt, 300V max. Screwdriver adjust. For mounting on PC boards. 6.5 x 4.5 x 19.1mm. 271-340 1.49

Wirewound Power Resistors

Low As 49¢ Each Axial Leads

Watts	Ohms	Tolerance	Cat. No.	Price
2	10.0	10%	271-080	2/.69
5	0.47	10%	271-130	Ea. 49¢
10	1.0	10%	271-131	2/.89
10	10.0	10%	271-132	2/.89
10	50.0	10%	271-133	2/.89
10	100.0	10%	271-135	2/.89

Mini PC Pots

49¢ Each 1/8-Watt

Ohms	Cat. No.	Each
1k	271-333	.49
10k	271-335	.49
25k	271-336	.49
100k	271-338	.49
500k	271-339	.49

41-Step Stereo Control

ONE OF OVER 350 NEW LOW PRICES

179

Was \$1.99 in 1983 Catalog

Ideal for new or replacement use. Dual click-stop pots with single 1/2"-long, 1/4"-dia. shaft, 40% loudness contour tap. For 3/16"-diameter mounting hole. 271-1732 ... 1.79

Archer® Deluxe Competition Joystick

NEW FOR '84 1495

True Arcade Quality at An Incredible Low Price!

Suction Cups on Base for Stable One-Hand Operation

One of the finest joysticks available! Features a "jet fighter" contoured handle and two firing buttons—one on handle and another on the base. Grips on base for "two-hand" operation, also. Includes 4-ft. cable with universal 9-position connector. Great replacement or upgrader—fits Atari VCS, Atari 400, 800 and 2600, Sears Video Arcade, Commodore 64 and VIC 20, and more. 6 1/8 x 3 1/2 x 4 5/16". 270-1701 14.95

Atari® is a registered trademark of Atari, Inc. VIC-20 is a registered trademark of Commodore International. Sears Video Arcade is a trademark of Sears Roebuck and Co.

D-Sub Connectors



Low As 199

9-Position. Fit joystick ports of many video games and computers. Ideal for making joystick extension cords.

D Plug. 276-1537	1.99
E Socket. 276-1538	2.49
F Hood. 276-1539	1.99

Extension Cable

NEW FOR '84

1095

- Five Feet Long
- Ready to Plug In

Nine-conductor ribbon cable with male 9-position D-sub connector on one end, female connector on other. Can be used with 270-1701 (above) and many other popular joysticks. 276-1977 10.95

Resistor Kits

350 NEW LOW PRICES

279 Each

Were \$2.99 in 1983 Catalog

1/2-Watt, 10% Tolerance. 100-piece set. 21 popular values from 100 ohms to one meg.

271-306 Set, 2.79

1/4-Watt, 5% Tolerance. 100-piece set with 13 popular values, 10 ohms to 1 meg. 271-308 Set, 2.79

Resistor Networks

NEW FOR '84

89¢

Each IC Pin Spacing

Five separate 1/4-watt resistors in one package.

Ohms	Cat. No.
470	271-095
1000	271-096
10k	271-097

Joystick Pot

ONE OF OVER 350 NEW LOW PRICES

449

Was \$4.95 In 1983 Catalog

Build Your Own Joystick Control



Dual 100,000-ohm linear taper potentiometers controlled by a single 1"-long shaft. Body: 1 7/16", square. With mounting screws. 271-1705 4.49

Ohm's Law Calculator



49¢ Pocket-Sized

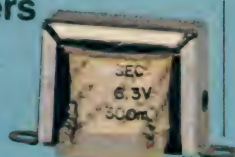
Easy to use—provides quick answers to Ohm's law problems. Flip-side has scales for parallel resistance calculations. 271-1211 49¢

WE HAVE THE TRANSFORMERS AND CLIPS YOU NEED

High-Quality Power Transformers

Ideal for Power Supplies and Projects

Eleven popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have steel frames for chassis mounting. All primaries are for 120VAC, 60 Hz.



Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	2 1/16 x 1 x 1 3/16	273-1384	2.59
Miniature	12.6	300 mA	2 1/16 x 1 x 1 3/16	273-1385	2.79
Miniature	25.2	300 mA	2 3/8 x 1 1/8 x 1 3/8	273-1386	2.99
Miniature *	12.6 CT	450 mA	1 7/16 x 2 3/8 x 1 1/2	273-1365	3.59
Miniature *	25.2 CT	450 mA	1 1/16 x 2 1/8 x 1 1/16	273-1366	3.99
Standard	6.3	1.2A	1 1/4 x 1 1/8 x 1 9/16	273-050	3.79
Standard	12.6 CT	1.2A	2 x 2 3/8 x 1 1/2	273-1505	3.99
Standard	25.2	1.2A	2 x 1 5/16 x 3 3/16	273-1480	4.39
Heavy-Duty	12.6 CT	3.0A	2 3/4 x 2 1/4 x 2	273-1511	5.99
Heavy-Duty	25.2 CT	2.0A	2 3/4 x 2 1/4 x 2	273-1512	6.29
Heavy-Duty	18.0 CT	2.0A	2 3/4 x 2 1/4 x 2	273-1515	6.99

CT = Center Tap. * = U.L. Recognized. Metal shield, wire leads.

Ferrite Beads

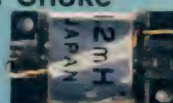
NEW for 84 89¢ Pkg. of 10

For EMI/RFI Reduction

Install over insulated wires or on the leads of transistors, resistors, capacitors to reduce reception or transmission of radio frequency interference. Diameter of hole: 0.7mm. BF40 material. Initial AC permeability: 750. 273-098 ... Pkg. of 10/89¢

Speaker Choke

NEW for 84 299



1.2 Millihenry. For speaker crossover networks—attenuates above 1 kHz. Handles up to 80 watts continuous. Compact—can be installed in small enclosures. Distortion less than 0.08%. Approximately 1 x 1 5/8 x 1", 2" leads. 273-099 ... 2.99

Miniature Audio Output Transformer

129



1000-ohm center-tapped primary. 8-ohm secondary. For single-ended or push-pull output circuitry. 3/4 x 5/8 x 5/8". Color-coded leads. 273-1380 ... 1.29

DC Motor Bargains

Only 99¢ Pkg. of 4



For models, robots, hobby projects and more. Permanently lubricated bearing. Shaft has plastic gear. 1.5 to 6VDC. Overall length 1 3/8". 273-222 ... Pkg. of 4/99¢

Quiet 120VAC Cooling Fan



1595

Ideal for Computers, Power Supplies, Ham & Hi-Fi Equipment

Cools components to extend life and boost performance! Delivers up to 65 CFM. Features diecast venturi, high efficiency blades, leads for easy hookup. For 120VAC. 11 watts. U.L. recognized. 4 1/16 x 4 1/16 x 2 1/2". 273-241 ... 15.95

Mini Audio Amplifier With Built-In Speaker



• High-Gain IC Design
• 200-Milliwatt Output

1195

Compact, multi-purpose amplifier with volume control, on/off switch. Two 1/8" phone jacks—one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 mV input sensitivity. 2 1/2 x 3 7/8 x 1 3/4". Requires 9V battery. 277-1008 ... 11.95

Big Selection of Test Clips, Probes and Plugs



A 5" Solderless Test Prods. 1/2"-long tip fits standard phone tip jacks. One red, one black. 274-720 ... Pkg. of 2/1.29

B Solderless Banana Plugs. Insulated, fit standard banana jacks. Knurled collar. 2" long. One red, one black. 274-721 ... Pkg. of 2/99¢

C Flexible Banana Plugs. As above, with flexible insulation, strain relief. Solder type. One red, one black. 274-730 ... Pkg. of 2/99¢

D Solderless Phone Tips. Fit standard phone tip jacks. Knurled collar. 2 1/8" long. One red, one black. 274-723 ... Pkg. of 2/99¢

E Banana Jacks. Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black. 274-725 ... Pkg. of 2/69¢

F NEW! Printed Circuit Board Test Jacks. Pin fits PC board holes. Jack accepts standard test probe tips. 274-728 ... Pkg. of 8/1.29

G Insulated Binding Posts. Versatile—they accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. Two red, two black. 274-661 ... Pkg. of 4/1.69

H Nylon Binding Posts. Insulated. For 3/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. 274-662 ... Pkg. of 2/1.39

J Pushbutton Binding Posts. For 5/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. 274-660 ... Pkg. of 2/1.29

K Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 1 1/2" long. Solder type. One red, one black. 270-370 ... Pkg. of 2/1.39

L Mini Test Clips. As above, but 2 1/8" long. One red, one black. 270-372 ... Pkg. of 2/1.49

M Extra-Length Test Clips. As above, but 3 1/2" long. One red, one black. 270-352 ... Pkg. of 2/1.59

Insulated Alligator Clips



N Mini Clips. 1 1/4" jaws open to 3/16". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. 270-378 ... Set of 10/1.29

O 1 3/8" Mini Clips. Open to 1/4". Screw terminals. 6 black, 6 red. 270-1545 ... Set of 12/1.89

P Heavy-Duty Clips. Rated 10 amps. 2 5/8" long, open to 1/2". Includes 2 black and 2 red. Screw terminals. 270-349 ... Set of 4/1.79

Q "Battery" Clips. Ideal for chargers and other hookups to automotive battery posts. 2 1/4" long, open to 7/8". One red, one black. Solder or crimp. 270-344 ... Set of 2/1.19

R 2 1/4" Clips. Open to 5/16". Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 ... Set of 10/1.59

S 1-Amp Clips. 1 1/16" long, open to 3/8". Screw terminals. 3 red, 3 black. 270-371 ... Set of 6/1.89

T 2 1/4" Clips. Open to 7/16". Screw terminals. 5 red, 5 black. 270-347 ... Set of 10/1.59

U Mini Alligator Clips. 1 3/8" long. 5 red, 5 black. 270-374 ... Set of 10/1.19

V Micro Clips. 1 3/8" long, open to 3/16". Brass-plated steel. Solder type. 5 red, 5 black. 270-1540 ... Set of 10/1.99

Non-Insulated Alligator Clips



W 2" Slim Clips. All steel with screw terminals. 270-346 ... Pkg. of 10/1.59

X Claw Clips. Rated 5 amps. 1 5/8" long, open to 5/16". Screw terminals. 270-345 ... Pkg. of 8/1.49

Y Mini Clips. Rated 1 amp. 1 1/4" long, open to 3/16". 270-380 ... Pkg. of 12/1.19

Z All-Purpose Micro Clips. Copper-plated, non-serrated ends. 1 1/8" long, open to 1/4". 270-373 ... Pkg. of 10/99¢

MORE BRIGHT IDEAS FOR BUILDERS AND FIXERS

Long-Life Incandescent Lamps



Low As **69¢**

Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	.79
2.25	250	222*	Threaded	272-1124	2	.69
2.33	270	PR-4	Flange	272-1122	2	.69
2.38	500	PR-2	Flange	272-1120	2	.69
2.47	300	14	Threaded	272-1132	2	.79
3.57	500	PR-3	Flange	272-1121	2	.69
4.75	500	PR-13	Flange	272-1151	2	.79
4.8	500	PR-15	Flange	272-1125	2	.69
5.95	500	PR-12	Flange	272-1123	2	.69
6.0	25	—	Leads	272-1140	1	.79
6.0	100	T-1 $\frac{3}{4}$	Threaded	272-1142	2	.89
6.3	250	44	Bayonet	272-1108	2	.69
6.3	150	47	Bayonet	272-1110	2	.69
6.3	150	1847	Bayonet	272-1115	2	.79
6.3	150	40	Threaded	272-1128	2	.79
6.3	250	46	Threaded	272-1130	2	.79
7.5	220	51	Bayonet	272-1113	2	.69
7.5	220	50	Threaded	272-1133	2	.89
8.0	300	T-3	End Cap	272-1136	2	1.19
12.0	15 CP	93+	Bayonet	272-1116	1	.99
12.0	75	T-1 $\frac{3}{4}$	Threaded	272-1143	2	.89
12.0	25	—	Leads	272-1141	1	.79
12.0	250	T-3	End Cap	272-1137	2	1.19
14.0	270	194	Wedge	272-1126	2	.99
14.0	230	1891	Bayonet	272-1112	2	.69
14.0	200	1815	Bayonet	272-1118	2	.69
14.0	200	1487	Threaded	272-1134	2	.79
14.0	200	52	Threaded	272-1127	2	.99
14.4	120	53	Bayonet	272-1117	2	.69
28.0	40	1819	Bayonet	272-1119	2	.69

* = Pre-Focus Penlight Type. + = High-Intensity

Neon Lamps

Operate from 70 volts and up. Use dropping resistor value from chart for 120VAC use.

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	$\frac{1}{25}$	220k	272-1101	.59
NE-2H*	$\frac{1}{4}$	22k	272-1102	.69

*High brightness

Neon Lamps With Dropping Resistor. NE-2 bulb, ready to use in 120-volt circuits. $\frac{1}{25}$ watt. 272-1100 Pkg. of 2/79¢

NEW! Green Neon Lamps With Resistor. For 120VAC applications. A great change of pace from conventional "orange" neons. 272-1103 Pkg. of 2/1.19

Low-Voltage Colored Mini Lamps

These incandescent bulbs are perfect for use in doll houses, model railroads, hobby projects and more. One red, one yellow and one green. 60 mA current. With 4 $\frac{3}{4}$ " leads.

69¢

Pkg. of 3

NEW
FOR 84

Voltage	Cat. No.	Pkg. of 3
6	272-1098	.69
12	272-1099	.69

Replacement Antennas

Replace broken or damaged whips. Plastic safety tip.

NEW
FOR 84

Sections	Extends to	Cat. No.	Each
5	30 $\frac{1}{2}$ "	270-1401	2.99
4	34 $\frac{3}{16}$ "	270-1402	3.29
3	39 $\frac{3}{8}$ "	270-1403	3.49

Low As **2.99**

Panel Lamp Holders and Assemblies



Low As

1.69

The Perfect
"Finishing Touch"
For Your Projects

Lamp Holders

Require bulbs—select from chart at left.

A Conical Lamp Holders. One red, one blue. T-1 $\frac{3}{4}$ submini bulbs required. 1 $\frac{3}{8}$ " long, mount in $\frac{1}{2}$ "-diameter holes.

272-323 Pkg. of 2/1.69

B "Mini" Panel Lamp Holders. One lamp holder with one red and one green lens. Miniature-base lamps required. Length, 1 $\frac{3}{16}$ ". $\frac{5}{16}$ " mounting hole.

For Threaded-Base Lamps. 272-324 ... 1.79

For Bayonet-Base Lamps. 272-325 ... 1.79

For T-1 $\frac{3}{4}$ Submini Bulbs.

$\frac{3}{8}$ x 1 $\frac{1}{16}$ ". 272-326 Pkg. of 2/1.99

12-Volt Lamp Assemblies

Include prewired bulbs.

C High-Brightness Lamp Assemblies. One red, one green. Solder terminals. Requires $\frac{9}{32}$ " mounting hole (metal panel suggested). 272-331 Pkg. of 2/1.69

D "Micro" Lamp Assemblies. One red, one green. With leads. 12V at 60 mA. Require 7/32" mounting holes, metal panel recommended. 272-334 Pkg. of 2/1.69

E Snap-In Lamp Assemblies. One red, one green. Mounting tabs for $\frac{1}{2}$ " diameter hole. 4" leads. 272-332 Pkg. of 2/1.89

F As Above, But With One Amber, One Blue Lens. 272-335 Pkg. of 2/1.89

Neon Lamp Assemblies

Prewired dropping resistor for 120VAC use.

NEW! "Jumbo" Neon Lamp Assembly. A pilot light that can't be overlooked. Require $\frac{5}{8}$ " diameter mounting hole.

G Red. 272-710 1.99

H Green. 272-711 1.99

J Neon Panel Lamp Assemblies. One green, one amber. $\frac{9}{32}$ "-diameter mounting holes. With 3" leads. 272-707 Pkg. of 2/1.99

K Neon Panel Lamp Assemblies. One red, one yellow in classy chrome holders. $\frac{3}{8}$ x 1 $\frac{1}{2}$ ". Require $\frac{5}{16}$ " mounting holes.

272-703 Pkg. of 2/2.19

L Neon Panel Lamp Assemblies. One red, one green. With leads. Fit $\frac{5}{16}$ " mounting hole. 272-708 Pkg. of 2/1.99

Neon Panel Lamp Assemblies. Set of two: one red, one yellow. For $\frac{7}{16}$ " mounting holes.

M Square Lens. 272-704 Pkg. of 2/1.79

N Round Lens. 272-705 Pkg. of 2/1.79

Electret Microphone Elements



Low As

99¢

C PC Board-Mount. Omnidirectional. Operates from 2-10VDC with very low current drain, 1 milliamp max. 20 to 15 kHz \pm 4 dB. 6.6 mm high. 270-090 99¢

D Omnidirectional Electret. Perfect for projects and upgrading old mikes. Remarkably clean 30 to 15,000 Hz response. 4-10VDC. $\frac{7}{16}$ x $\frac{3}{8}$ " dia. With leads. 270-092 2.69

Plastic Battery Holders

Low

39¢



Series Wiring. Have output leads, except $\frac{1}{2}$ ", which have snap connector.

Holds	Cat. No.	Each
2 "AA"	270-382†	.79
4 "AA"	270-383†	.89
4 "AA"	270-391	.89
8 "AA"	270-387†	1.19
2 "C"	270-385	.99
4 "C"	270-390	1.19
2 "D"	270-386	1.19
4 "D"	270-396	1.29
4 "D"	270-389	1.29
1 "AA"	270-401	.39
1 "C"	270-402	.49
1 "D"	270-403	.59

9-Volt Battery Snaps

Pkg. of 5

99¢

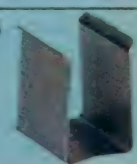
For projects, replacement or use with holders, above.

270-325 5/99¢

9V Battery Holders

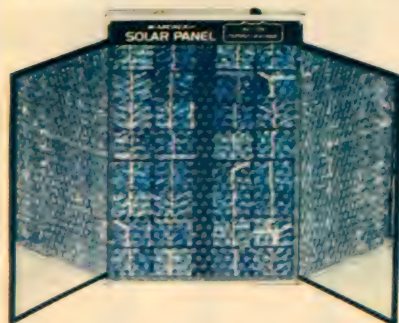
59¢

Tame "wild" rectangular batteries! Mounts with screw or glue. 270-326 2/59¢



BIG VALUES IN SOLAR POWER, ELECTRICAL TESTERS

Our Portable Solar Panel Puts The Sun to Work



24⁹⁵ Radio Shack Exclusive!

- Contains 32 First-Quality Cells
- Switchable 12VDC or 6VDC Output
- 48" Plug-In Power Lead With Clips

Ready to use! Converts bright sunlight into approximately 1/2-watt of "free" electrical power. Ideal for charging batteries or powering small devices directly. 80 milliamps at 6V, 40 mA at 12V, typical. With special lens and detachable 5 x 4" reflector panels, 5 3/4 x 4 1/8 x 5/8". Not for permanent outdoor installation.

277-1250 24.95

High-Voltage Quick Tester



109 90 to 500 Volts, AC or DC

For quick checks on house wiring, electrical and electronic devices. Neon bulb indicates live circuit. Handy pocket clip.

272-201 1.09

Low-Voltage Quick Tester



149 5 to 50 Volts, AC or DC

Ideal for checking automotive wiring and battery-operated devices. LED glows on live circuit, indicates DC polarity.

272-202 1.49

Solar Energy Project Kit



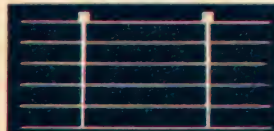
995

Ideal for Models

A silicon solar cell pre-wired to a precision DC motor. Perfect for building model windmills, boats, science fair projects. With color wheels, mini propeller, project booklet.

277-1201 9.95

Silicon Solar Cell



- High Output
- Manufacturer's Prime

395

This 2.5 x 5 cm cell produces approximately 0.2 amp at 0.42VDC in full sun. Use several to charge batteries or power projects.

276-124 3.95

Plug-In Three-Wire Outlet Analyzer



595

For Handymen, Homemakers, Power Tool Operators and Musicians

Plug it in *before* using tools, appliances, amplifiers. Readout warns if a 3-wire 120VAC outlet is faulty.

22-101 5.95

Handy Continuity Tester

499

Doubles as a Light Duty Screwdriver

Helps spot broken wiring, burned out incandescent bulbs and more. Cord has small "gator clip". Has replaceable #222 bulb. Requires "AAA" battery (not incl.). *Not for use in live circuits.*

22-4035 4.99

Big Selection of Low-Cost, High-Quality Relays for Your Projects

Micro-Mini SPDT, 5VDC Coil



ONE OF OVER **350** NEW LOW PRICES

199 Was \$2.49 in 1983 Catalog

Just 1 1/32 x 3/8 x 1/4", ideal for crowded PC boards. Contacts rated 1 amp at 125VAC. 55-ohm, 90 milliamp coil. .100" pin spacing.

275-240 1.99

ACTUAL SIZE

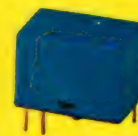
SPDT DIP Relay, 5VDC Coil

ONE OF OVER **350** NEW LOW PRICES

249 Was \$2.99 in 1983 Catalog

Fits 14-pin DIP socket or mounts on PC boards with .100" hole centers. Contacts: 2 amps at 125VAC, 5VDC, 72 mA, 70-ohm coil.

275-243 2.49



3/8 x 9/16 x 3/8"

Mini SPDTs With 3-Amp Contacts

299 Each

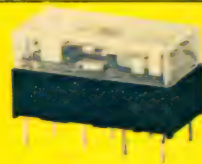
For limited-space projects. Contacts: 3 amps at 125VAC. 5VDC coil, 70 ohms, 72 mA.

275-246 2.99

With 12VDC Coil. 275-247 2.99



9/16 x 25/32 x 5/8"



Submini DPDT DIP Relays

- Fit 16-Pin DIP Sockets
- Mount on PC Boards

5VDC Coil. Contacts: 1 amp at 125VAC. Coil: 100 mA, 50 ohms. 7/16 x 25/32 x 3/8".

275-215 3.99

12VDC Coil. 275-213 3.99

399 Each

Mini SPDT Relays

299 Each

6-9VDC, 500-Ohm Coil. Typical drain 12 mA—ideal for battery-powered circuits. Contacts: 1 amp at 125VAC. 1 x 1 1/16 x 3/4".

275-004 2.99

12VDC Coil. 275-003 2.99



Wire Leads

Miniature DPDT With 12VDC Coil

449

Contacts: 3 amps at 125VAC. Coil: 75 mA, 160 ohms. Transparent case, 1 1/4 x 1 x 3/4". Chassis or PC-mount socket has clips for relay.

275-206 4.49

Socket Included



Miniature 4PDT Relays



469 Long-Life Contacts Rated 3A at 125VAC

12VDC Coil. Switches up to four circuits! For PC or socket mounting. 75 mA, 160-ohm coil. 1 3/8 x 1 1/8 x 1 3/16".

275-214 4.69

With 120VAC Coil. 275-212 4.69

DPDT Plug-In Relays

Contacts Rated 10A at 125VAC **549** Each

For plug-in use or soldering. 1 5/8 x 1 x 3/4". U.L. recognized.

12VDC, 160-Ohm Coil. 275-218 5.49

120VAC, 5000-Ohm Coil. 275-217 5.49



Relay Sockets

149 Each

Socket for 275-217, 275-218. Rated 10 amps.

275-220 1.49

Socket for 275-214, 275-212. Rated 3 amps.

275-221 1.49



For Chassis or PC Board Mounting

QUALITY SWITCHES FOR PROJECTS OR REPAIRS



A Heavy-Duty DPDT Center Off. 10A at 125VAC. Screw terminals. With on/off/on label plate. Body: $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{8}$ ". Requires $\frac{7}{16}$ " mounting hole. 275-1533 1.79

B Standard Toggles. 3A at 125VAC. With on/off label plates. Body: $1\frac{1}{2} \times \frac{9}{16} \times 1$ ". Require $\frac{7}{16}$ " mounting holes.

SPST. 275-602 99¢
DPDT. 275-666 1.29
Set. One DPDT, 2 SPST. 275-322 2.49

C Submini Toggles. 3A at 125VAC. Body: $\frac{3}{8} \times \frac{1}{4} \times \frac{3}{8}$ ". $\frac{1}{4}$ " mounting holes.

SPST. 275-612 1.59
SPDT. 275-613 1.69
DPDT. 275-614 1.99
DPDT. Center-Off. 275-620 2.19

D SPDT Mini-Toggle. 5A at 125VAC. Solder lugs. Body: $\frac{5}{8} \times \frac{3}{8}$ ". Requires $\frac{7}{16}$ " mounting holes. 275-603 1.49

E $\frac{3}{4}$ " Brushed Aluminum Baton. 3A at 125VAC. Flush mount. $\frac{15}{16} \times \frac{5}{8} \times \frac{9}{16}$ ".

SPST. 275-630 1.49
DPDT. As above, but rated 10 amps at 125VAC. 275-607 1.79

F Heavy-Duty With $1 \times \frac{3}{8}$ " Lever. 6A at 250VAC. $\frac{15}{16} \times \frac{5}{8} \times \frac{5}{8}$ ". Require $\frac{7}{16}$ " mounting holes.

SPST. 275-651 1.99
SPDT. 275-654 2.19
DPDT. 275-652 2.39
DPDT Center-Off. 275-653 2.49

G 20-Amp Lever Switches. 20A at 12VDC. Accept quick-disconnect spades. Body: $2\frac{15}{16} \times 1 \times \frac{1}{2}$ ". $\frac{7}{16}$ " mounting hole.

SPST. 275-708 1.79
DPDT Center-Off. 275-710 2.29
DPDT. Momentary, with spring return to center off. 275-709 2.69

H Standard Automotive SPST. 5A at 12VDC. $\frac{7}{16}$ " mounting hole.

275-701 1.19

J Mini Toggles. 6A at 125VAC. Body: $1\frac{3}{8} \times \frac{1}{2} \times \frac{1}{2}$ ". $\frac{1}{4}$ " mtg. hole. U.L. listed.

SPDT. 275-662 2.49
DPDT. 275-663 2.79
DPDT Center-Off. 275-664 2.99
3PDT. 275-661 3.39

K Submini Toggles. 10A at 125VAC. Each includes four colored handle covers. $\frac{1}{2} \times \frac{7}{16} \times \frac{1}{2}$ ". $\frac{1}{4}$ " mounting holes.

SPST. 275-324 1.89
SPDT. 275-326 1.99
SPDT Center-Off. 275-325 2.19
DPDT. 275-1546 2.39
DPDT Center-Off. 275-1545 2.59

L Rocker Switches. 6A at 125VAC. $1\frac{3}{16} \times \frac{3}{4} \times 1\frac{3}{8}$ ". $\frac{3}{4}$ " mounting holes.

SPST. 275-690 1.89
DPDT. 275-691 2.49

M SPDT Momentary. 6A at 125VAC. Spring return to one position. Body: $1\frac{15}{16} \times \frac{1}{2} \times \frac{5}{16}$ ". $\frac{1}{4}$ " mounting hole.

275-619 1.59

N Micromini Toggles. 3A at 125VAC. Body: $\frac{1}{4} \times \frac{5}{16} \times \frac{3}{16}$ ".

SPST. 275-624 1.49
SPDT. 275-625 1.59
DPDT. 275-626 1.89

O Flatted Lever Switches. 6A at 125VAC. Body: $\frac{3}{8} \times \frac{7}{16} \times \frac{1}{4}$ ". $\frac{1}{4}$ " mounting holes.

SPDT. 275-635 2.39
DPDT. 275-636 2.69
DPDT Momentary. Spring return to center-off. 275-637 2.89

Illuminated Switches



P 12-Volt SPST Toggle. Handle lights when on. Rated 3A, for 12VDC only. $1\frac{3}{8} \times 1\frac{1}{4} \times \frac{5}{8}$ ". $\frac{7}{16}$ " mounting hole.

275-706 1.99

Q 120VAC SPDT Push-On/Push-Off. Contacts rated 3 amps at 120VAC. Built-in lamp requires 12 volts, AC or DC. Mounts in $\frac{1}{2}$ " diameter hole. $1\frac{3}{4} \times \frac{9}{16} \times \frac{9}{16}$ ". 275-676 4.95

R 120VAC SPST Push-On/Push-Off. Button lights when on. 10A. For 100-125VAC use only. $\frac{7}{16}$ " mounting hole.

275-671 3.49

S SPST Toggle With LED Indicator. 5A. 12VDC use only. $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$ ". $\frac{7}{16}$ " mounting hole. 275-680 2.59

Momentary and Push-On/Push-Off Switches



T Mini SPDT Momentary. 3 amps at 125VAC. $1\frac{7}{16} \times \frac{7}{16} \times \frac{7}{16}$ ". $\frac{1}{4}$ " mounting hole. Solder lugs.

275-1549 2.19

U Mini SPST Momentary Contact. 0.5A at 125VAC. $\frac{3}{8}$ " button. Require $\frac{1}{4}$ " mounting holes. Normally Open. 275-1547 Pkg. of 5/2.49

Normally Closed. 275-1548 Pkg. of 5/2.69

V Standard SPST Push-On/Push-Off. 3A at 250VAC. $\frac{1}{2}$ " mounting hole. 275-011 1.29

Momentary. Normally open. One black and one red. 275-609 Set of 2/1.69

For Every Low Application As **119**

W Square SPST Push-On/Push-Off. 3A at 250VAC. $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". Requires $\frac{1}{2}$ " mounting hole. Solder lug terminals. 275-617 1.59

Square SPST Momentary. Normally open. Black. 275-618 1.49

X Rectangular "Soft-Feel" Push-On/Push-Off. 3A at 125VAC. $1 \times \frac{3}{4} \times \frac{9}{16}$ ". $\frac{3}{8}$ " mounting hole.

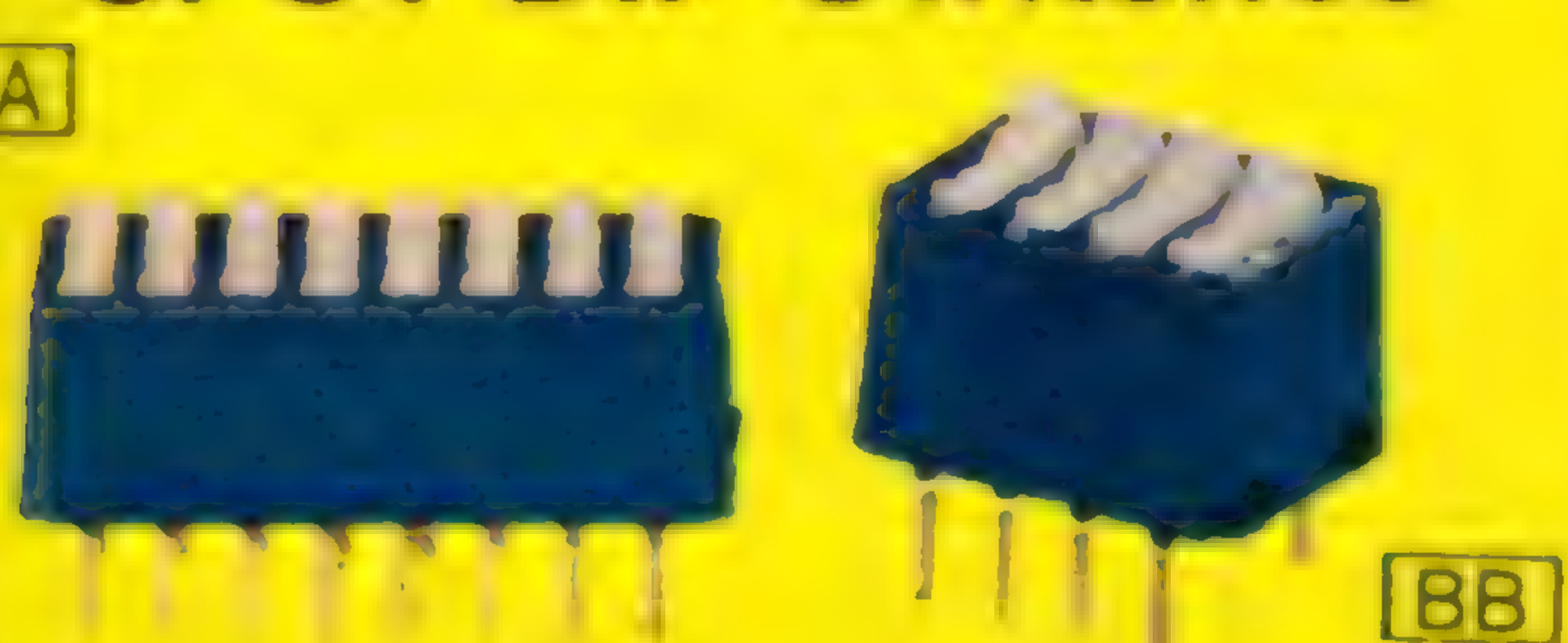
SPST. 275-1565 1.29

SPST Momentary. 275-1566 1.19

Y Miniature SPDT Push-On/Push-Off. 3A at 125VAC. $\frac{3}{4} \times \frac{3}{8} \times \frac{3}{8}$ ". $\frac{5}{16}$ " mounting hole. Solder lug terminals. 275-1555 1.79

Z Submini SPST Momentary. 0.5 amps at 125VAC. Normally open. $1\frac{1}{2} \times \frac{1}{4}$ ". One red, one black. $\frac{3}{8}$ " mounting hole. 275-1571 1.59

SPST DIP Switches



For digital or low current applications. Mount in DIP sockets or on PC boards. Style may vary.

AA 8-Position. Fits 16-pin DIP socket. 275-1301 1.99

BB 4-Position. Fits 8-pin DIP socket. 275-1304 1.49

Slide Switches



Heavy-Duty. 3A at 125VAC. $1 \times 1\frac{3}{8} \times \frac{5}{8}$ ". Solder lug terminals. Packages of two.

SPST. 275-401 Pkg. of 2/89¢

DPDT. 275-403 Pkg. of 2/99¢

Slide Switch Kit. 0.5A at 125VAC. One each: SPDT, DPST, DPDT, three SPST. $\frac{1}{2} \times \frac{7}{8} \times 1\frac{1}{4}$ ". 275-327 Set of 6/1.79

Lever Switches



Submini With $\frac{3}{4}$ " Roller Lever. Operating force: 50 grams. 5A at 250VAC. $\frac{3}{4} \times \frac{1}{4} \times \frac{3}{8}$ ". 275-017 1.29

Submini With $\frac{3}{4}$ " Lever. Operating force: 45 grams. 5A at 250VAC. $\frac{3}{4} \times \frac{1}{4} \times \frac{3}{8}$ ". Solder lugs. 275-016 1.19

Rotary Switches



0.3 Amp at 125VAC

2-Pole, 6-Position. Single deck, non-shorting type. $\frac{1}{4}$ "-diameter shaft.

275-1386 1.19

1-Pole, 12-Position. Shorting type. $\frac{1}{4}$ "-diameter shaft, $1\frac{3}{8}$ " long.

275-1385 1.19

Mercury Switches



CC Low Voltage. Submini position-detecting switch rated 100 milliamps at 24VDC. Ideal for use in alarms and low-power circuits. 275-025 89¢

DD Heavy-Duty. Rated 5 amps at 125VAC. Style may vary. 275-027 1.19

Submini Slide Switches

With Mounting Screws



Rated 0.3A at 125VAC. $\frac{5}{8} \times \frac{1}{4} \times \frac{1}{4}$ ".

SPST. 275-406 Pkg. of 2/69¢

DPDT. 275-407 Pkg. of 2/79¢

Bracket, Label Plates



Auto Switch Bracket. For underdash mounting. Accepts two switches with $\frac{7}{16}$ " diameter bushings. 275-705 69¢

On/Off Switch Label Plates. For toggles with $\frac{15}{32}$ " diameter bushings and key slot. 275-320 Pkg. of 6/69¢

DPDT Knife Switch



Ideal for Projects, Antenna Switching, Reversing Polarity

Plated spring contacts rated 0.5 amp at 250VAC. Plastic handle, screw terminals. $1\frac{5}{8} \times 2\frac{3}{8} \times \frac{3}{4}$ ". 275-1537 99¢

ARCHER® SOLDERING TOOLS—WHAT A CONNECTION!

**NEW
FOR '84**

Switchable Dual Heat Soldering Iron



695

Two Irons
In One

Handle-Mounted
Wattage Switch

Perfect for small, medium or large jobs. Has a convenient wattage switch allowing you to select 15 or 30 watts—depending on size of job—no need to change the iron. Sculptured handle for hours of comfortable soldering. 8 1/4" long. U.L. listed. 64-2055 6.95
Replaceable Tip. Rated up to 30 watts. 64-2065 89c

Soldering Irons and Gun



Low
As **349**

[A] 25-Watt Pencil Iron. Insulated 5/32" screw in tip. 600-640°F. With stand. 64-2070 5.49
Replacement Tip. 64-2073 1.29
[B] 42-Watt Pencil Iron. As above, but with 1/4" tip. 64-2071 5.95
Replacement Tip. 64-2072 1.49
[C] 30-Watt Pencil Iron. Lightweight. 7" long. 64-2067 3.49
Replacement Tip. 64-2065 89c
[D] "Cool-Grip" 30-Watt Soldering Gun. 64-2066 3.99
Replacement Tip. 64-2065 89c

Custom Design Your Own Soldering Iron

Cool-Grip
Handle
499



3 Copper
Tips
369



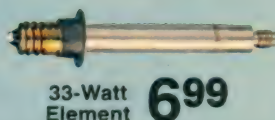
2 Long
Life Tips
429

Quick 'n Easy
Thread-On Tips

Interchangeable heating elements and tips make a complete professional workshop. Use with comfortable "Cool-Grip" handle and you're all set. Heating elements, handle. U.L. listed.



27-Watt
Element **479**



33-Watt
Element **699**

Description	Watts	Cat. No.	Each
Cool-Grip Handle		64-2080	4.99
600-650°F Heating Unit	27	64-2081	4.79
750-800°F Heating Unit	33	64-2082	6.99
Light, Med., Heavy Duty-Tips (Pkg. of 3)		64-2084	3.69
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)		64-2089	4.29

**NEW
FOR '84**

Beginners 5-Piece Soldering Set



With Soldering
Instructions **495**

Everything you need for basic soldering. Includes 30-watt U.L. listed pencil soldering iron, soldering iron stand, coil of solder, soldering aid and a heat sink. 64-2802 4.95

Science Fair® Electronic Tool Set



1495

10-piece set includes 30-watt U.L. listed soldering iron with stand, solder, soldering aid, needle-nose pliers, diagonal cutter, three screwdrivers and a heat sink. 64-2801 14.95

75-Watt Soldering Gun



1595
Lightweight

Pull the trigger for full temperature in seconds. Flat back for standing upright when not in use. Comfortable to hold. U.L. listed. 64-2191 15.95

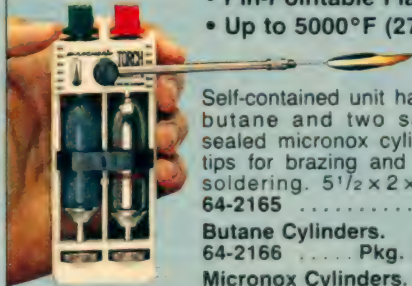
For Use With	Cat. No.	Pkg. of 2
Archer 64-2191	64-238	1.99
Archer 64-2190	64-237	1.99
Weller D440, 8200	64-234	1.99

Extra
Tips

2495

Pocket-Size Gas Brazing Torch

- Pin-Pointable Flame
- Up to 5000°F (2750°C)



Self-contained unit has one butane and two safety-sealed micronox cylinders, tips for brazing and silver-soldering. 5 1/2 x 2 x 1 1/4". 64-2165 24.95

Butane Cylinders.
64-2166 Pkg. 2/2.99

Micronox Cylinders.
64-2167 Pkg. 2/2.39

Miniature Butane Torch

995

- Fully Self-Contained
- Heats to 2500°F (1370°C)



Small enough to fit in a pocket yet with precise and controlled high-temperature flame. Cylinder lasts up to 60 minutes. With refill. 64-2164 9.95

Replacement Cylinders.
64-2166 2/2.99

ACCESSORIES TO MAKE SOLDERING JOBS EASIER

"One-Hand" Electric Desoldering Iron



695

Ideal for Today's Electronic Circuits

Easily remove/replace parts. With handle, bulb, desoldering unit and tip, 5-ft. cord. 45W. U.L. listed.
64-2060 6.95
Replacement Tip. 64-2061 69c

Vacuum Desoldering Tool



NEW FOR '84

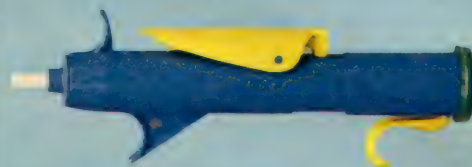
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Frees One Hand For Operating Iron or Gun

Desolders large joints quickly, cleanly. Sturdy aluminum housing has a non-stick tip and a side-mounted trigger button. Disassembles easily for cleaning. 7³/₄" long.

64-2098 4.95

Desoldering Tool



879

- Spring-Loaded
- Easy to Use

Makes desoldering a snap! Just set plunger and you're ready for instant, powerful desoldering. Works quickly—even on large solder connections. Easy, one-hand operation.

64-2085 8.79

Rosin Core Electronic Solder



Low As **89c**

Standard, Light or Special PC

Package Size	Size	Use	Cat. No.	Each
5-oz. Handy Pak	.062	Standard	64-001	.89
1.5-oz. Spool	.062	Standard	64-002	1.39
4-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
1/2-lb. Spool	.062	Standard	64-007	5.89

Meets QQ-571E Federal Requirements

Vacuum-Base Hobby Vises



299

495

Handy Portable Sizes

Mini. Holds on-the-spot jobs securely. Mounts instantly to smooth, non-porous surfaces. 2³/₄ x 2³/₈ x 2³/₈".

64-2094 2.99

Hobby. 3¹/₂ x 3¹/₄ x 3¹/₄". 64-2095 4.95

"Helping Hands"



350
OF OVER NEW LOW PRICES

695

Was \$7.95 in 1983 Catalog

Simplifies Work!

Two clips hold work in any position. Solid cast-iron base.

64-2093 6.95

Mini Drill



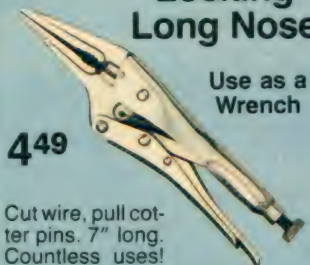
299

- 3¹/₄" Long
- 2 Drill Bits In Handle

Perfect for working on printed circuit boards. Lightweight.

64-2097 2.99

Locking Long Nose



Use as a Wrench

449

Cut wire, pull cotter pins. 7" long. Countless uses!

64-1864 4.49

Mini "C" Clamp Set



249
Set of 3

Perfect for Precision Jobs

Three sizes of openings—³/₄", 1", 1⁷/₈". Sturdy die-cast metal.

64-2096 Set of 3/2.49

Pre-Cut Tape Solder



139

Solder With a Match

Wrap around twisted wires, heat with match or other flame for a good connection.

64-010 100/1.39

Desoldering Braid



149

The easy way to repair or revise circuits. Use with soldering iron. Five foot roll.

64-2090 1.49

Solder Iron Holder And Cleaner



579

Coil holds iron, sponge pad keeps iron tip clean.

64-2078 5.79

Vacu-Bulb



350
ONE OF OVER NEW LOW PRICES

Was \$2.99 in 1983 Catalog

199

Teflon Tip Takes Up Solder

Takes up solder safely, easily with vacuum action. No splattering, won't mar connections!

64-2086 1.99

4-Pc. Soldering Aid Set



299

Includes heat sink, brush/scrapper, pointed, slotted probes.

64-2227 2.99

Soldering Tweezer



Use It As a Heat Sink, Too

179

Blunt, self-closing serrated points. 6¹/₂" long.

64-1915 1.79

DO THE JOB RIGHT WITH ARCHER® TOOLS & HARDWARE



Automatic Wire Stripper

895

Insulated Handle

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long. 64-1919 8.95



Stripper/Cutter

249 For #12 to #24 Wire

Long blade for smooth cutting action. Insulated grips.

64-2129 2.49

"Dial" Stripper

399

Set dial to perfectly strip/cut #12 to #24 wire. Insulated grips.

64-1952 3.99



Heavy-Duty Crimper/Cutter

995

Crimps terminals, cuts and strips wire, even measures and cuts bolts. Easy to use. 64-2268 9.95



Standard Crimping Tool

399

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfortable cushion-grip handles. 8 1/2" long. 64-404 3.99

Storage Boxes



Strong See-Thru Plastic

Low As **99¢**

Size	Sections	Cat No.	Each
8 1/2 x 4 3/4 x 1 1/2"	6-18	64-552	2.39
4 3/8 x 2 5/8 x 1"	6	64-553	.99

Electronics Hardware



For Every Handyman

159

Generous one-pound assortment of items valuable in building, experimenting and repair work.

64-2890 1.59

Tap-In Squeeze Connectors



169

Pkg. of 10

Taps for 18 to 14-gauge wire.

64-3052 .. Pkg. of 10/1.69

Solderless Lugs



169

5 Popular Sizes

Twenty each of ring, hook, tongue and large/small spade-tongue lugs.

64-406 Pkg. of 100/1.69

Ceramic Magnets



1/2" Button 64-1880 1 1/8" Round 64-1885

1" Rectangular 64-1875 **18¢** Each

10-24	25-99	100-Up
15¢	14¢	12¢
Each	Each	Each

Hardware in Handy "See-Through" Packs

Huge Variety! Types for All of Your Home, Shop And Automotive Needs

- 37 Types
- Corrosion Protected

Only **99¢** Per Pack

Repairs and do-it-yourself projects go easier with the right hardware. These items are packaged in clear plastic at the factory so you can see what you're getting and be assured of highest quality with every purchase. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!



1. Round-Head Machine Screws. 14 each: 2-56 x 1/4", 1/2", 3/4". 64-3010

14 each: 4-40 x 1/4", 1/2", 3/4". 64-3011

14 each: 6-32 x 1/4", 1/2", 3/4". 64-3012.

2. Pan-Head Sheet Metal Screws. 5 each: #4 x 1/2". #6 x 1/4", 3/8", 1/2". #8 x 1/4", 3/8", 1/2". 64-3016

3. Steel Machine Hex Nuts. 40 each: 2-56. 64-3017.

30 each: 4-40. 64-3018.

30 each: 6-32. 64-3019.

4. Flat Spring Steel Nuts. 10 of #4, 15 each of #6 and #8. 64-3062.

5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10. 64-3022

6. Control Nuts. 8 each: 3/8"-32, 15/32"-32 and 7 of .475"-32. 64-3020

Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. 64-3063

7. Aluminum Spacers. 2 each: 1/4", 1/2", 3/4", 1" for #4, #6 & #8 screws. 64-3024

8. Vinyl Grommets. 7 each: 1/4", 5/16", 3/8", 5 each: 7/16", 1/2". 64-3025

9. Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. 64-3026

10. Polypropylene Cable Clamps. 6 each: 1/8", 3/16", 1/4" cable diameter. 64-3028

11-14. Solder Lugs. 40 pieces: #6, #8, #10 mounting holes. 64-3029

15. Solderless Ring Tongue. 6 each: #6, #8 (for 22-18 wire size). #6, #8 (for 16-14 wire size). 64-3030

16. Solderless Spade Tongue. 6 each: #6, #8 (22-18). #6, #8 (16-14). 64-3031

16,18. Solderless Spade. (26-24). 3 each: #4, #8. Insulated, 2 each: #4, #6. 64-3042.

16. Solderless #10 Spade Tongue. 12 each: (for 22-18 wire sizes), (for 16-14 wire sizes). 64-3034

17. Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3032

18. Solderless Insulated Spade Tongues. Assorted as above. 64-3033

Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). 64-3035

19. Butt Connectors. 10 each: (22-18), (16-14). 64-3036

20. Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037

21. Male Quick-Disconnects. 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4". 64-3038

22. Female Quick-Disconnects. Assorted as above. 64-3039.

23. Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. 64-3061

24. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047

25. Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). 64-3041

26. Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14) #6 & #8. 64-4043

27. Solderless Insulated Flanged Spade. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3044

28. Female Flag Quick-Disconnect. 5 each: 3/16" & 1/4". 64-3046

29. Auto Fuse Tap. 3 sets. 64-3048

30. Auto Plastic Fuse Tap. 3 sets. 64-3027

31. Solderless Insulated Male/Female Quick-Disconnects. (for 22-18, 16-14 wire sizes). 1/4" tabs. 4 sets. 64-3049

32. Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" stud. Sizes #16-10 wire range. 64-3040

CHEMICALS, ADHESIVES FOR PROJECTS & REPAIRS



Dust/Particle Remover Spray

199

NEW FOR 84

Cleans dust and particles from circuits, cameras, computer keyboards, delicate mechanisms. Leaves no residue. 6 oz.

64-2325 1.99



Color TV Tuner Cleaner

219

Concentrated! Spray into tuner to clean and lube contacts. 6 oz.

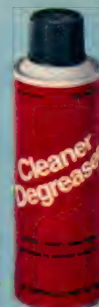
64-2320 2.19

Cleaner Degreaser

199

Sprays away oil and grime from circuitry and components. 8 oz.

64-2322 ... 1.99



TV Tuner Cleaner

159

Just spray into tuner to eliminate "noisy" contacts. No harmful deposits. 6 oz.

64-2315 1.59



Component Cooler

229

Spray on resistors and capacitors to chill and spot thermal defects. 6 oz.

64-2321 .. 2.29



Rosin Flux Remover

179

Removes soldering flux deposits from electrical and electronic circuits. 6 oz.

64-2324 1.79

Instant Bonding Glue

149

All-purpose adhesive bonds non-porous materials in seconds. Nozzle tip.

64-2308 1.49



Twin-Tube Epoxy

259

Dual tubes automatically mix quality epoxy cement for quick repairs. 1 oz.

64-2313 2.59



Silicone Seal

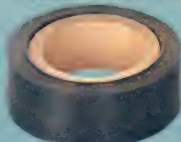
329



Bonds, seals, caulks. Applies evenly and it's moisture resistant. With applicator tip.

64-2314 3.29

Heat-Shrinkable Tape



249

10-Ft. Roll

Can be used where ordinary heat-shrink tubing can't. Shrinks lengthwise at least 30% when heated to 275° F. 3/4" wide.

64-2335 2.49

All-Purpose Tape

199

Seals Heating And A/C Ducts

Watertight, airtight, unaffected by normal heat, cold or damp weather. 2" x 30 ft.

64-2347 1.99



Clear Carton-Sealing Tape

249

165-Ft. Roll

For packages and envelopes. Great for shipping, moisture protection. Forms airtight seal. High tensile strength. 2" wide.

64-2339 .. 2.49



10,000-Volt Dielectric Tape



Low As **49¢**

Roll Size	Cat. No.	Each
1/2" x 12 1/2 ft.	64-2348	.49
3/4" x 20 ft.	64-2349	.79
3/4" x 66 ft.	64-2350	1.39

Electrical Tape in Handy 5-Pack

Assorted Colors

189

Pkg. of 5



Vinyl. For color-coding, many other home, shop, auto uses. 3/4" x 12 ft. rolls.

64-2340 1.89

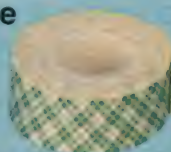
Double-Sided Foam Tape

149

40" Roll

Ideal for fastening accessories to car dash, pictures to walls and much more. No waste—just cut off amount needed. 3/4" wide.

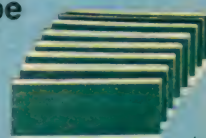
64-2343 1.49



Double-Sided Foam Tape Strips

189

Pkg. of 8



1" Wide, 3" Long

Instantly fasten pictures to walls, radar detectors to dash, smoke detectors to ceilings.

64-2344 Pkg. of 8/1.89

Self-Sticking Cushion Feet



89¢

Pkg. of 12

Great for projects, or replacements on radios, calculators, more. Just peel and stick. 64-2346 89¢

Jumbo Size Cushion Feet



NEW FOR 84

129

Pkg. of 8

Self-sticking 3/4" square cushions are ideal for larger items such as TVs, computers, speakers.

64-2342 1.29

Hook-and-Loop Fastener Strips

189

Pkg. of 4



Long-lasting 3-inch strips for attaching items to car dash, grill cloth to speakers, more.

64-2345 Pkg. of 4/1.89

Insulated Wire Staples

79¢

Pkg. of 40



Say "goodbye" to hazardous loose wires! Ideal for tacking wires along baseboards, walls.

64-2875 Pkg. of 40/79¢

STOCK YOUR SHOP WITH QUALITY ARCHER® TOOLS

Handy 16-Piece Precision Tool Set

**NEW
FOR '84**

895

- Fitted Case Keeps Tools Organized
- Great for Hobbyists And Do-it-Yourselfers



Set features 16 of our most popular drivers—great for almost any kind of handywork. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a torque bar. 64-1961 8.95

**One-Hand
Operation**

Versatile Precision Tool Kits



**ONE
OF
OVER
350
NEW LOW PRICES**

349
Each

Were \$3.99 Each
In 1983 Catalog

All Kits Include Fitted Case

Screwdrivers. Six screwdrivers, sizes #1-6. Nickel-plated brass handles and swivel tops. Widths from 0.8 to 3.8mm. 64-1948 3.49

Nutdrivers. Set of five with swivel tops and nickel plated brass handles, torque bar. 64-1957 3.49

Phillips and Hex Keys. Set of five with two Phillips screwdrivers, three hex key wrenches and a torque bar. 64-1958 3.49

Combination Screwdrivers. Six screwdrivers: two Phillips and four regular. 64-1959 3.49

Pliers and Cutters for Every Application



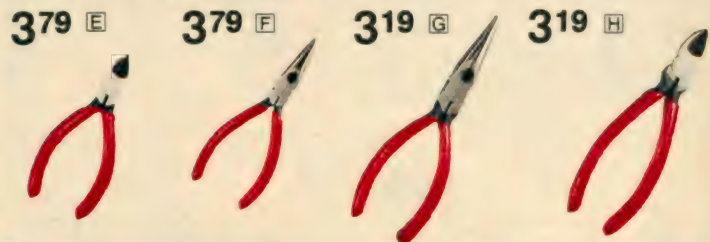
Great for hobbyists and professionals alike. Archer tools are made with the quality you expect, at a price you can afford.

A Pro-Quality 5 1/4" Long Nose Pliers. Made of top-grade steel. With spring return and insulated grips. 64-1812 5.99

B Pro-Quality 4 1/2" Diagonal Cutters. Long-lasting top-quality steel, spring return, insulated grips. 64-1813 5.99

C 6" All-Purpose Plier. Use as a nutwrench, stripper, cutter or crimper. Insulated handles. 64-1847 3.99

D 5" Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Great for your bench! 64-1833 2.99



E 4 1/2" Diagonal Cutters. Slips in to cut wire in those hard to get-at places. With insulated grips. 64-1841 3.79

F 5" Long-Nose Pliers. Drop forged for a long, durable life. Insulated grips for electrical work. 64-1843 3.79

G 6 1/2" Needle Nose Pliers. Made of long-lasting hardened steel. Comfortable, insulated grips. 64-1844 3.19

H 6" Diagonal Cutters. Durable blades for the tough jobs. Made of hardened steel, with insulated grips. 64-1845 3.19

Magnetizer Demagnetizer



**NEW
FOR '84**

179

Super-efficient magnet magnetizes and demagnetizes screwdrivers and other small tools.

64-1870 1.79



Magnetize
Demagnetize

4-in-1 Driver Set

**ONE
OF
OVER
350
NEW LOW PRICES**

399

Was \$4.49 in
1983 Catalog

2-Piece Set

Standard: 1/4",
9/64", Phillips:
#1-2. Nut-
driver: 3/16",
1/4", 5/16", 3/8".
64-1865 3.99



Magnetic Screwdriver

**ONE
OF
OVER
350
NEW LOW PRICES**

399

Was \$4.49 in
1983 Catalog

Standard: 9/32",
3/16", Phillips: #1-2.
Nutdriver: 1/4".
Holds parts in
place for ease and
convenience.

64-1954 3.99

2-in-1 Reversible Screwdriver



**Rugged Molded
Handle**

349

Reversible screwdriver has #1
Phillips and 3/16" standard
heads. Both lock securely in
place. 64-1950 3.49

3-Piece Mini Screwdriver Set



**149 Includes
Storage Pouch**

Swivel heads. For fixing eye
glasses, meters and other deli-
cate instruments.

64-1982 1.49

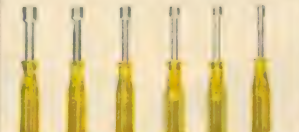
8-Pc. Nutdriver Set



499
Includes
Storage Case

Interchangeable drivers, tem-
pered steel. 1/8", 3/16", 7/32", 1/4",
9/32", 5/16", 11/32", 3/8".
64-1800 4.99

6-Pc. Nutdriver Set



**ONE
OF
OVER
350
NEW LOW PRICES**

399

Was \$4.79 in
1983 Catalog

Hardened, tempered steel. Easy-
grip molded handles. Sizes: 3/16"
to 7/16". 64-1821 3.99

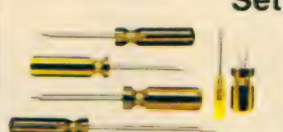
8-Pc. Screwdriver Set



349

#0-2, Phillips. 1/4", 3/16", 1/8"
standard. With scratchawl,
gimlet and torque handle.
64-1835 3.49

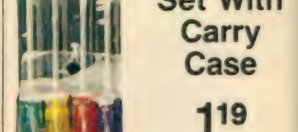
7-Pc. Screwdriver Set



489

1/4 x 1 1/2" stubby, 1/8 x 2 1/4"
midget, 1/4 x 4 1/4" mechanics,
3/16 x 4" & 3/16 x 6" cabinet,
#1-2 Phillips. 64-1823 .. 4.89

4-in-1 Tool Set With Carry Case



119

**Strong
Molded
Handles**

Set includes two flatheads, one
Phillips and an awl.
64-1819 1.19

MORE TOOLS AND ACCESSORIES FOR SPECIAL JOBS

Electric Engraver

11⁹⁵

- Identify Your Valuables
- Width/Depth Adjustment

Easily identify your property. Lightweight, 6³/₄" long housing. 7200-RPM motor, carbide point. U.L. listed AC operation. 64-2173 . . . 11.95

Writes on Metal, Wood And Plastic

Handy Nibbling Tool



949

Easy-to-use hand-held sheet metal cutter. Cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. 64-823 . . . 9.49

Illuminated 30X Microscope

12⁹⁵

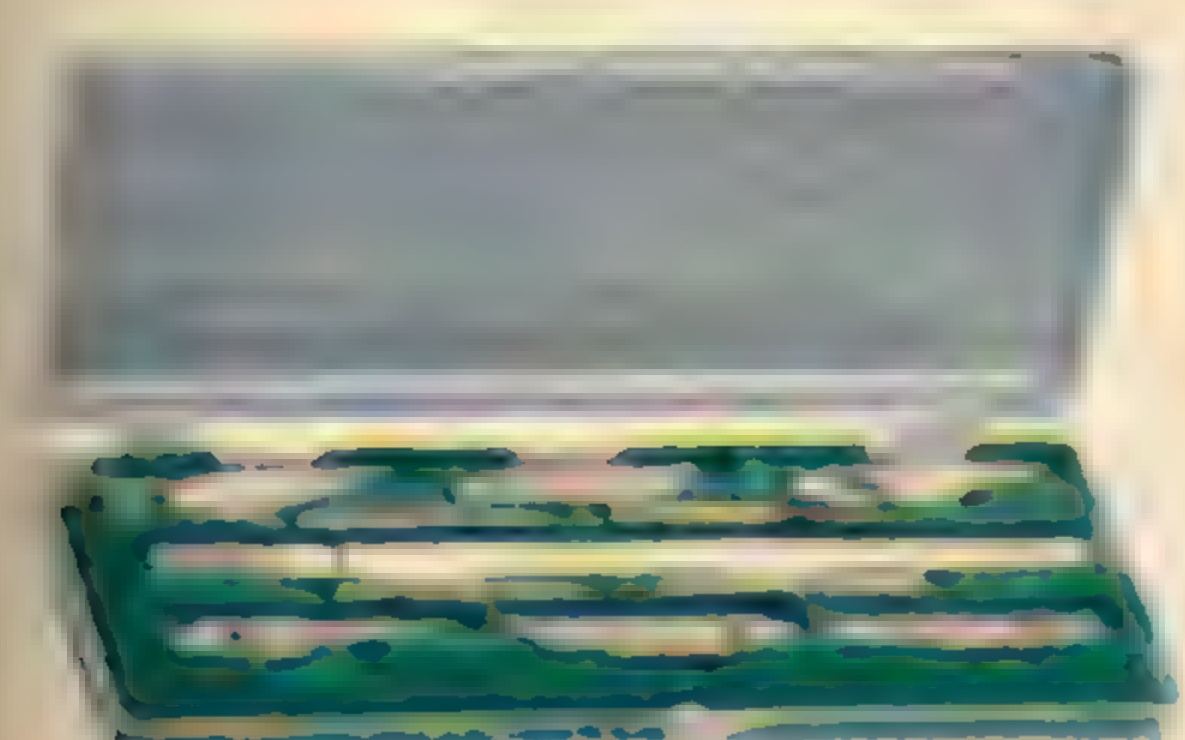
Great for Examining Small Objects Like Stamps, Coins and Microcircuits



Deluxe microscope puts light directly on object. Thumbwheel focus control. 5 1/2" long. With vinyl case. Requires two "AA" batteries. 63-850 . . 12.95

Precision Knife Kit

369



Ten multi-purpose interchangeable steel blades. Use for delicate cutting operations. With fitted case. 64-1801 . . . 3.69

Mini Utility Knife

199

Blades Store in Handle

Blade locks in four positions. For cutting, scoring or trimming. Safe for your pocket. Only 2 5/8" long. 64-1852 . . . 1.99



TV Alignment Tool Sets



B

A 5-Pc. Color TV Kit. Eight hex and two slot tips. 64-2220 . . . 2.99

B 2-Pc. Kit. Fits most RF and IF transformers. 64-2223 . . . 99¢

A

Lighted Dual Magnifier

498

Read with 3" main lens, use 1" inset for fine type. Requires two "AA" batteries. 63-848 . . . 4.98



Hobby Knife

NEW FOR '84

99¢

Precision knife is great for hobbyists, artists and craftsmen. Surgically sharp steel blade. Metal handle. 64-1805 . . . 99¢



Knife Sharpener

299

Carbon steel rods for maximum sharpness. For scalloped, straight or serrated blades. 64-1860 . . 2.99

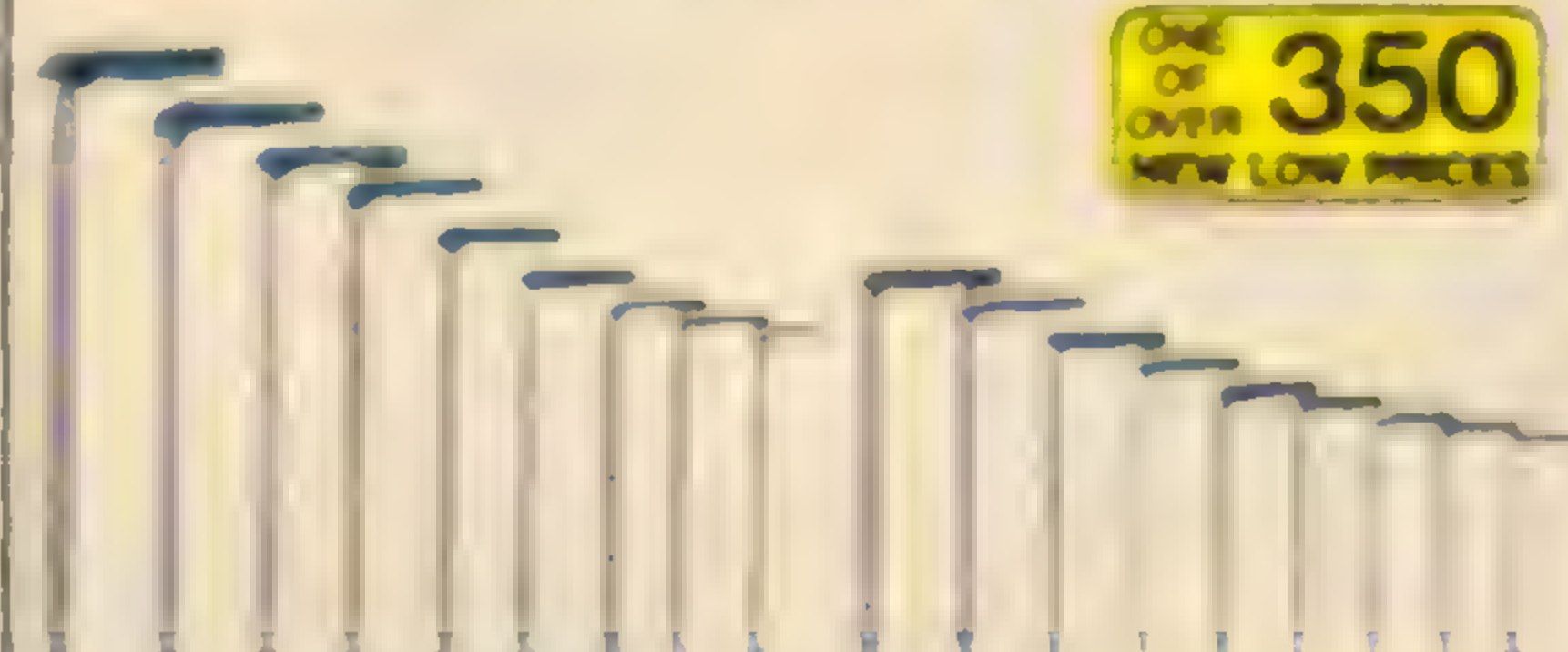
18-Pc. Hex Key Set

350

199

Was \$2.29 in 1983 Catalog

Complete range of short and long arm hex key sizes. 64-1849 . . . 1.99



8 1/2" Multi-Wrench

399

A single tool that can handle even rusty nuts and bolts from 3/8" to 13/16" (9mm to 22mm). Automatically adjusts. 64-1863 . . . 3.99



Solar Cigarette Lighter

199

Flameless! Parabolic mirror lights cigarettes in seconds. Carry pouch. 61-2797 . . . 1.99



Mini Fluorescent Light

NEW FOR '84

895

For Instant Light At Home or Away!

Surprisingly bright and feathery light! Perfect for camping, highway emergencies and black-outs. Small enough for backpack or glovebox. Also has built-in spotlight. Handy carry cord. 8 x 2 1/4 x 1 3/8". Requires three "C" batteries. 61-2734 . . . 8.95



Handy Flashlights, Low As \$1²⁹

C 5-Cell Flashlight. Requires 5 "D" batteries. 68-1022 . . . 1.98

D Standard "D" Cell. Requires 2 "D" batteries. 61-2624 . . . 1.29

E Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 . . . 1.69

F Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2639 . . . 1.69

G Magnet Light. Requires 2 "D" batteries. 61-2640 . . . 2.69

H Search Light. Requires 3 "D" batteries. 61-2635 . . . 2.79

J Handy Pen Light. Requires 2 "AA" batteries. 61-2626 . . . 1.99

K 6 Volt Lantern. Requires 6 Volt "spring terminal" lantern battery. 61-2628 . . . 3.49

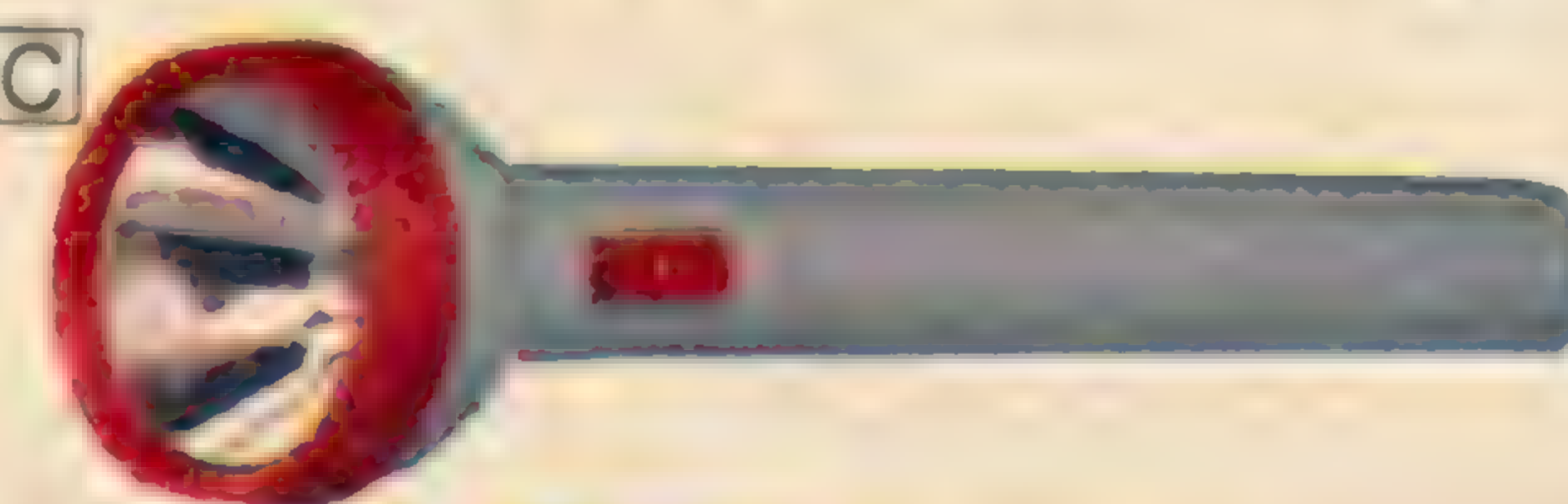
L "D" Cell Lantern. Requires 4 "D" batteries. 61-2634 . . . 2.99

M "C" Cell Lantern. Requires 4 "C" batteries. 68-1034 . . . 1.98

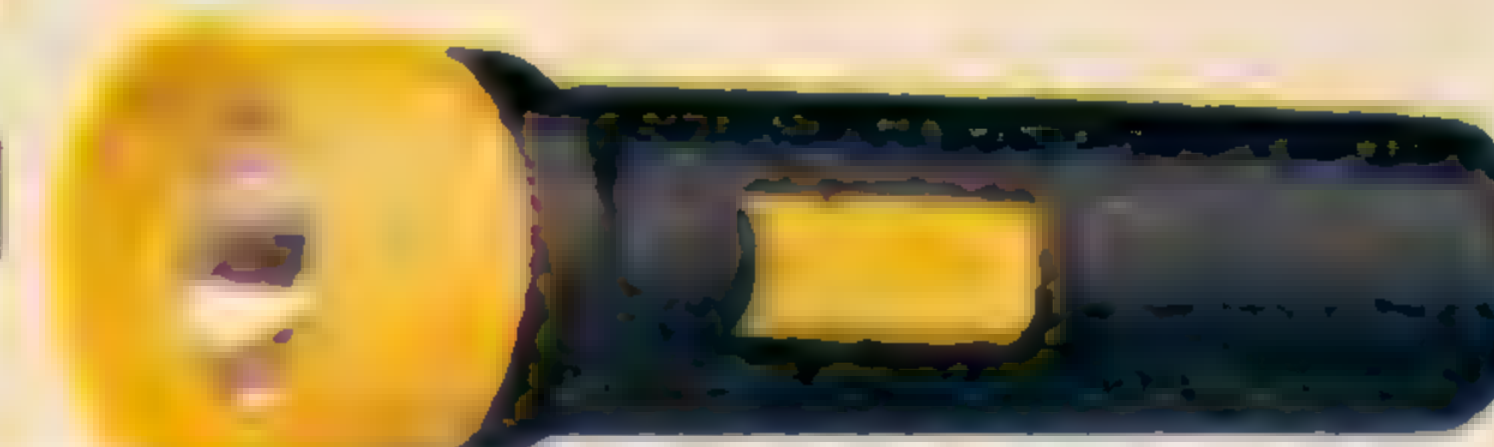
N Disposable Clip Light. With battery. 61-2625 . . . 1.69

O Disposable Hand Light. With battery. 61-2636 . . . 1.99

C



D



E



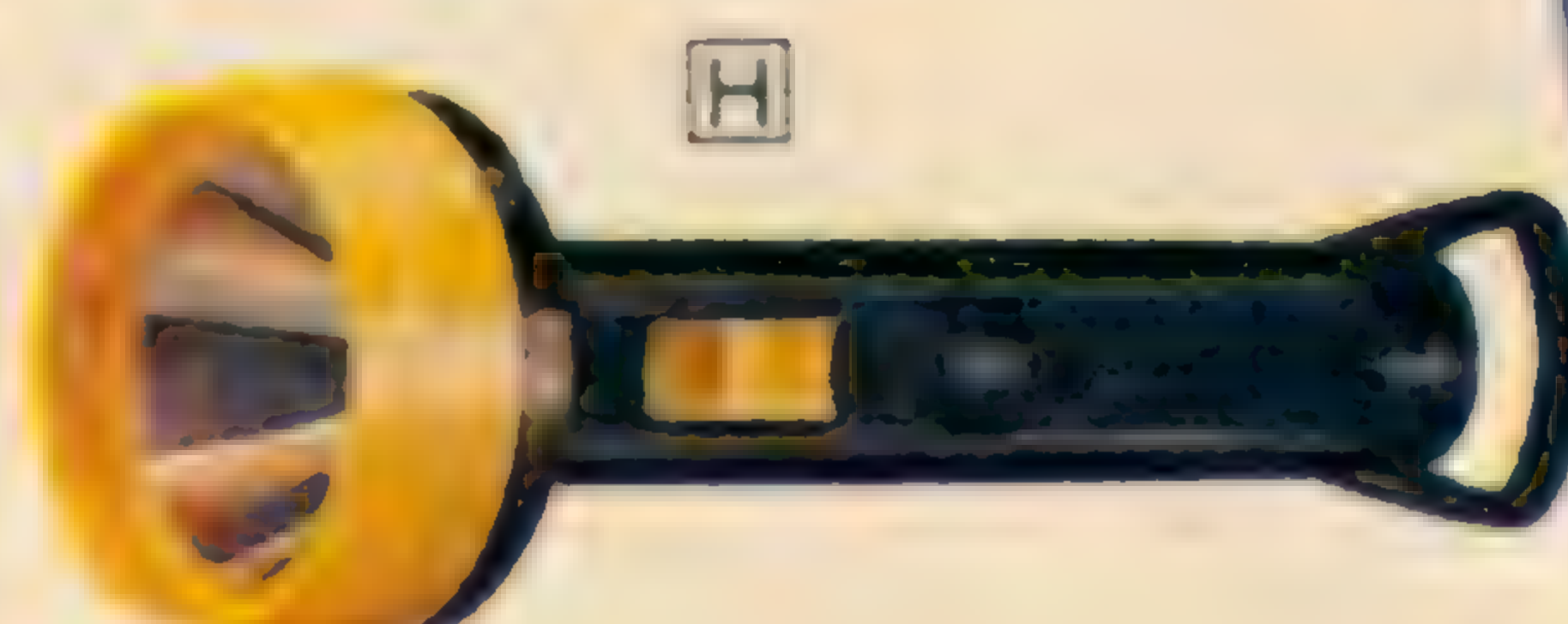
F



G



H



J



N



L



M



O



See Page 150 for Everything in Flashlight Batteries

SHOP SHACK® FOR YOUR ELECTRICAL ACCESSORIES

Noise Filter/Voltage Spike Protector



21⁹⁵

NEW
FOR '84

- Ideal for Expensive Audio, Video and Computer Systems
- Plugs Into Existing Grounded AC Outlet

Guards sensitive equipment from line noise and harmful spikes. Toroid coil filter protects electronic equipment from line noise in the 0.5 to 5 MHz range, and prevents equipment-generated noise from entering line. MOV spike protector absorbs power surges that could damage ICs. Neon indicator shows all circuits functioning. Three-wire. 10A at 120VAC. U.L. listed. 61-2785 21.95

Wireless RF Remote Control Switch



34⁹⁵

- 50-Foot Range
- Digital Coded Operation

Plug switch into AC outlet, then plug appliance into switch. Changeable digital codes prevent interference. 1000W. U.L. listed. Transmitter requires 9V battery. FCC registered. No license required. 61-2665 34.95

Switch On Lights Before Entering

Wireless Sonic Remote Switch

27⁹⁵



Armchair Convenience! Get Instant Remote Control of Lights and Appliances From Up to 100 Feet Away

No cords, wires or batteries. Signal processor controls TV, stereo, lamps and appliances. Just plug into AC outlet, squeeze hand-held whistle, and devices turn on or off. Adjustable range. Handles 400 watts. U.L. listed. 61-2660 27.95

Automatic Lamp Control

NEW
FOR '84



7⁹⁵

Control your lamps with sunlight. Turns power on at dusk and off at dawn. Just mount lamp control in an area reached by sunlight, then plug control into 120VAC outlet and plug lamp into control. 300 watts maximum. For incandescent indoor use only. U.L. listed. 61-2774 7.95

Automatic Light Control

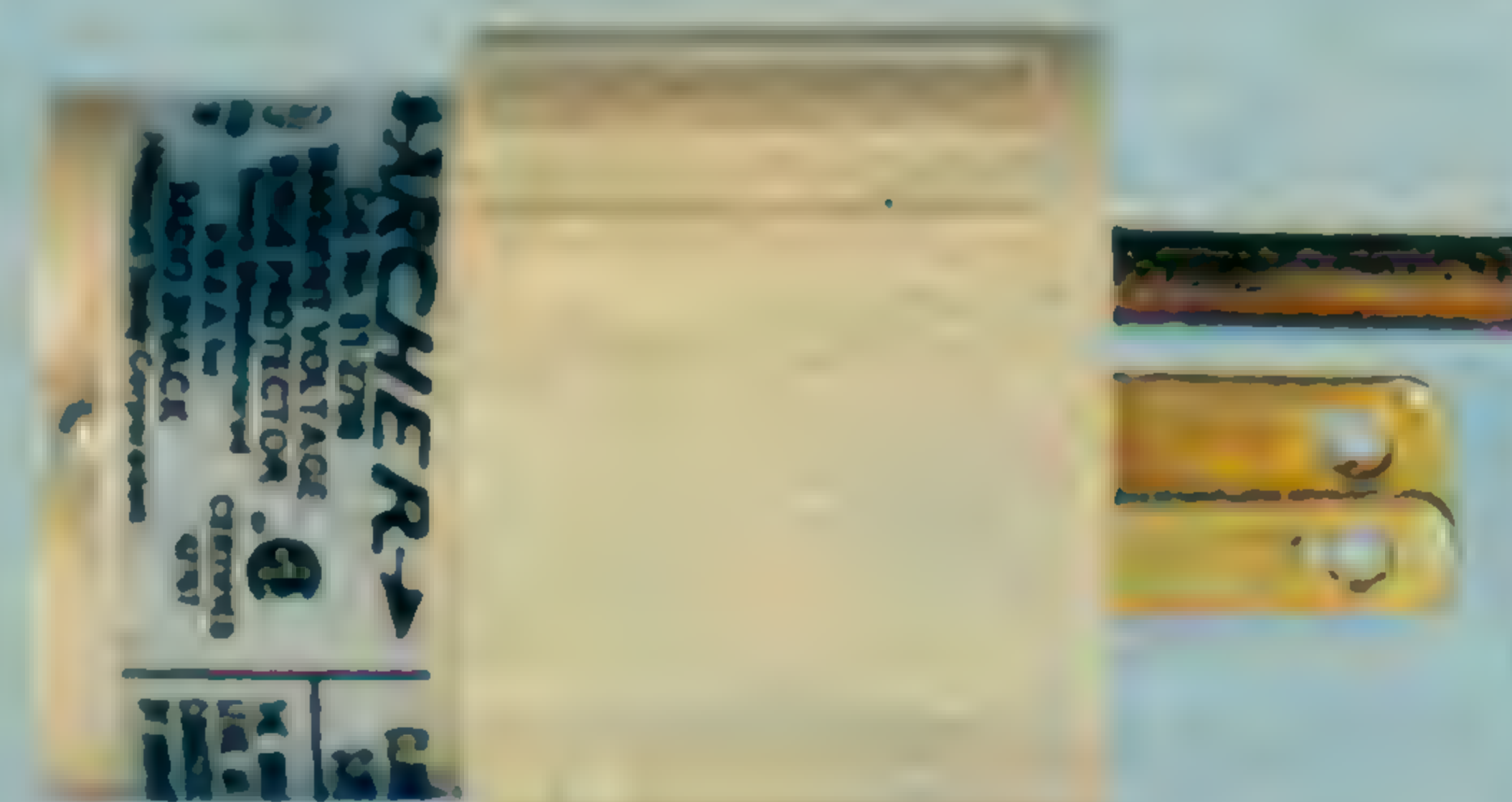


8⁹⁵

Turns Lights On at Dusk and Off at Dawn

Use outdoors or for some indoor applications, in any position—ideal for driveway entrances, patio or anywhere you need light. Fits PAR-38 floodlight sockets. With lens shield and washer. 150 watts maximum. U.L. listed. 61-2775 8.95

Voltage Spike Protector

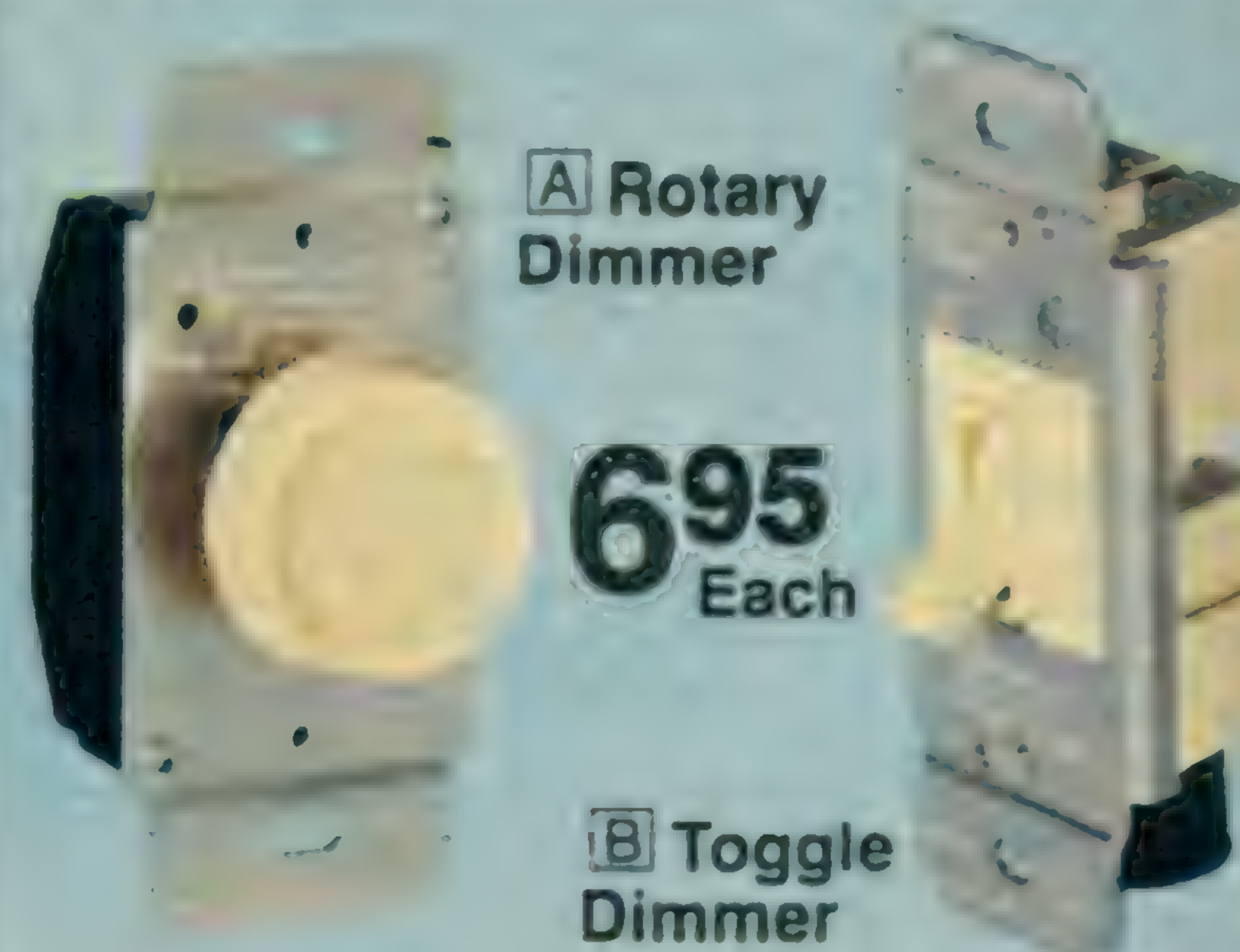


9⁹⁵

Protect Your TV and Other Solid-State Equipment From High-Voltage Surges

No wiring necessary—just plug into wall socket. Absorbs excess spike energy and allows only a safe voltage level to reach your equipment. Rated 15A at 120VAC. U.L. listed. 61-2790 9.95

Light Dimmer Switches



A Rotary Dimmer

6⁹⁵ Each

B Toggle Dimmer

A Rotary Dimmer. Push-on/off rotary dial varies lighting to suit the occasion. Fits standard wall box. 120VAC, 600W max. Incandescent only. U.L. listed. 61-2699 6.95

B Toggle Dimmer. On/off positions plus full-range dimming in between. Same ratings as above. 61-2694 6.95

Plug-In Power Strips



Electrically Grounded

Low As
15⁹⁵

C 4-Outlet. Extra outlets for appliances and other items. Push-to-reset circuit breaker. Includes 6-foot cord and grounded plug. Rated 15 amps, 125 volts. U.L. listed. 61-2620 15.95

D 6-Outlet. Same as above, with two additional outlets. On/off switch and "power on" indicator light. 61-2619 21.95

Handy Electrical Accessories



All U.L. Listed for Electrical Safety

- E 4-Outlet Plug. Two-wire type. 61-2621 1.99
- F 6-Outlet Plug. Three-wire type. 61-2622 3.49
- G 3-Outlet Plug. 61-2705 1.99
- H 3-Plug Cube Tap. 61-2701 Pkg. of 2/1.09
- J Quick Plug. 61-2702 Pkg. of 2/1.19
- K Flush Wall Plug. 61-2703 Pkg. of 2/1.59
- L Mini Line Cord Switch. 61-2713 99¢
- M Grounded Adapter. 61-2720 Pkg. of 2/1.09

U.L. Listed Extension Cords



N 25-Foot 2-Wire One Outlet Cord. Polarized plug and socket. 61-2759 3.49

O 12-Foot Power Center Extension Cord. 3-prong grounded plug with three outlets. 61-2763 5.49

P 3-Foot Cord. As above. 61-2762 3.99

Standard. Polarized, 2-wire cube outlet.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39

ENERCELL® RECHARGEABLE BATTERIES SAVE MONEY

Nickel-Cadmium Batteries— Use Them Over and Over

- Keep Working Long After Other Batteries Have Worn Out
- Steel-Clad and Insulated for Dependability
- Choose From Five Popular Sizes

Stop wasting money on one-life batteries. ENERCELL batteries can be recharged time and again with the chargers below. Available in sizes "D", "C", "AA", "AAA" and for 9V applications. The most efficient source of reusable power available. Rated 1.25V.

Fig.	Type	Replacement for			Cat. No.	Pkg. of 2
		Eveready	GE	Duracell		
A	D	CH1.2/D	GC3	NC 13D	23-123	6.19
B	AA	CH500	GC1	NC15AA	23-125	4.39
C	C	CH1.2/C	GC2	NC14C	23-124	6.19
D	9V*	CH22BP	GC9B	NC169VB	23-126	9.95 Ea.
E	AAA	.....	.....	.....	23-127	4.39



Archer® "AA" Battery Charger

695 Batteries not included

Plugs Into AC Wall Outlet

Recharges "AA" size nickel-cadmium batteries. Snap-on module charges two or four batteries at a time. U.L. listed. 23-133 6.95

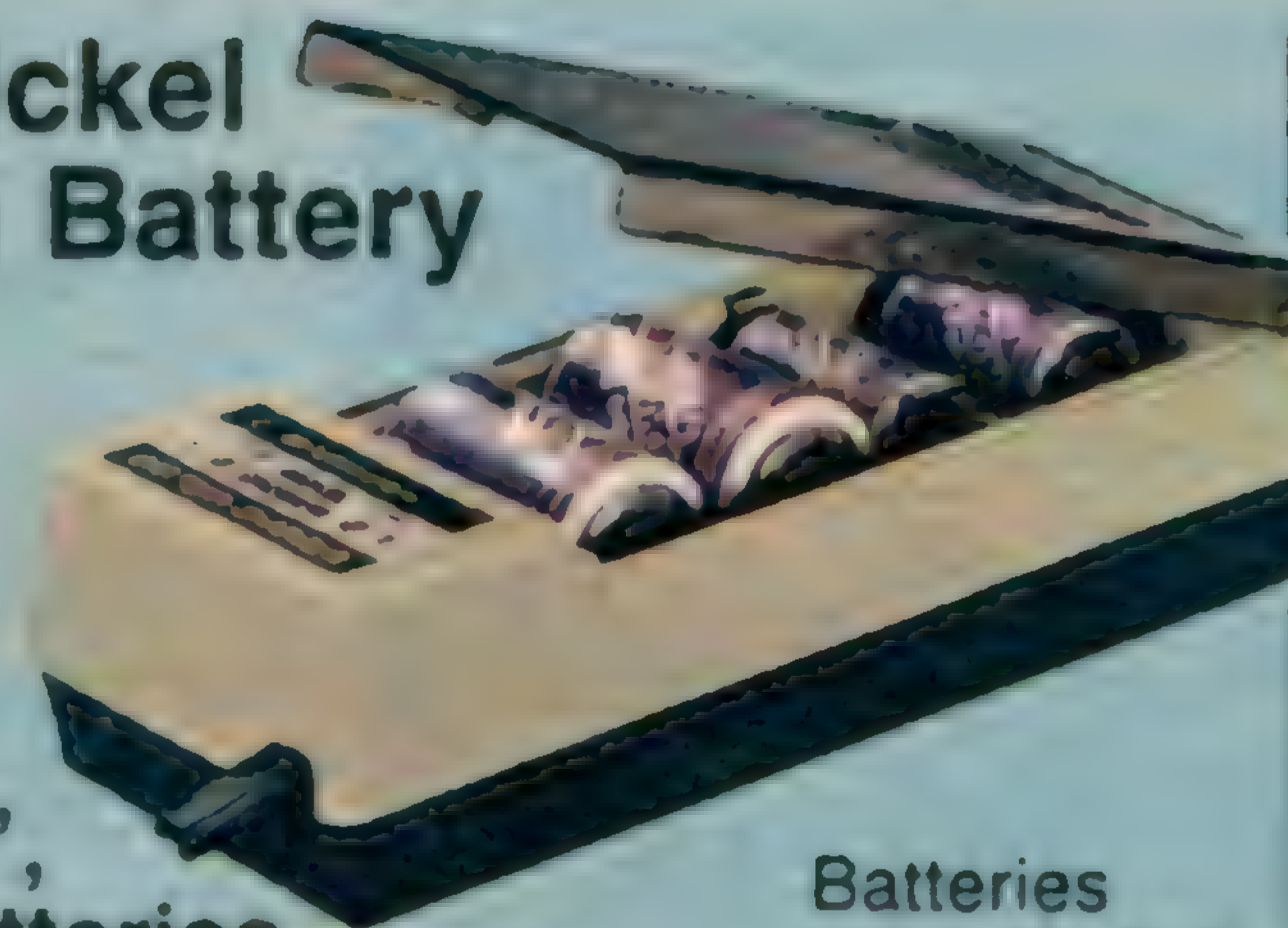


Archer Nickel Cadmium Battery Charger

1195

For "D", "C", "AA", 9V Batteries

Recharges in 7 to 14 hours, depending on initial charge. Recharge two batteries of different size at the same time. U.L. listed. 23-132 .. 11.95



Deluxe Archer Battery Charger

2995 **NEW FOR '84**

Automatically Regulated Charging Rate

Batteries not included

Available Oct. 30

Charge up to ten "C", "D", or "AA" batteries at a time in any combination of twos. Or charge up to three 9V batteries. LEDs show when system is charging. U.L. listed. 23-134 29.95



Transistor Battery Charger

395 Battery not included

Costs pennies in electricity per year—and saves dollars on batteries. For nickel-cadmium 9V applications only. U.L. listed. 23-131 3.95



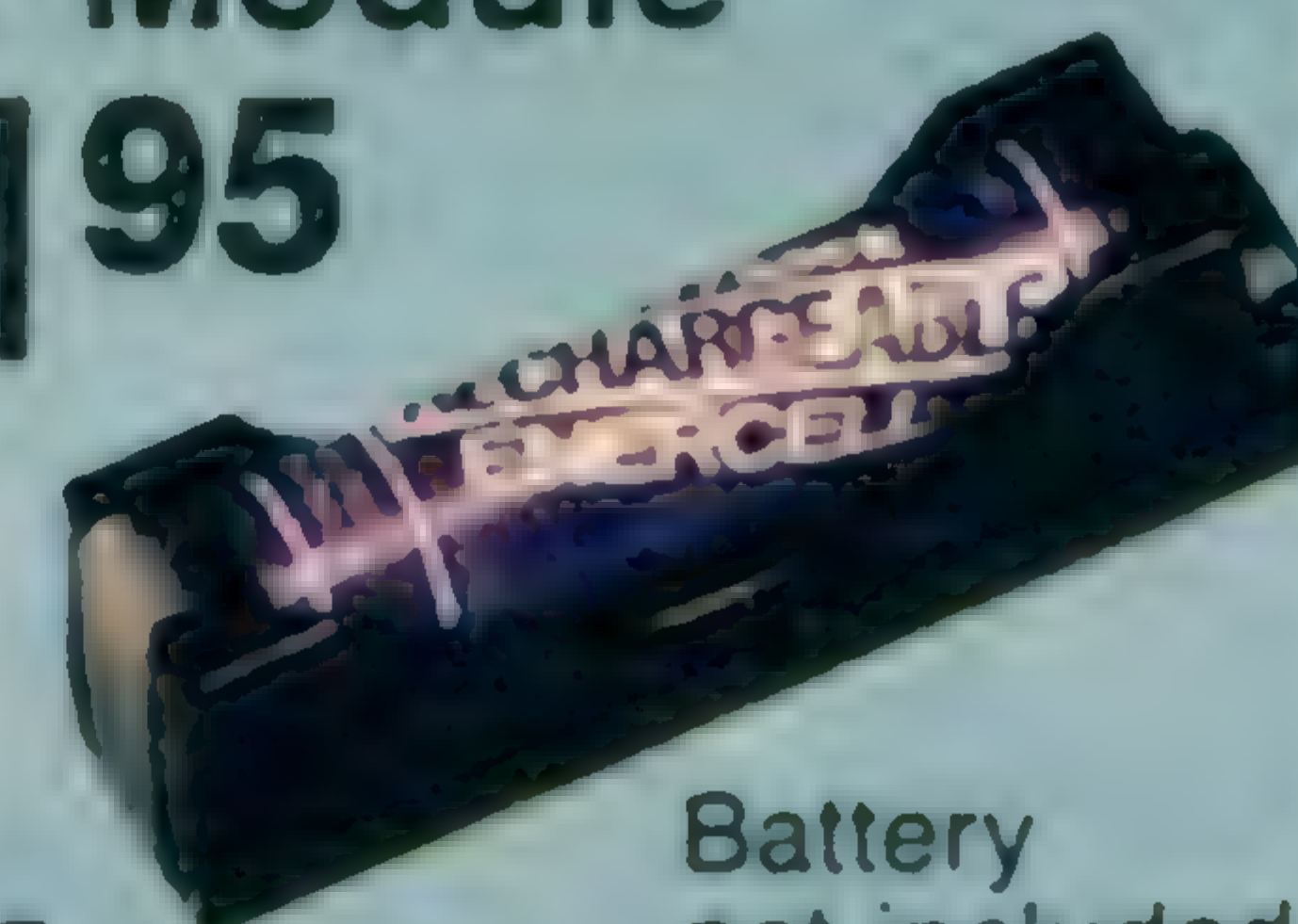
"AAA" Charger Module

NEW FOR '84

Available Sept. 30

195

Holds one "AAA" nickel-cadmium battery, fits into 23-132 and 23-134 chargers. 23-135 .. Pkg. of 4/1.95



Radio Shack is The Place for Those "Hard-to-Find" Batteries

Portable Lantern

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
F	12	926	732	M926	23-007	10.39
G	6	944	1209	M918	23-016	4.49



Transistor Radio

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
H	22.5	221	505	M505	23-510	4.29
J	1.5	716-4	904	910F	23-574	.29



Smoke Alarm

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
K	12.6	.....	304116	304116	23-670	10.95
L	11.2	.....	E431BP	TR431	23-671	10.95



Miniature

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
M	1.4	T640-1	E640	RM640	23-1515	2.19



Photo/Lighter

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
N	12.0	.....	A544	PX28L	23-144	.89
O	6.0	.....	E164	PX32B	23-469	3.79
P	5.6	.....	EPX13	PX13B	23-463	4.95
Q	1.35	.....	539	7K67	23-470	1.99
R	6.0	.....	867	.....	23-471	3.29



Specialty

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Ever-easy	Dura-Cell		
S	7.0	T175	E175	TR175	23-601	4.59
T	1.4	T401	E401	RM401	23-660	1.49
U	4.2	T133	E133	TR133	23-1523	6.39
V	8.4	.....	E146X	TR146X	23-1527	6.69



ENERCELL BATTERIES FOR THE POWER YOU NEED



A 6V Lantern B 1.5V "D" Cell C 1.5V "C" Cell D 9V Rect. E 1.5V "AA" Cell

For General Purpose Applications

- Cost Less Than Most Brands
- Protected Against Leakage

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong. Compare and you'll see what a value they really are.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Eveready	Ray-O-Vac		
A	6V	509	941	23-006	2.89
B	"D"	950	13	23-466	.34
C	"C"	935	14	23-467	.34
D	9V Rect.	216	1604	23-464	.59
E	"AA"	915	15	23-468	.27

Get Your **FREE** Battery Card!



\$708 Value

Join our Battery-A-Month Club and get a Radio Shack "D", "C", "AA" or 9V General Purpose ENERCELL each month, FREE, for a whole year! Nothing to buy, no obligation!

Good at Participating Radio Shack Stores and Dealers



F 1.5V "D" Cell G 1.5V "C" CELL H 9V Rect. J 1.5V "AA" Cell K 1.5V "AAA" Cell

Power for Heavy-Duty Use

- "Miracle Seal"—Greater Leak Protection
- Up to 3 Years Shelf Life
- Rigid Steel Case
- Stock Up—Be Prepared For Emergencies

Save money by stocking up on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer replacements! Up to 3-year shelf life and reliable discharge voltage give you even more for your money.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
F	"D"	6D	1250	23-580	.55
G	"C"	4C	1235	23-581	.55
H	9V Rect.	D1604	1222	23-583	.99
J	"AA"	5AA	1215	23-582	.45
K	"AAA"	400	912	23-584	.35

Archer® Home Battery Charger

Charges 2 or 4 Regular or Extra-Life Batteries



Power Indicator
Batteries not included

12⁹⁵

Revitalizes your radio and flashlight batteries. Charges all popular sizes: "C", "D", "AA", and 9V. Cannot overcharge. For General-Purpose and Extra-Life batteries only. 2 1/4 x 8 1/2 x 3 3/4". U.L. listed. 23-120 12.95

Deluxe Battery Tester With 8 Ranges

NEW FOR '84

995

Leads for Testing Non-Standard Batteries

Accurately measures batteries under actual "load" condition. Ranges include 1.5/3/6/9/12/15/22.5 volts. Tests almost any type of electronic, flashlight or button battery—including carbon-zinc, alkaline, mercury, silver oxide, nickel cadmium and lithium types. 5 x 3 1/2 x 1 1/2". 22-031 .. 9.95



Handy Battery Checker

NEW FOR '84

695

Tests "D", "C", 9V, "AA", "AAA", "N" Sizes

For most popular types. Checks zinc carbon, alkaline, mercury and nickel cadmium batteries. Large, easy-to-read meter. 5 1/2 x 2 1/8 x 1 7/8".

22-096 6.95



"Radio Shack" Battery Checker

Styled Like Our Popular ENERCELL Batteries

399



A real charge in battery testing, direct from Radio Shack! Meter indicates strength. For 9V "transistor", 1.5V "C", "D" and "AA" sizes. 4 1/4 x 3 1/4 x 1". 22-098 3.99

Prices Apply at Participating Radio Shack Stores and Dealers

DEPENDABLE LONG-LIFE ENERCELL® ALKALINES

Alkalines—Your Source of Long-Lasting Power

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life • Anti-Corrosion Contacts
- High Output at Low Temperatures • For All Standard Uses

Each of our exclusive alkalines delivers top performance even at high current drain and retains full power during long-term storage. Steel-clad, insulated and dependable!

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
A	"C"	814	E93	MN1400	23-551	Pkg. 2/2.49
B	9V Rect.	A1604	522	MN1604	23-553	Each 1.99
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/2.99
E	"N"	810	E90	MN9100	23-023	Pkg. 2/1.49
F	"D"	813	E95	MN1300	23-550	Pkg. 2/2.49



Toys Run Longer!



Radios Play Longer!



Extended Power In Flashlights!



Longer Life For Walkie Talks!



A 1.5V "C" Cell

B 9V Rect.

C 1.5V "AAA" Cell

E 1.5V "N" Cell

D 1.5V "AA" Cell

F 1.5V "D" Cell

ENERCELL Watch and Calculator Batteries

- Extra Protection Against Leakage
- Keeps Working Harder and Longer

These ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.



Lithium Watch And Calculator Batteries

- Longer Shelf Life
- Superb Leakage Resistance

A breakthrough in lightweight, high-voltage, high energy-density power for watches and calculators. Lithium cells are the latest in high-performance power sources.



Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357/10L14	G13, 541	23-009	2.19
389	389	RW49	D389/10L122	G10, V10GS	23-101	1.49
392	392	RW27/47	D392/10L125	G3, 547	23-102	.99
393	393	RW28/48	D393/10L123	G5, 546	23-103	1.49
303	303	...	D303/WS14	GS14, 521	23-104	2.19
357	357	RW22/42	D357/10L14	G13, 541	23-105	2.19
386	386	RW24/44	D386/10L124	G12, 548	23-106	1.69
391	391	RW40	D391/10L130	G8, V8GS	23-107	1.29
323	323	RW58	D323, WH6	Type C, 506	23-108	1.19
343	343	RW56	D343, WH8	Type B, 509	23-109	1.19
362	362	RW310	D362	Type S, 532, SR721	23-110	1.39
364	364	RW320	D364	Type T, 531, SR621	23-111	1.39
396	396	RW411	D396	Type V, 556, SR726	23-112	1.39
399	399	RW413	...	Type W, 543, SR926	23-113	1.39
P675	EP675	RP675	MP675	8107, M13	23-1521	Pkg. 2/1.39

Radio Shack	Replaces			Cat. No.	Each
	G. E.	Eveready	Duracell		
CR2016H	CR2016	E2016	DL2016	23-160	1.79
CR2025	CR2025	E2025	DL2025	23-161	1.79
CR2032	CR2032	E2032	DL2032	23-162	1.79
CR2320H	...	E2320	...	23-163	1.79

Maximum-Performance Alkaline Calculator Batteries

Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.

Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Maxell	Other		
357A	A76	RW82	LR44	V13GA, 76A	23-115	.79
386A	186	RW84	LR43	V12GA, 86A	23-116	.79
389A	189	RW89	LR1130	10GA, 89A	23-117	.79
391A	191	...	LR1120	...	23-118	.79

Mercury Hearing Aid Battery Pack

Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need.



Radio Shack	Replaces				Cat. No.	Price
	Eveready	Ray-O-Vac	Duracell	Other		
P675M	EP675	RP675	MP675H	8107.675MP	23-145	Pkg. 6/2.79
13M	E13E	R13	RM13H	8118.M13	23-146	Pkg. 6/2.69

SAFE, SOLDERLESS SCIENCE FAIR® HOBBY KITS



Includes 186-page lab manual

Increase Your Knowledge With 160 Challenging Electronics Projects

29⁹⁵

Includes Everything you Need to Work All Projects Featured in Kit

Build radios, learn about solar telemetry, experiment with computer circuits, and much more! Parts are pre-mounted with spring-clip connectors. All projects are solar or battery powered. Requires one 9V and two "AA" batteries. 28-258 29.95



50 Electronic & Magnetic Projects

Electronic Organ Kit

30 Projects Make Learning Fun



19⁹⁵

Finished Wood Workbox With Pre-Mounted Parts

Stimulates young minds. Build a radio, telegraph, Morse code system, and more. Work with transistors, diodes, resistors and capacitors. With lab-type manual. Requires two "AA" and one 9V battery. 28-227 19.95

NEW FOR 84

12⁹⁵

With 18 Keys Including Sharps and Flats

Build a tunable organ that plays natural and chromatic musical scales. Built-in speaker. With song book. Requires 9V battery. 28-251 12.95



14⁹⁵

Parts Are Pre-Mounted In Sturdy Molded Case

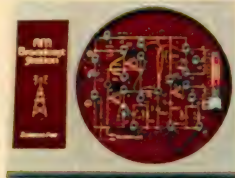
Construct a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Requires two "AA" batteries. 28-161 14.95



Ten Electronic Projects

9⁹⁵

Build a water detector, code system, "and", "or" and flip-flop computer circuits. Requires 9V battery. 28-160 9.95



AM Radio Broadcaster Kit

NEW FOR 84

7⁹⁵

Talk or sing through any standard AM radio up to 40 feet away. With microphone. Requires 9V battery. 28-233 7.95

AM/FM Radio Kit Tunes In Fun

12⁹⁵

Includes Preamplified FM tuner and four transistors. With earphone. Requires two "AA" batteries. 28-234 12.95



VHF "Action" Radio Kit

14⁹⁵

Hear Police, Aircraft, Weather

Police bands vary. Check for local frequencies.



Covers 108-135 MHz and 147-174 MHz bands. With dust cover and earphone. Requires 9V battery. 28-221 14.95

"Old-Time" AM Radio Kit "Plays Forever"

4⁹⁵

No tubes, transistors or batteries. Like the very first radios, a crystal converts RF to audio. With earphone. 28-219 4.95



Build a Transistor AM Radio

6⁹⁵

Listen to local stations. Tunes entire 550-1600 kHz band. With earphone. Requires 9V battery. 28-229 6.95

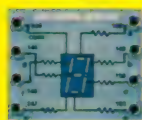


PROJECT KITS FOR ELECTRONICS LEARNING FUN

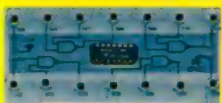
Our Largest Lab Kit! 200 Projects

44⁹⁵

A Great Introduction Into the
Exciting World of Electronics!



7-Segment LED



2 Integrated
Circuits



Meter



Includes 128-page lab-type manual
with easy-to-follow instructions



No prior knowledge of electronics necessary! Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much more. You also get two integrated circuits to learn computer fundamentals. All parts are pre-mounted in the molded case with out-front controls and speaker. Includes see-thru dust cover. Requires six "AA" batteries. 28-249 44.95

Discover the Miracle of Solar Power

**NEW
FOR '84**

14⁹⁵

Solar cells power most projects: radios, a light-activated alarm, electronic storage tank, others. Springclip assembly. Requires 9V battery.

28-255 14.95

Digital "Computer" Kit

26⁹⁵

100 Exciting
Projects

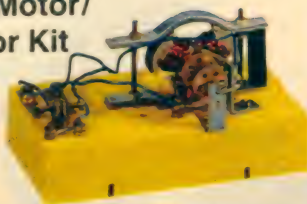
Learn about programming, binary math, health, geography and more. Lighted display, ten control switches. Springclip assembly. 68-page manual. Requires three "C" batteries.

28-218 26.95



Electric Motor/ Generator Kit

9⁹⁵



Tri-polar motor measures RPM and current, powers devices. Requires two "C" batteries. 28-194 9.95

Learn All About Aeronautics

19⁹⁵

100 Flight Projects



Build a helicopter, flyable model plane, helium balloon. Includes lab-type manual. 28-196 19.95

ArcherKit® . . Solder Kits for Advanced Hobbyists



A 7⁹⁵



B 19⁹⁵



29⁹⁵



D 12⁹⁵

A 8-Range Multitester Kit. Pocket-sized. 1000 ohms/volt DC sensitivity. Measures to 1000V, AC and DC, in six ranges, DC current to 150mA, resistance to 100,000 ohms. With leads. Requires "AA" battery.

28-4012 7.95

B 25-Range Multitester Kit. Color-coded mirrored scale. 20,000 ohms/volt DC sensitivity. Measures to 1200V, AC and DC, in 12 ranges, DC current to 60 μ A, and 0-300 mA in three ranges, resistance to $R \times 1000$. With leads. Requires "AA" battery. 28-4013 19.95

C 43-Range Multitester Kit. 50,000 ohms/volt DC sensitivity. Range Doubler switch for high accuracy. Measures to 1000V, AC and DC, in 28 ranges, DC current to 10A in 10 ranges, resistance to $R \times 10,000$ ohms, dB from -20 to +62. With leads. Requires "AA" and 9V batteries. 28-4014 29.95

D Portable AM Radio Kit. Printed circuit boards for easy assembly. Built-in speaker, plus earphone jack for private listening. 540-1600 kHz. With instructions. Requires 9V battery. 28-4029 12.95

YOU'RE IN THE DRIVER'S SEAT WITH RC VEHICLES



High-Performance, Authentic BMW 323 Racer

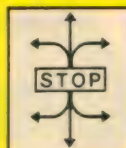
Multi-Function Remote Control Lets You Move Forward and Backward, Stop, Turn Right and Left in Both Forward And Reverse

NEW
FOR '84

29⁹⁵

Steering
Trim Adjustment

You're the driver of this sleek, powerful racing machine. Highly responsive controls for high-speed racing! Requires four "AA" and two 9V batteries. 10 3/4" long. 27 MHz. 60-3083 29.95



High-Speed Porsche 928 Racer

11⁹⁵



Authentically
Styled

When the green flag drops, GO! Hand-held transmitter is your "steering wheel" for forward, reverse/turn commands at your fingertips. Requires four "AA", two 9V batteries. 9" long. 27 MHz. 60-3041 11.95



Sleek Mustangs for Exciting Fast-Paced Action



- Two Different Frequencies—Race 'em Against Each Other
- For Any Smooth Surface

19⁹⁵
Each

Authentically-styled racers that really fly across the racetrack. Each requires three "AA", two 9V batteries. 8" long.

- [A] Mustang. 27 MHz. 60-3077 19.95
- [B] Mustang. 49 MHz. 60-3078 19.95



Highway Patrol Motorcycle

NEW
FOR '84

29⁹⁵

- A Road-Action Patroller
- Banks Into Turns Like Real Motorcycles

Remote control moves it forward, left and right. Removable rider. Requires six "AA", one 9V battery. 11 1/2" long. 27 MHz. 60-3091 29.95



Digital Proportional Racers With Direct Response to Your Commands



39⁹⁵

NEW
FOR '84

- Full Control at Your Fingertips
- Speed and Steering Trim Adjustments
- Detailed, Authentic 1/15-Scale Styling

BMW M1. Pretend you're at the wheel of this dynamic racer. Clutch in, RPMs up, Green flag, Go! Races forward and reverse, turns left/right, stops. Requires six "AA", one 9V battery. 11 1/2" long. 27 MHz. 60-3088 39.95



59⁹⁵

Was \$69.95 in
1983 Catalog

- Moves Forward and Reverse, Turns Left and Right Proportionally
- Dual-Speed Control Switch
- Direct Response to Your Commands

Porsche 935. Grab the wheel and fasten your seat-belt for a high-speed race to the finish. For ages 6 and up. Requires ten "AA", five "C" batteries. 14" long. 27 MHz. 60-3045 59.95



49⁹⁵

- Three Gear Levels for Climbing, Driving and Racing
- Quick Forward/Reverse Starts
- Durable Construction

Jeep® Renegade®. Traverses the most rugged terrain or speeds by the fastest racers. Goes forward and reverse, turns left and right, stops. Requires five "C", six "AA" batteries. 13 1/2" long. 27 MHz. 60-3089 49.95



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ROBOT "ARM" FOR HOURS OF EXCITING ACTION

Armatron™ Provides Fun and Creative Enjoyment for the Whole Family



"It is addictive after you first flip the power switch. If you buy one for yourself, either get another for the kids or don't let them see it."

Robotics Age Magazine, Copyright 1982



31⁹⁵

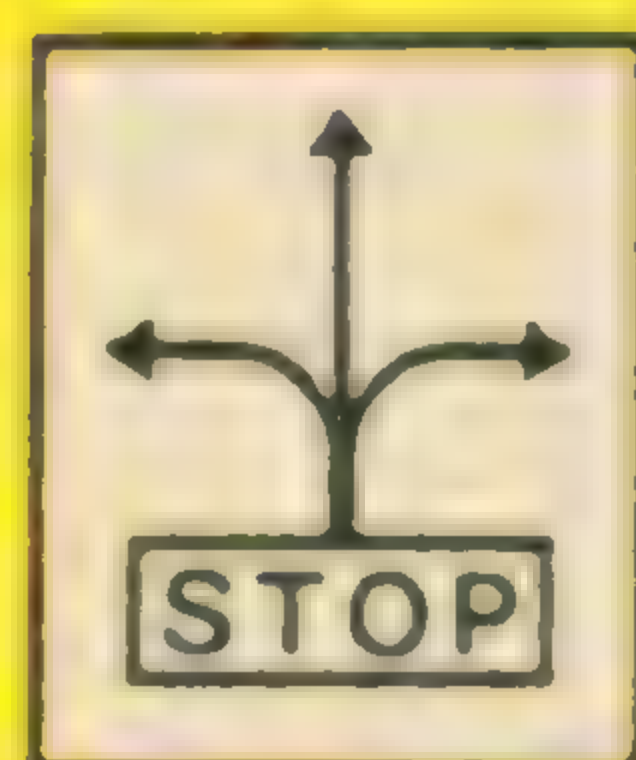
Armatron works just like real robots. You can manipulate it to execute "hazardous" scientific experiments in your "laboratory" or add cream and sugar to your coffee. It can even move game-board pieces for you. Two joysticks activate all its motions for total command—simply rotate them in the proper direction and it will give you the movement necessary to grip, pick up, rotate, move and release. The rubber-coated pinchers are excellent for secure gripping. You can compete with Armatron, too. Just use the energy level meter as a countdown timer and test your skill against an opponent. Includes globe modules, cannisters and cones for exercising delicate operations. Good clean fun for kids of any age. Requires two "D" batteries. 14" high at maximum arm extension. Base, 8¹/₄" wide and 6¹/₂" long. 60-2364 31.95

Take Command With These Battlefield Replicas



24⁹⁵

A



NEW FOR '84

14⁹⁵

C



NEW FOR '84

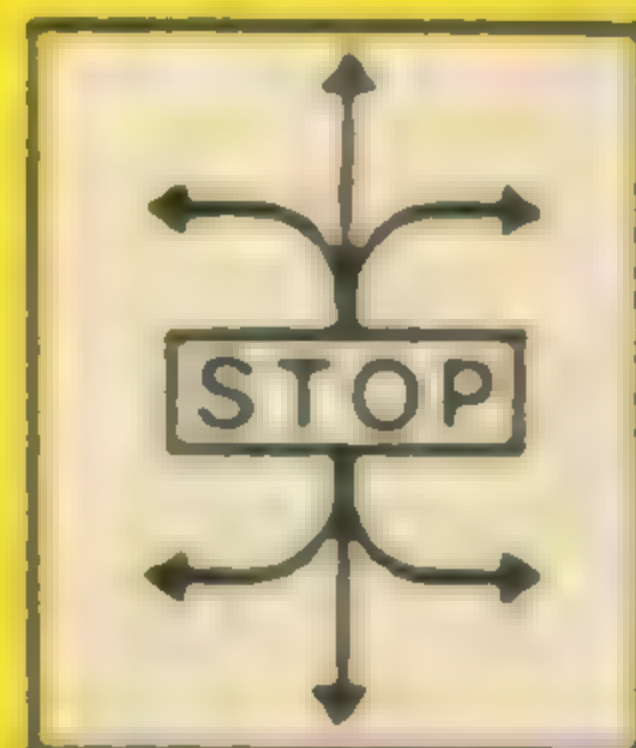
27⁹⁵

D



39⁹⁵

B



A Battle Tank. A realistic-looking tank for action-packed fun! Attacks or evades with forward, right and left, stop commands. Requires three "C", two 9V batteries. 8¹/₂" long. 27 MHz. 60-3009 24.95

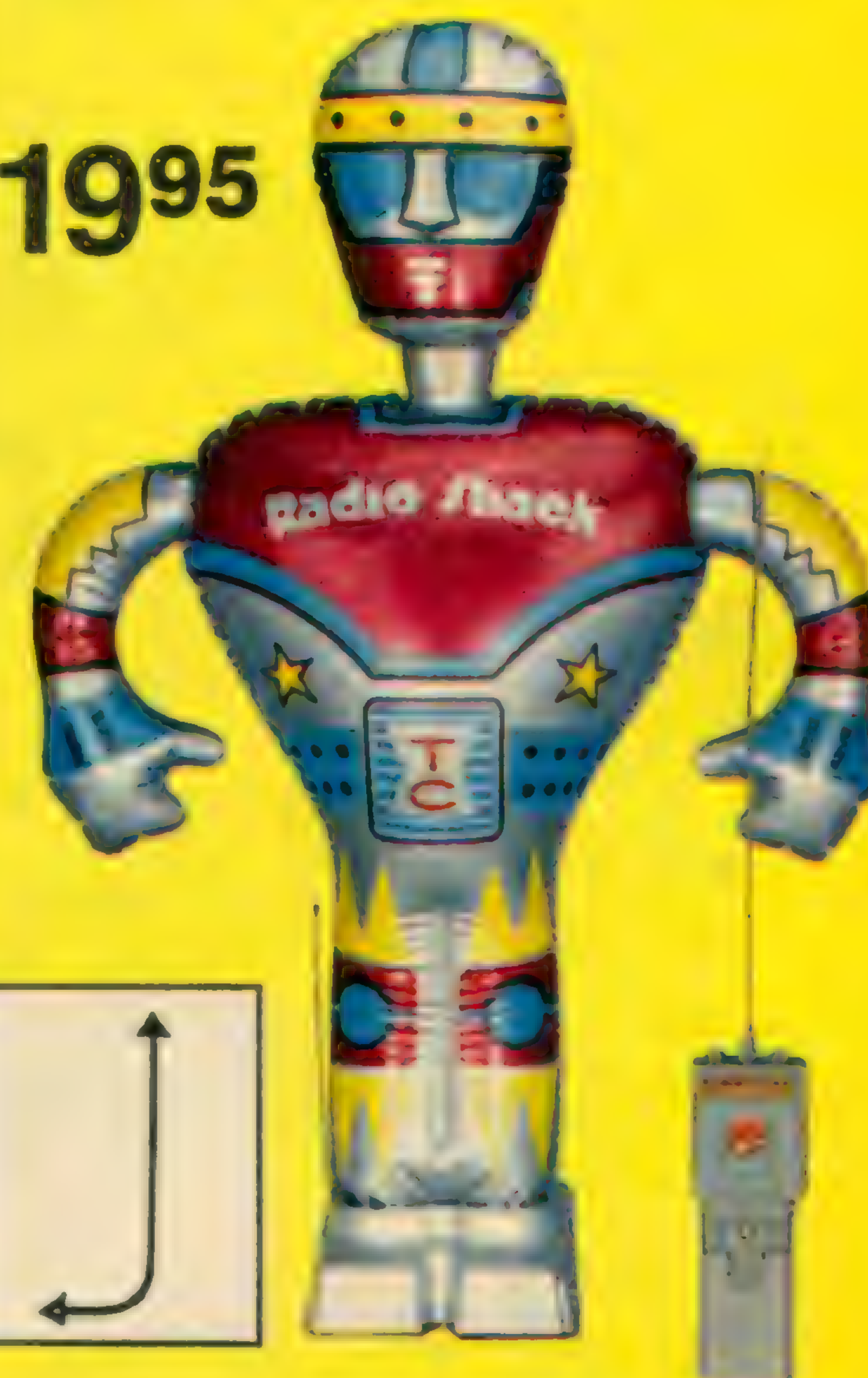
B Sherman Tank. A scaled down model of the renowned WW-II tank! Maneuvers forward, right and left, stops. Climbs 45° inclines. Requires three "C", two 9V batteries. 13" long. 27 MHz. 60-3037 39.95

C Budget. A US Army Jeep with provision for army action-figures. Forward, reverse/turn commands. Movable gun. Requires four "AA", two 9V batteries. 8³/₄" long. 27 MHz. 60-3087 14.95

D Deluxe. Just like today's military vehicles. Maneuvers forward/reverse, right/left, stops. Revolving gun for "real" simulated action. Requires four "AA", two 9V batteries. 9¹/₂" long. 27 MHz. 60-3092 27.95

Outer-Space Robot

19⁹⁵



He's at your command, and moves forward and turns in reverse at the touch of a button. Motorized base has on-off switch. An intergalactic buddy! Requires four "C", two 9V batteries. Over 36" tall. 27 MHz. 60-3023 . . . 19.95

GREAT GAMES FOR LOTS OF FAST-PACED ACTION

Alien Chase Space Battle With Double-Faced Display



**NEW
FOR '84**

39⁹⁵

- Twin Displays Let Two Players "Fight it Out" In Face-to-Face Competition—Or Play It Alone, Against the Computer
- Four Game Variations at Two Skill Levels

Bright
Fluorescent
Display



You're an astronaut patrolling in space. Your mission: capture the aliens as they leave their ship and take them to your home base. But be careful—your opponent's after them too, and he can steal them away. Of course you can go after his captives too, but watch out for his beam guns, and stay away from those meteorites! Brilliant 4-color fluorescent display, action sound effects for hours of fun. Sound On/Off switch. 6 1/4 x 5 7/8 x 8 3/16". Requires four "C" batteries or AC Adapter #273-1650. 60-2186 39.95

Fight Your Way to the Top Of the Hill With Kingman



**NEW
FOR '84**

29⁹⁵

- Four Separate Patterns of Increasing Difficulty
- Sound On/Off Switch
- Bright, Multi-Color Fluorescent Display

Help the young lad rescue the fair damsel from Kingman and his family. 1 x 3 3/8 x 7 1/2". Requires four "AA" batteries or AC Adapter #273-1650. 60-2184 29.95

Explore Dangerous New Worlds With Zackman



**NEW
FOR '84**

34⁹⁵

- Four-Direction Joystick Control
- Wide Fluorescent Color Screen
- Sound On/Off Switch

You're on a hostile planet and under attack. Fight off robots and falling rocks to get the energy capsule and get away. 4-direction joystick. 5 1/4 x 5 5/16 x 9 5/16". Requires four "C" batteries or AC Adapter #273-1650. 60-2185 34.95

Pocket Repeat Game



10⁹⁵ Computerized Fun That Goes Anywhere

Beat the computer at its own game—play back colors and sounds in the same sequence. Two different games in a "mini" size that fits pocket or purse. 1 5/16 x 3 1/8 x 3 1/8". Requires 9V battery. 60-2152 10.95

**NEW
FOR '84**

Fight Off Aliens With Cosmic 3000 Fire-Away



39⁹⁵

- Shoot Attacking Aliens Before They Get You
- Two Skill Levels

Avoid the bombs and fire! 3 x 5 3/8 x 10 3/8". Requires four "C" batteries or AC Adapter #273-1650. 60-2183 39.95

Shark Island Pocket Adventure Game



**NEW
FOR '84**

14⁹⁵

Liquid Crystal Display

Avoid sharks and falling coconuts. Two skill levels. 2 1/16 x 4 1/4 x 2 1/16". With batteries. 60-2179 14.95

Pocket King Kong™ Game



With 4-
Direction
Control
Button

**NEW
FOR '84**

19⁹⁵

Liquid Crystal Display

Climb the building to rescue the lady from King Kong, while avoiding his bombs. One or two players, four skill levels. 4 1/4 x 2 5/8 x 1 1/2". With batteries. 60-2182 19.95
TM King Kong is a trademark of Universal Studios, Inc.

MORE ELECTRONIC FUN AND GAMES FOR ALL AGES

Computerized Portable Sensory Chess

**NEW
FOR '84**

59⁹⁵



- Nine Levels of Play
- Memory Stores Unfinished Games And Lets You Finish Them Later

Tandy 1650 Chess. Great for beginners or advanced players. Lets you set up positions and problems for analysis. You can even ask the computer for move suggestions. Sensitive playing board with LED position indicators and soft-touch control panel keys. $1\frac{1}{2} \times 7\frac{3}{8} \times 4\frac{5}{16}$ ". Requires three "AA" batteries.

60-2187 59.95

LCD Computer Backgammon Game

**NEW
FOR '84**

59⁹⁵



- Play With a Friend Or Against the Computer
- Full LCD Board

Hours of fun for beginners or advanced players. Pushbutton controls let you move "pips" without error. Computer rolls at random—or comes with plastic dice, if you prefer to enter moves manually. Clear button lets you take moves back. Keeps game scores. $7\frac{7}{8} \times 8\frac{5}{16} \times 4\frac{1}{8}$ ". Requires four "AA" batteries.

60-2188 59.95

Tandy-12 Electronic Computerized Arcade

19⁹⁵

- 12 Games in One
- Large Brightly-Lit Easy-Punch Buttons
- Loud Musical Tones



Play repeat games, baseball, casino roulette and more! Requires 9V and four "C" batteries. 60-2159 19.95

Sports Arena 3-in-1 Game

**NEW
FOR '84**

19⁹⁵

Play Football, Basketball And Soccer



Three fast-paced games for head-to-head 2-player competition. Easy four-directional controls, LED display. Pro and amateur settings. $11\frac{1}{16} \times 10\frac{1}{2} \times 7\frac{7}{8}$ ". Requires 9V battery or AC Adapter #60-3053. 60-2178 19.95

Electronic Programmable Organ



19⁹⁵

Records and Plays Back Up to 98 Notes and Spaces in Any Combination

Features manual play with 22 keys and "space" key. With eight pre-recorded songs, songbook and easy-to-read instruction manual. $13\frac{3}{4} \times 6\frac{1}{4} \times 1\frac{3}{4}$ ". Requires six "AA" batteries.

60-1022 19.95

Wireless FM Microphone

6⁹⁵

- Talk or Sing Over Any FM Radio
- Do Interview Shows
- Broadcast From One Room to Another
- Built-In Antenna



Be a radio announcer! Host your own show—just tune to a blank spot on the FM band and you're on the air. A great gift for kids. Includes antenna. Requires two "AA" batteries. 60-2109 6.95

LOW-COST ARCHER SPACE PATROL® WALKIE-TALKIES



Space Patrol for Outdoor Adventure

- Flexible Antenna for Rugged Use Without Breaking
- Great for Hiking, Camping, Fishing or on Trips

[A] Buy a pair for outdoor fun and safety—talk, or send messages in code. Features built-in Morse Code key with code alphabet on front panel. Just two simple controls: On-off switch and lock-on talk button. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery. 60-4005 Each 9.95

Space Patrol With Built-In AM Radio

Keep in Touch for Outdoor Fun, or Just Use it to Listen to Your Favorite AM Radio Station

[B] Two radios in one for double fun! Features on-off/volume control, AM tuning, plus locking talk button, Morse Code key, code alphabet on front panel, telescoping antenna, carry strap. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery. 60-4003 Each 15.95

Fun-Filled Micro-Thin Space Patrol

- Compact Enough to Fit in a Shirt Pocket
- Handy Communications Indoors or Out

[C] Goes anywhere! Features ultra-sensitive super-regenerative receiver, 1 1/2" speaker, push-to-talk button, telescopic antenna. Operates on 49.8 MHz. Not CB—no license required! Requires two 9V batteries. 60-4004 Pair 18.88

Metal Detectors for Hours of Fun

Low-Cost Detector—Great for Kids

[D] Easy to operate! Spots anything metallic up to six inches underground. Tuning and fine-tuning controls. Sensitive search coil changes pitch of tone from speaker when a "find" is near. Shaft extends to 27". Requires 9V battery. 60-3003 19.95

Standard Metal Detector

[E] Discover metal under soil, wood and dry sand. Water-resistant coil has Faraday Shield to help reduce false readings. Large meter, peaking and volume controls. Lightweight design—ideal for lengthy searches. Includes earphone. Shaft extends to 24". Requires six "AA" batteries. 63-3001 39.95

Discriminator-Type Detector

[F] Micronta® 4001. Advanced circuit helps discriminate between valuable articles and "junk" items like bottle caps and pull tabs. Built-in speaker gives audible indication, and a large meter provides visible reading. Features a convenient handle-mounted pushbutton for automatic tuning, front-panel volume and discriminator controls, battery test switch. Water-resistant, extra-sensitive 6" coil. 1/4" headphone jack. Shaft extends to 24". Requires six "AA" batteries. 63-3002 59.95

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Buried
Valuables



Outdoor
Adventure for
The Whole Family



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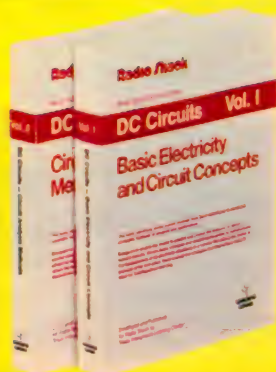
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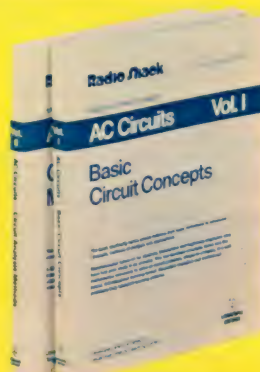
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AC Circuits Volume II. Advanced concepts. 304 pages. 62-2022

5.95

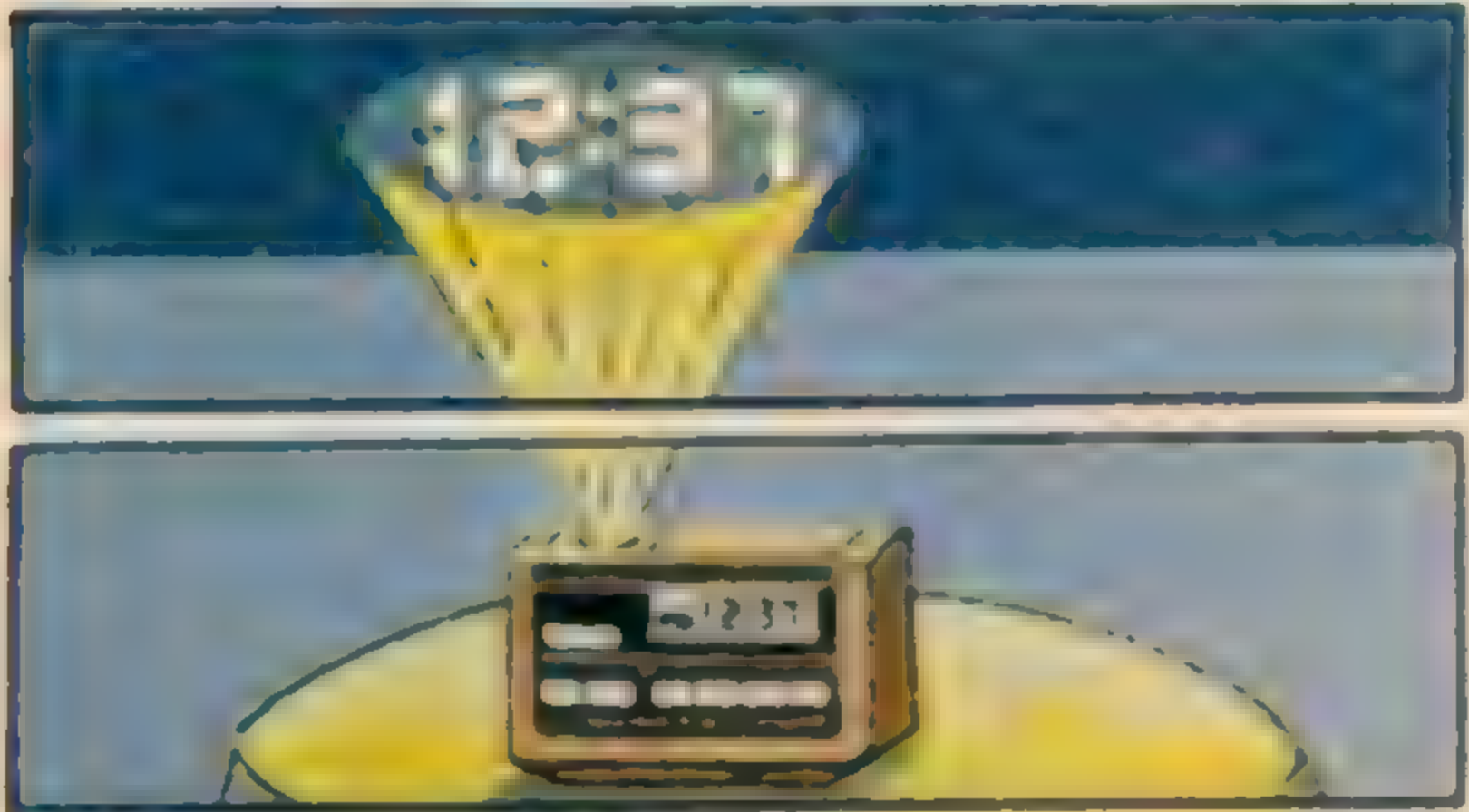
WAKE UP TO VALUE WITH MICRONTA® ALARM CLOCKS

LCD "Time Projector" Alarm Clock



NEW
FOR '84

3495



- Projects the Time Onto Your Ceiling for Night Viewing
- Quartz-Controlled Accuracy
- Includes AC Adapter for Continuous Use of Projection Lamp Feature

The ultimate in bedroom convenience! See the time without looking at the clock. Features a 24-hour alarm with snooze control—tap the snooze bar and alarm shuts off for four minutes, and lights the projection lamp and display. 0.6" LCD, hour/minute time setting, a.m./p.m. indicators. 5 1/2 x 3 1/2 x 2 1/4". U.L. listed AC adapter. Requires two "AA" batteries.

63-790 34.95

Available Sept. 30, 1983

Deluxe LED Alarm Clock



NEW
FOR '84

1995

Big 0.9" display is easy to read from across a room! Snooze, auto display brightness, LED p.m. indicator. 2 3/8 x 6 1/4 x 3 3/4". U.L. listed. 63-828 19.95

Battery Backup/Battery Sentinel™
Featured in All Eight AC Clocks



Even if AC power fails, you'll be on time! Battery Backup keeps clock running, without display, for up to eight hours and alarm for 10 minutes.



Front-panel red LED warns you if backup battery is weak or missing.



Jumbo LED Alarm Clock



ONE OF
OUR
NEW LOW PRICES
350

2495

Easy-to-read 1.8" display, snooze, 24-hour alarm, hi/lo brightness. 4 1/8 x 8 5/8 x 2 1/2". U.L. listed. 63-825 24.95

Was \$29.95 in 1983 Catalog

LED Dual-Alarm Clock/Calendar



ONE OF
OUR
NEW LOW PRICES
350

"His" and "hers" alarm settings for two wake-up times! 0.7" LED display shows month/date or time. 2 1/2 x 6 1/2 x 3 1/2". U.L. listed. 63-776 21.95

2195

Was \$24.95 in 1983 Catalog

Fluorescent Display Alarm



Space-saving clock has bright 0.6" display, snooze, 24-hour alarm. 2 1/8 x 5 1/2 x 3". U.L. listed. 63-753 19.95

1995

Our Lowest-Priced LED Alarm



NEW
FOR '84

1195

Great for kitchen, laundry or guest room. 0.6" display, snooze control. 5 1/16 x 2 7/8 x 1 7/8". U.L. listed. 63-829 11.95

Compact LED Alarm
With Big Digits



1495

Features snooze control for extra winks, big 0.7" display, 24-hour alarm. 2 1/8 x 5 1/2 x 3". U.L. listed. 63-826 14.95

LED Alarm With Dual Display



Shows both the present time and the alarm time. Features snooze, 24-hour alarm. 4 1/4 x 8 3/4 x 2 1/2". U.L. listed. 63-777 34.95

3495

12/24-Hour LED Alarm



NEW
FOR '84

1495

Ideal for computer users, Hams, SWLs, pilots. 0.6" 12 or 24-hour display, alarm, snooze. 1 7/8 x 5 1/8 x 2 7/8". U.L. listed. 63-760 14.95

BATTERY-POWERED, ACCURATE QUARTZ CLOCKS

Talking Alarm Clock With Countdown Timer

Our Exclusive VoxClock™

**NEW
FOR '84**



- Announces Time on the Hour, Or at the Tap of a Button
- Countdown Timer Helps You Organize Your Time—Perfect for Remembering Meetings or Appointments



39⁹⁵

Available Sept. 30, 1983

No more stopping or squinting to read a clock! 24-hour alarm announces the time five minutes before sounding, then wakes you with a melody. Set the timer—it counts down the time at 10-minute intervals down to 10 minutes, then every minute. Beautiful simulated walnut grain accents any desk. $2\frac{3}{8} \times 2\frac{7}{8} \times 2\frac{7}{8}$ ". Requires three "AA" batteries. 63-903 39.95

Square Cordless Wall Clock

**NEW
FOR '84**



19⁹⁵

No power cord to tangle! Large hands and numerals, sweep second hand. $10\frac{3}{4} \times 10\frac{3}{4} \times 1\frac{1}{2}$ ". Requires "AA" battery. 63-803 . . . 19.95

Cordless Quartz Wall Clock

**NEW
FOR '84**



14⁹⁵

Easy-to-read $7\frac{1}{2}$ " dia. face with large hands and numerals, sweep second hand. No dangling, tangling cord. Requires "AA" battery. 63-804 14.95

Cordless Table Alarm Clock

**NEW
FOR '84**



14⁹⁵

Available Sept. 30, 1983

No more messing with cords—great for trips, camping. Features snooze button, sweep second hand, luminous hands and dial. $3\frac{1}{4} \times 5\frac{1}{2} \times 2\frac{1}{2}$ ". Requires "C" battery. 63-740 14.95

LCD Folding Travel Alarm

**NEW
FOR '84**



19⁹⁵

Fits in pocket, purse, or briefcase. 0.6" back-lighted display, snooze control. Folds to $3 \times 3\frac{1}{8} \times 1\frac{1}{16}$ ". With battery. 63-705 . . . 19.95

Micro LCD Travel Alarm

12⁹⁵



Goes where you go. Has snooze, back-lighted display, stand. $1\frac{1}{2} \times 2\frac{1}{4} \times 7\frac{3}{32}$ ". With battery and pouch. 63-704 . . . 12.95

Miniature Travel Alarm

**NEW
FOR '84**

10⁹⁵



Handy, low-cost timekeeper for trips, glovebox. Luminous hands, sweep second hand. With carry pouch. $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{8}$ ". Requires "AA" battery. 63-716 10.95

LCD "Anywhere" Digital Clock

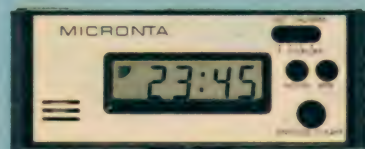


350
NEW LOW PRICE

12⁹⁵

Mounts easily on car or boat dash, refrigerator, stove, anywhere! With slide-in bracket, double-sided tape. $1\frac{1}{4} \times 3\frac{3}{16} \times 7\frac{1}{16}$ ". With battery. 63-836 12.95

Mount-Anywhere Alarm Clock



**NEW
FOR '84**

15⁹⁵

Switchable 12 or 24-hour back-lighted LCD display, snooze button. With slide-in bracket and double-sided tape. $1\frac{5}{8} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". With battery. 63-838 15.95

Stick-On LCD Calendar Clock

**NEW
FOR '84**

3⁸⁸



Sticks almost anywhere! Shows hour and minute, or month and date. With mounting tape and battery. $1\frac{1}{2}$ dia. $\times \frac{5}{8}$ ". 63-839 3.88

GET 24-HOUR CONTROL WITH MICRONTA® TIMERS

Digital 7-Day Programmable Timer for Precision and Versatility

Available Sept. 30, 1983



**NEW
FOR '84**

49⁹⁵

- Set Up to 12 On or Off Functions To Occur Daily, or on a Specific Day Of the Week
- Controls Two Separate Devices Simultaneously
- Battery Backup in Case of Power Failure

Now you can program appliances for any day of the week! Ideal for video or stereo taping. Built-in clock has 0.6" LED display with p.m. and day of week indicators. Battery Sentinel™ and test switch let you know if backup batteries are weak or missing. Instant on/off override switch. Rated 15 amps at 1875W. 3 1/8 x 6 3/4 x 6 1/4". Requires four "AA" batteries for backup. U.L. listed. 63-887 **49.95**

24-Hour Programmable Timer



**NEW
FOR '84**

24⁹⁵

2-Piece Design Eliminates Tangled Power Cords

Available Sept. 30, 1983

Precise "to-the-minute" control for your TV, stereo system, coffeemaker or lamp. Control unit has 0.6" LED display and battery backup to maintain time and memory during power failures. Battery Sentinel warns of weak or missing battery. Instant on/off override switch. Rated 15A, 1875W. Control, 2 x 5 3/8 x 3". Requires 9V battery for backup. U.L. listed. 63-888 **24.95**

Electronic Countdown Timer

19⁹⁵

Turns TV or Appliances On or Off After Preset Interval



Turns on or off after 15/30/60/120 minutes or any combination up to three hours and 45 minutes. Instant on/off override switch. LED indicators. Six-foot connecting cord. Handles 1000 watts. Switch unit, 3 x 2 1/2 x 2". Control unit, 1 1/4 x 3 7/8 x 2 3/8". U.L. listed. 63-895 **19.95**

Pocket LCD Countdown Timer

**NEW
FOR '84**

14⁹⁵

Keyboard Operated



Great for schools, labs, personnel testing, kitchen, hospitals—anywhere precision is important. Mounts three ways: fold-out stand, clip for clothing, magnet for metal surfaces. Maximum count: 99 minutes, 99 seconds. 2 1/4 x 2 1/2 x 7 1/16". With battery. 63-880 **14.95**

Programmable Light Timer With Computer Memory

ONE OF OVER 350 NEW LOW PRICES

19⁹⁵

Was \$24.95 in 1983 Catalog

- Repeats Up to 48 Selections
- Easily Replaces Standard Wall Switch

Simple to use. "Rapid Program" lets you program for 24-hour period in advance. "Variable" feature automatically varies on/off times, to fool burglars. 500W, incandescent only. U.L. listed. 63-875 **19.95**



Compact Plug-In Timer

8⁹⁵

Cordless—Plugs Directly Into AC Wall Outlet



2 1/2 hours minimum ON time; 21 1/2 hours maximum ON time. Leaves one AC outlet exposed for regular use. 4 3/4 x 2 3/4 x 1 1/4". Handles almost any electrical appliance rated up to 15A, 1875W. U.L. listed. 63-862 **8.95**

Multiple Program Timer

11⁹⁵

Leaves One AC Outlet Exposed For Normal Use



Plug-in type, 24 programming tabs, up to 12 on/off functions per day. Manual control or auto repeat 23 hours maximum ON time, One hour minimum ON time. 4 x 2 x 1 1/4". Rated 15A, 1875W. U.L. listed. 63-864 **11.95**

Multi-Program Tabletop Timer

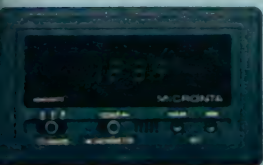
15⁹⁵

Up to 12 On-Off Functions Every 24 Hours



Control almost any appliance, use with lamps for an "at home" look that deters burglars. 23 Hours maximum ON time, 1 hour minimum ON time. Override switch allows you to turn on or off without changing program tabs. Rated 15A, 1875W. U.L. listed. 2 3/4 x 4 x 3". 63-865 **15.95**

THE VERY LATEST IN PERSONAL ELECTRONICS



A
29⁹⁵



B
17⁹⁵



C
24⁹⁵

Accurate Quartz Clocks for Vehicles

Car clocks with accurate quartz-controlled time. Displays dim for night driving and blank when ignition is off. Include mounting hardware and instructions.

A Fluorescent Car Clock. Built-in tachometer, headlight warning. $1\frac{7}{8} \times 3\frac{5}{8} \times 1\frac{1}{2}$ ". 12VDC neg. gnd. only. 63-837 29.95

B LED Mini Clock. Hi/Lo brightness control. $1\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{3}{8}$ ". 12VDC pos. or neg. gnd. 63-833 17.95

C Fluorescent Car Clock With 24-Hour Alarm. Recessed fast/slow alarm and time-set. $1\frac{7}{8} \times 4 \times 1\frac{5}{8}$ ". 12VDC pos. or neg. gnd. 63-834 24.95

Reliable Micronta® Quartz LCD Watches

ONE OF OVER NEW LOW PRICES

31⁹⁵

A



Was \$39.95
In 1983 Catalog

17⁹⁵

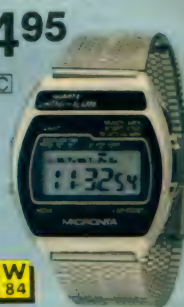
B



NEW FOR 84

24⁹⁵

C



NEW FOR 84

All Include Batteries, Backlighted Displays

A Calculator Alarm Watch. Eight-digit 4-function calculator, mineral lens, dual time, calendar, $\frac{1}{100}$ second stopwatch with lap time, 24-hour alarm. 63-5054 31.95

B Sport Watch With Alarm. Shows hours/minutes, or month/date, internal stopwatch with lap and total timing. 63-5055 17.95

C Chronograph Alarm Watch. 24-hour alarm, $\frac{1}{100}$ sec. stopwatch, backlighted, mineral lens. 63-5056 24.95

Alcohol Breath Indicator



NEW FOR 84

34⁹⁵

This device is an indicator, and not an analytic instrument.

Learn to Identify Alcohol Levels In Your Blood—a Priceless Aid to Personal Health and Safety

Just blow into mouthpiece—sensor circuit electronically measures blood alcohol levels. Three LEDs—green means safe, yellow for caution, red means exceeds legal limit. Take it along to parties! $5\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". Requires four "AAA" alkaline batteries. 63-665 34.95

LCD Digital Watch Pens

ONE OF OVER NEW LOW PRICES
Was \$7.95 in 1983 Catalog

6⁹⁵

A



ONE OF OVER NEW LOW PRICES
8⁹⁵

B

The Timely Writing Tools

Was \$10.95 in 1983 Catalog

- Uses Standard "Parker-Size" Refill
- Accurate to One Minute Per Month

A Watch Pen. Displays hours, minutes and seconds or month and date. With batteries. 63-5075 6.95

B Watch Pen With Alarm. Alarm reminds you of your appointments. Displays hours/minutes/seconds or month/date. Chimes on each hour. With batteries. 63-5076 8.95

LCD Quartz Stopwatches

NEW FOR 84



A

24⁹⁵



B

29⁹⁵

A Audible signal indicates start/stop/lap/reset. With batteries. 63-5010 24.95

B Chronograph. Lap and total time, day, date. With batteries. 63-5009 29.95

Microwave Leakage Detector



14⁹⁵

Checks Microwave Oven Door Seals

Microwave frequency leakage from faulty oven door seals can cause serious and even permanent health problems. Easy to use—just move along the door seals and meter indicates the relative amount of microwave energy. Not a certification instrument. $1\frac{1}{16} \times 1\frac{7}{8} \times 4\frac{1}{2}$ ". 22-2001 14.95

Light and Moisture Meter for Growing Healthier Plants



7⁹⁵

Completely Self-Powered

Probe With 8" Coiled Cord—Easy To Use Even With Hanging Plants

Meter switches from light to moisture readings instantly. Pointed probe for easy insertion even in dry soil. 28-page manual with readings for hundreds of plants. $6\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". 63-685 7.95

Biofeedback Monitor

14⁹⁵

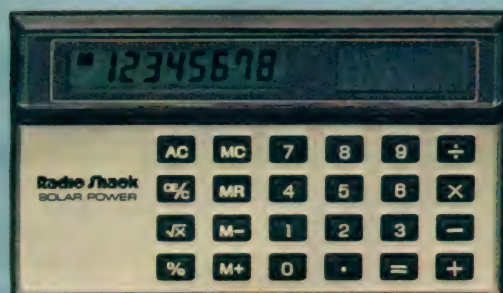
Learn to Control Stress



Attach sensors to fingertips, and listen. Tone rises when you're under stress, drops as you relax. Also fun for "lie detector" games. Built-in speaker, earphone jack. Requires 9V battery. 63-675 14.95

SOLAR AND BATTERY POWERED LCD CALCULATORS

Card-Size Solar With Memory



Card Case

NEW
FOR '84

995

Auto-Constant Lets
You Repeat Numbers
And Operations

Pocket-Size Solar Card

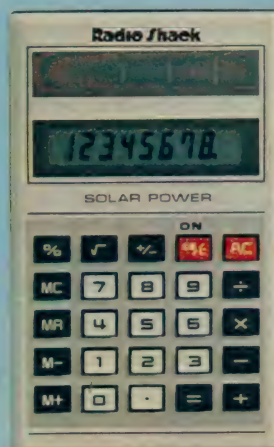


Billfold
Case

NEW
FOR '84

995

- 4-Key Memory
- +/- Sign Change Key



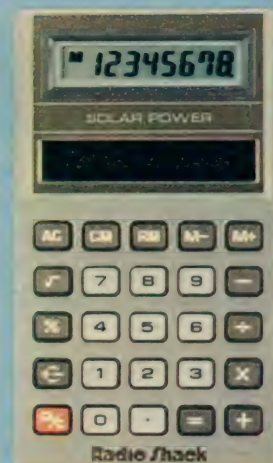
Deluxe Full-Size Solar



Billfold
Case

1795

- 4-Key Memory
- +/- Sign Change



Radio Shack EC-406. All you need is light! Four-key memory lets you store numbers, then recall and use them again. Square root and percent keys. 8-digit display. $2\frac{3}{16} \times 3\frac{7}{8} \times \frac{1}{4}$ ". 65-904 9.95

Radio Shack EC-405. High efficiency solar cells provide calculating power even in dim indoor light. Features Auto-Constant, square root and percent keys. 8-digit display. $3\frac{15}{16} \times 2\frac{3}{8} \times \frac{5}{16}$ ". 65-903 9.95

Radio Shack EC-402. Never needs batteries—calculates using light indoors or out. Features Auto-Constant for repeating operations, square root and percent keys. 8-digit display. $4\frac{7}{16} \times 2\frac{9}{16} \times \frac{1}{4}$ ". 65-689 17.95



Musical-Entry Tone Calculator

ONE
OF
OVER
NEW LOW PRICES

350

Was \$14.95 in
1983 Catalog

Automatic
Power-Off

Radio Shack EC-276. "Beep" verifies entry. Features 3-key memory. Auto-Constant. 8-digit display. $4 \times 2\frac{3}{8} \times 3\frac{1}{16}$ ". With batteries. 65-687 12.95

"Statesman" Super-Thin

ONE
OF
OVER
NEW LOW PRICES

350

Was \$10.95 in
1983 Catalog

Less Than
5mm Thin

Radio Shack EC-274. Features auto power-off, 3-key memory, Auto-Constant. 8-digit display. $4\frac{1}{4} \times 2\frac{3}{8} \times 3\frac{1}{16}$ ". Comes with batteries. 65-686 7.95



Billfold
Case

Child's Learning Calculator Makes Math Fun

ONE
OF
OVER
NEW LOW PRICES

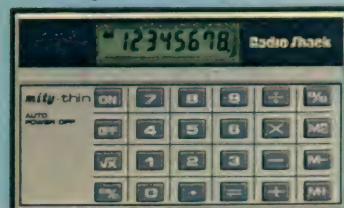
350

1095

Was \$12.95 in
1983 Catalog



"Mity-Thin" Credit-Card Sized



ONE
OF
OVER
NEW LOW PRICES

795

Was \$9.95 in
1983 Catalog

Automatic
Power-Off Saves
Batteries

Radio Shack EC-277. Features 3-key memory, Auto-Constant for repeating operations, square root and percent keys. 8-digit display. Super slim—measures only $3\frac{3}{8} \times 2 \times \frac{3}{16}$ ". With batteries. 65-688 7.95

Low-Cost With 4-Key Memory



NEW
FOR '84

695

- Auto-Constant
- Square Root Key

Radio Shack EC-205. A great value! Features square root and percent keys. Easy-to-read 8-digit display. $4\frac{1}{2} \times 2\frac{5}{8} \times \frac{5}{8}$ ". Requires "AA" battery. 65-501 6.95

Illustrated
Booklet

The Perfect
Way for Kids
To Learn How to Use a Calculator

Radio Shack EC-351. Give your youngster a head start with this educational calculator. The easy-to-follow booklet makes it a snap for kids who can read to learn math basics. They'll be adding, subtracting, multiplying and dividing in no time! Auto-Constant repeats operations. 8-digit easy-to-read liquid crystal display. Colorful, unique styling. A terrific learning aid! $6\frac{1}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ ". Requires two "AA" batteries. 65-825 10.95

SPECIAL LCD CALCULATORS

Smartly Styled "His 'n Hers" Folding Solar Calculators Make Great Gifts Anytime

1995 For Him **1995** For Her

NEW FOR 84

Handsome Thin Wallet Style

Sleek Ladies' Compact Style

A Radio Shack EC-407. Handsomely-styled calculator never needs batteries! Features 3-key memory, Auto-Constant, \pm sign change, square root and percent keys. 8-digit display. $3\frac{3}{8} \times 2\frac{1}{16} \times \frac{1}{4}$ " 65-905 19.95

B Radio Shack EC-404. Attractive calculator works wherever there's light. Features 3-key memory, Auto-Constant, \pm sign change, square root and percent keys. 8-digit display. $2\frac{5}{8} \times 2\frac{1}{2} \times \frac{3}{8}$ " 65-902 19.95



Fits in Coat Pocket



Fits Easily In Purse

Handy Financial Calculator Solves Tough Problems

ONE OF OVER **350** NEW LOW PRICES

2795

Was \$29.95 in 1983 Catalog

Figures Interest, Annuities, Dates

Radio Shack EC-4051. Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and much more. Auto power-off, Auto-Constant, \pm sign change and percent keys. 10-digit display. With detailed manual, battery. $5\frac{1}{4} \times 2\frac{13}{16} \times 5\frac{5}{16}$ " 65-995 ... 27.95



Billfold Case

Feature-Packed Checkbook Calculator

1995

- Makes Checking Calculations Easy
- 3 Separate Memories For Checking and Credit Card Balances
- Checkbook-Size Carry Pouch Also Holds Checks and Pen



Radio Shack EC-306. Perfect for budget balancing—deposit, check, charge, payment and balance keys. Auto-Constant, percent key. 8-digit display. $6\frac{1}{16} \times 2\frac{27}{32} \times \frac{1}{4}$ " With batteries. 65-696 19.95

Solar Powered Metric Conversion Calculator

NEW FOR 84

1795

Billfold Case

Performs 40 Metric Conversions at the Touch of a Key

Radio Shack EC-316. Quickly converts from standard to metric, or reverse. Also does math functions. Features 3-key memory, Auto-Constant, \pm sign change, square root and percent keys. 8 digits. $4\frac{1}{16} \times 2\frac{15}{16} \times \frac{1}{4}$ " 65-926 17.95

Solar Power Calculations Are Not Lost by Momentary Interruptions of Light

Alarm Clock/Stopwatch Calculator

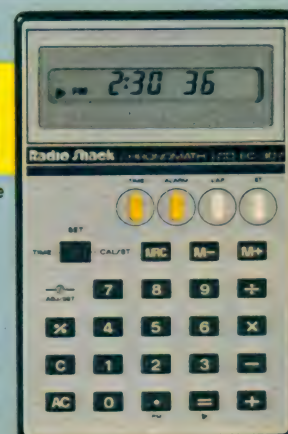
NEW FOR 84

1995

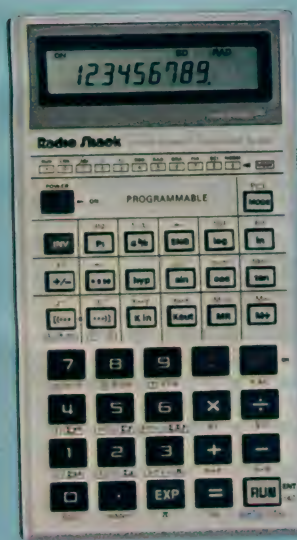
Billfold Case

- 24-Hour Alarm Sounds For 60 Seconds
- Lap and Total Time Stopwatch

Radio Shack EC-307. Clock displays hours, minutes and seconds with p.m. and alarm-on indicators. Calculator features 3-key memory, Auto-Constant, percent key. 8-digit display. $3\frac{11}{16} \times 2\frac{9}{8} \times \frac{1}{4}$ " With batteries. 65-691 19.95



LCD CALCULATORS FOR SCIENTIFIC PROBLEMS



Powerful Programmable Scientific



ONE OF OVER 350 NEW LOW PRICES **34⁹⁵**

Was \$39.95 in 1983 Catalog

- 7 Separate Memories
- 61 Different Functions
- 38-Step Programming

Radio Shack EC-4004. You get regression analysis, integrals, and the use of up to 18 nesting parenthesis at six levels. Full floating decimals. Ten-digit mantissa. $5\frac{1}{4} \times 2\frac{7}{8} \times 1\frac{1}{4}$ ". With detailed manual, battery.

65-658 34.95

50-Function Scientific

ONE OF OVER 350 NEW LOW PRICES

27⁹⁵

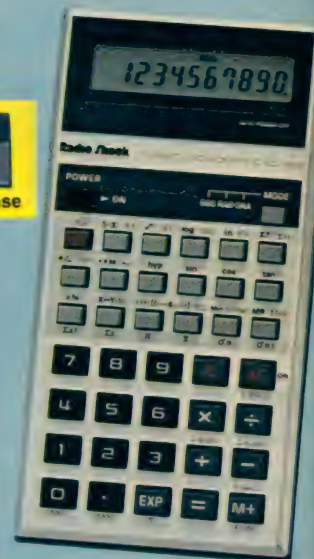
Was \$31.95 in 1983 Catalog



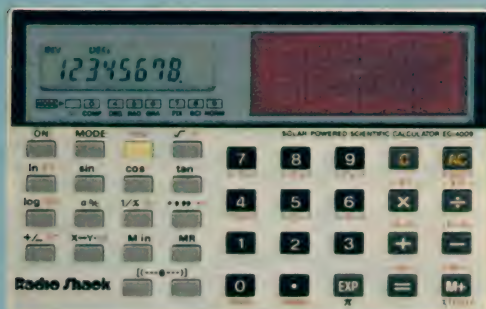
- 10 or 8-Digit Mantissa
- Exponents to $10^{\pm 99}$
- Power-Off Memory Retention

Radio Shack EC-499. All the power you need for complex math problems. Six levels of parenthesis and independent memory. Random number generator. $5\frac{3}{16} \times 2\frac{13}{16} \times \frac{3}{8}$ ". With long-life battery.

65-655 27.95



Card Size 42-Function Scientific



SOLAR POWER!
24⁹⁵



NEW FOR '84

Radio Shack EC-4009. Never needs batteries—performs complex calculations in any light. Features 10-digit mantissa, 8 with 2-digit exponents. Six levels of parenthesis, standard deviation, random number generator. $2\frac{11}{32} \times 3\frac{5}{8} \times 7\frac{7}{32}$ ". 65-927 24.95

42-Function Scientific

ONE OF OVER 350 NEW LOW PRICES

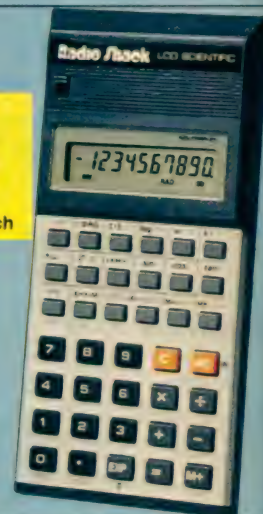
21⁹⁵

Was \$24.95 in 1983 Catalog



- Six Levels of Parenthesis
- Random Number Generator

Radio Shack EC-4006. Budget-priced, but has the power for complex calculations. Features 10-digit mantissa, 8 with 2-digit exponents, standard deviation. Auto power-off with memory retention. $5\frac{7}{8} \times 3 \times \frac{3}{4}$ ". Requires two "AA" batteries. 65-975 21.95



Scientific "Slide Rule"



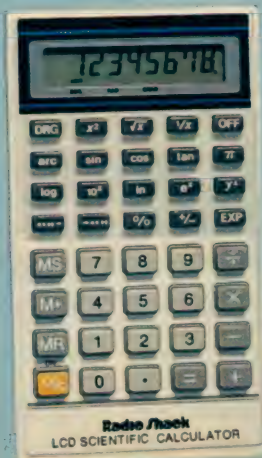
NEW FOR '84

19⁹⁵

- 30 Independent Scientific Functions
- 5-Digit Mantissa

Radio Shack EC-4007. Does calculations for mean values, variances, standard deviations and more. $4\frac{3}{4} \times 2\frac{5}{8} \times \frac{3}{8}$ ". With batteries.

65-976 19.95



Low-Priced Scientific



NEW FOR '84

14⁹⁵

- 40 Easy-to-Use Single Function Keys
- 5-Digit Mantissa

Radio Shack EC-4008. Independent memory, automatic constant, degree/radian/grad switch. $4\frac{3}{8} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". With batteries.

65-977 14.95

Calculator Desk Stand



- Adjustable Angle
- Non-Slip Feet

Adapts handheld calculators to desktop use. 65-705 1.99

THE BEST IN DESKTOP AND PRINTING CALCULATORS



**10-Digit Impact Printing Calculator
With 4-Key Memory**

ONE
OF
OVER **350**
NEW LOW PRICES

79⁹⁵

Was \$89.95
in 1983
Catalog

**Ink Roller Printer
System Uses Standard Paper**

Radio Shack EC-3007. The convenience of an easy-to-read fluorescent display plus a permanent printed record. Decimal point placement, round-off and non-print controls. Features percent, gross profit margin and standard math keys. 21¹/₄ x 7¹/₂ x 9¹/₄". Includes sample roll of paper. U.L. listed AC operation. 65-664 79.95

**10-Digit Impact Printing Calculator
Uses Standard Paper**

**NEW
FOR '84**

59⁹⁵

- Ink Roller System
- 4-Key Memory
- Convenient Compact Size

Radio Shack EC-3011. Get a permanent printed record of your calculations, or just use the easy-to-read fluorescent display. Decimal point placement, round-off and non-print controls. Features percent, gross profit margin and standard math function keys. Includes sample roll of paper. 13³/₄ x 6³/₄ x 9¹/₂". U.L. listed AC operation. 65-669 59.95

**Hand-Held 10-Digit LCD
Printing Calculator**

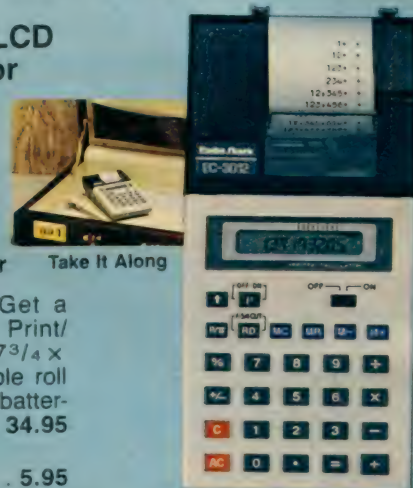
**NEW
FOR '84**

34⁹⁵

**High-Speed Impact
Printing on Standard Paper**

Take It Along

Radio Shack EC-3012. Get a printed record anywhere! Print/non-print selectable. 7³/₄ x 2¹⁵/₁₆ x 1³/₄". Includes sample roll of paper. Requires four "AA" batteries. 65-951 34.95
AC Adapter. U.L. listed. 273-1454 5.95



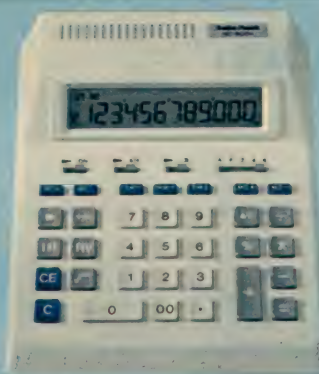
**12-Digit Desktop LCD
With Dual Memories**

**NEW
FOR '84**

39⁹⁵

**Shift Key for Easy
Error Corrections**

Radio Shack EC-2005. With round-off, item count, square root, percent-of-change keys. 2 x 6¹/₄ x 7³/₄". Requires two "AA" batteries. 65-667 39.95



10-Digit Fluorescent Desktop

29⁹⁵

**Gross Profit
Margin Key**

Radio Shack EC-2001. Fixed or floating decimal, switchable constant, item keys. Requires two "D" batteries. 17¹/₈ x 6 x 6¹/₂". 65-660 29.95
AC Adapter. U.L. listed. 273-1454 5.95



**Budget-Priced Desktop
With 8-Digit LCD**

ONE
OF
OVER **350**
NEW LOW PRICES

14⁹⁵

Was \$19.95 in 1983 Catalog

- Full Floating Decimal
- Percent, Square Root

Radio Shack EC-2003. 4³/₄ x 4³/₄ x 1¹/₂". Requires two "AA" batteries. 65-662 14.95



Thermal Paper

For continued support of early model RS printing calculators.

Type	Fits	Cat. No.	Rolls	Price
2 ¹ / ₄ " w/core	65-643			
	65-644			
	65-645			
	65-646	65-706	3	2.79
1 ¹ / ₂ " w/core	65-647			
	65-648	65-708	3	1.09
1 ¹ / ₂ " coreless	65-649	65-709	3	1.29
1 ¹ / ₂ " coreless	65-665	65-711	5	1.99

Plain Paper

This 12 lb., low lint, register bond paper is designed to give you clear, sharp, printing. Keeps your printing mechanism clean, too. For use with Radio Shack, as well as other printing calculators.

Size	Fits	Cat. No.	Rolls	Price
2 ¹ / ₄ " w/core	65-664			
	65-669	65-710	3	1.99
1 ¹ / ₂ " w/core	65-666	65-712	3	1.19
1 ¹ / ₂ " coreless	65-951	65-713	3	.99

NEW LOW PRICE! HARD-WORKING POCKET COMPUTER



PC-2 Combines Portability With Low Price for the User On the Go!

ONE OF OVER 350 NEW LOW PRICES

Was \$279.95
In 1983 Catalog

199⁹⁵

- Measures Only 1¹/₁₆ × 7¹/₁₆ × 3³/₈"
- Weighs Just 14 Ounces
- Programs in Easy-to-Learn Extended BASIC Language
- 7 × 156 Dot-Matrix LCD for Graphics and Alphanumerics
- 2640-Character Memory Retains Data When Power Off

TRS-80 Pocket Computer Model PC-2. A versatile, portable computer! It puts powerful features into the hands of engineers, business people, students, scientists—anyone with problems to solve on-the-go. Ready-to-run software loads from audio cassettes, or program it yourself. Our Extended Pocket BASIC language features 42 statements, with 34 built-in functions. It gives you two-dimension arrays, variable length character strings with extensive string handling, formatted printing and more. And it's upward compatible with Radio Shack's original Pocket BASIC, so many PC-1 programs can be keyed-in and run on the PC-2. The 2640-byte memory retains programs and

data even with power off. And you can expand the memory capacity with a plug-in 4K or 8K RAM Module. The 26-character Liquid Crystal Display is fully dot-programmable for graphics over its complete 7 × 156 dot matrix. The 65-key keyboard features a typewriter layout and 10-key datapad with 18 programmable key functions and 18 user-defined label keys. The built-in real-time clock is accessible from BASIC or the keyboard and provides month, day, hour, minute and second. There's even a programmable variable tone beeper. Requires four "AA" batteries.

26-3601 199.95



Take It Anywhere You Need On-the-Spot Data Printing

Fit Your PC-2 With Our Superior Four-Color Printer/Plotter/Dual Cassette Interface

ONE OF OVER 350 NEW LOW PRICES

Was \$239.95
In 1983 Catalog

219⁹⁵

- Create Full XY-Axis Graphics With Special BASIC Statements for Drawing and Plotting
- Prints Graphics and Alphanumerics in Four Colors—Red, Blue, Green and Black
- Store and Load Programs and Data Using One or Two Cassette Recorders
- Adds 25 Commands and Statements to PC-2 BASIC

PC-2 Printer/Plotter/Dual Cassette Interface. This superior accessory turns your PC-2 into a powerful, completely portable computer system. You can take it with you wherever you go—on business trips, to meetings, out in the field—anywhere! You can plot superbly detailed 256 × 4096 XY four-color graphics, and print upper and lower case characters in nine different sizes using easily replaceable ballpoint mini-pens. The printer adds 25 commands

and statements to Extended Pocket BASIC to make plotting quick and easy. Dual cassette operation allows data to be read in from one cassette, updated and stored on a second cassette automatically. Features built-in self-test and rechargeable batteries that also power the PC-2. Includes U.L. listed AC adapter/charger, paper, pens, cassette cables and manual.

26-3605 219.95

RS-232C Interface for the PC-2



NEW FOR '84

199⁹⁵

Plugs Into PC-2 or Printer

Allows the PC-2 to use most RS-232 devices. Built-in communications program lets you access information networks. Includes built-in rechargeable batteries and U.L. listed adapter/charger. 26-3612 199.95

Ready-to-Run PC-2 Software

Personal Finance. 26-3700	19.95
Business Finance. 26-3703	19.95
NEW! Investment Analysis. 26-3712	49.95
Math Pak I. 26-3709	14.95
Math Pak II. 26-3710	14.95
Math Plotter. 26-3711	10.95
NEW! Statistics. 26-3704	29.95
NEW! Chemistry Math. 26-3708	14.95
NEW! Pocket Organizer. 26-3706	19.95
NEW! Flight Planner. 26-3707	24.95
Games Pak. 26-3702	14.95
Invasion Force. 26-3705	9.95

Accessories for Your PC-2

NEW! Getting Started on the PC-2. Easy-to-read tutorial manual covers commands and programming tips. 26-3620		12.95
Carry Case. Holds printer (with PC-2 installed) and AC adapter/charger. Padded vinyl. 26-3608		29.95
Replacement Pens. 3 black. 26-1480		2.95
Replacement Pens. 1 each: red, green, blue. 26-1481		2.95
Printer Paper. Cash register-type. 2 ¹ / ₄ " wide. 26-3606		6 Rolls/2.49
4K RAM Module. 26-3615		69.95
8K RAM Module. 26-3616		139.95

TWO NEW POCKET COMPUTERS FROM RADIO SHACK

Small Enough to Fit Pocket or Purse, Big Enough to Solve Tough Problems

**NEW
FOR '84**

PC-3 Pocket Computer

99⁹⁵

PC-3 Printer/
Cassette Interface

119⁹⁵



- Programmable in BASIC or Use Ready-to-Run Software
- 16 Built-In Arithmetic and 8 String Functions

TRS-80 Pocket Computer Model PC-3. The PC-3 is small enough to go anywhere, yet it gives you real computer power—well beyond that of most programmable calculators! Features 24-character LCD, 1438-character memory, 10-digit accuracy, 2-digit exponents, multiple statements, arrays, edit and trace modes. $\frac{3}{8} \times 5\frac{5}{16} \times 2\frac{3}{4}$ ". Weighs 4 oz. With batteries and manual. **26-3590 99.95**

Printer/Cassette Interface. Thermal dot printer prints 24 characters per line at one line per second, with "wrap-around". Add a recorder to store and load programs on cassette tape. Includes rechargeable batteries, U.L. listed AC adapter/charger, paper, cassette cable, manual. **26-3591 119.95**

Printer Paper. 2 $\frac{1}{4}$ " wide. **26-3592 Pkg. of 5/2.49**

Ready-to-Run Software for Your PC-3

Personal Finance. 26-3518	19.95	Engineering Math II. 26-3526	14.95
Business Finance. 26-3517	19.95	Engineering Math III. 26-3527	10.95
Business Statistics. 26-3516	19.95	Engineering Math IV. 26-3528	7.95
Statistical Analysis. 26-3522	24.95	Math Drill. 26-3514	14.95
Real Estate. 26-3510	24.95	Games I. 26-3515	14.95
Surveying. 26-3512	29.95	Games II. 26-3523	14.95
Electrical Engineering I. 26-3520	24.95	Calendars. 26-3529	19.95
Engineering Math I. 26-3525	14.95	Golf Scoring. 26-3532	14.95

Introducing the Lowest Priced TRS-80 Ever For Affordable On-the-Go Computing Power!



PC-4 Pocket Computer

69⁹⁵

Cassette Interface

39⁹⁵

PC-4 Printer

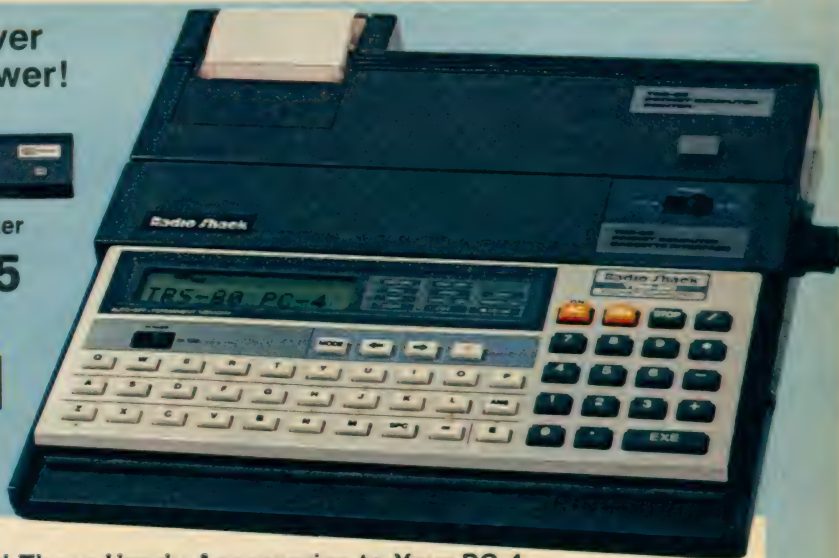
79⁹⁵

TRS-80 Pocket Computer Model PC-4. The PC-4 lets you keep up to ten short programs in its 544-character memory or combine the programming area to allow longer programs. BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Up to 16 commonly-used commands like GOSUB, LIST and STEP can be entered by pressing two keys! Programs can accept words and names as data (strings up to 30 characters). Big 12-character LCD scrolls to 62 characters. Edit and debug modes. $\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ ". Includes batteries and manual. **26-3650 69.95**

PC-4 Cassette Interface. Allows you to store and load programs and data at 300 baud using an optional cassette recorder. Requires two "AA" alkaline batteries. **26-3651 39.95**

PC-4 Printer. Prints 20 characters per line (60 lpm) in an electro-thermal 5 x 7 dot matrix. Includes rechargeable batteries and U.L. listed adapter/charger. **26-3652 79.95**

**NEW
FOR '84**



Add These Handy Accessories to Your PC-4

1K RAM Module. Triples memory! Inserts inside PC-4. Only one module may be used. **26-3653 19.95**

System Carrying Case. Custom padded vinyl case protects PC-4, printer and cassette interface. **26-3654 7.95**

Printer Paper. 65-711 **Pkg. of 5/2.49**



Expansion covers simulate disk drives.

START COMPUTING WITH THE EXPANDABLE AND AFFORDABLE 16K TRS-80® MODEL 4

**NEW
FOR '84**

Cassette-Based
Model 4

999⁰⁰

Only \$56 Per Month On CitiLine Credit

- Self-Contained Desktop Unit In a New White Cabinet
- Huge Library of Ready-to-Run Software Available
- High-Resolution 12" Monitor
- Displays 16 Lines of 64 Upper and Lower Case Characters
- 70-Key Keyboard with Numeric Keypad
- Contains Powerful Model III BASIC Language
- Printer Interface • Expands Easily as Needs Grow

16K TRS-80 Model 4. The affordable personal computer that's ideal for beginners—it's easy to use and hard to outgrow! This new TRS-80 features 16,000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays 32 or 64 upper and lower case characters per line, and includes automatic scrolling, a screen print command, repeating keys, a real time clock, and printer interface. Model III BASIC, contained in ROM, gives you superior programming features. There's 16-digit accuracy, multi-dimension arrays, a program line editor, definable cursor, comprehensive string handling, 255-character program lines and string variables, automatic line numbering, machine language user calls, scroll protect, 23 specific error codes and even a special graphics character set. Save your own programs and data on cassettes with an optional recorder (below). Use our ready-to-run software to set up a household

budget, computerize your club's mailing list, teach your kids, play exciting computer games, and much more! Model 4 can analyze statistics and even become an incredibly low-cost word processor. There are also languages and utility programs for both the beginning and advanced programmer. The possibilities are almost limitless! And as your computing needs grow, Model 4 can keep pace. This cassette-based system expands easily to 48K or even into a full-powered 64K disk-based system to take advantage of all the new Model 4 disk features described on page 172. Just add internally a 64K RAM kit and Model 4 Disk Drive 0 (below). You can also add accessories like a printer, plotter, digitizer, telephone interface and external floppy disk or hard disk drives. Includes easy-to-use 340-page beginner's manual to get you started in programming. U.L. listed.

26-1067 999.00

TRS-80 Model 4 Expands to Meet Your Growing Computing Needs

Computer Recorder



59⁹⁵

Designed for
The TRS-80

Ideal for loading and recording programs and data on cassettes. Includes cable. U.L. listed AC operation or 4 "C" batteries (not incl.).

26-1208 59.95

Expansion Options

64K RAM Kit. Expands internal memory from 16K to 64K. Also upgrades 64K to 128K.

26-1122 149.00

Model 4 Upgrade Kit. Converts Model III disk system to Model 4. 26-1123 799.00

Model 4 Disk Drive 0. Converts Model 4 cassette to Model 4 disk system. 26-1127 649.00

16K RAM Kit. Model III only. 26-1102 ... 49.00

Model 4 Disk Drive 1. Adds another 184K of internal disk storage. 26-1163 239.95

RS-232C Serial Interface Kit. Lets you use serial devices, such as a modem to communicate with other computers over the phone. Includes cable. 26-1148 99.00

Computer upgrade kit prices do not include required installation charges.



External Disk Drives

Were \$449.00 each in 1983 catalog. Each stores 184K of data. Internal Drive #0 required.

Disk Drive Kit 3. 26-1164 359.00

Disk Drive Kit 4. 26-1161 319.00

QUALITY CASSETTE SOFTWARE FOR MODEL 4/III/I



Business

SCRIPSIT® Word Processing. Cassette version of our popular word processing program! Compose and edit text on the video display, then print correction-free documents with optional printer. Save text on cassette for later use. Features include centering, headers, footers and more! Lets you find or replace specified words, too. **26-1505 39.95**

Cassette Mailing List. No more searching through address books! Now you can keep an updatable file of

names and print labels (with optional printer). Print entire list, or selectively by Zip Code, company name or other criteria. 80 names per data file with 16K. 250 names with 32K. **26-1503 19.95**

Budget Management. A terrific, low-cost way to keep up with and control your home budget. It's versatile and easy to use. Records up to 60 budgeted accounts with 25 cash expenses, plus 20 savings transactions and 50 checks per month. Prints various reports using an optional printer. Cassette and Disk. **26-1603 19.95**

Advanced Statistical Analysis. Ideal for business, education, administration. Programs include random sample, descriptive statistics, histogram, frequency distribution, analysis of variance, and much more. Cassette and Disk. **26-1705 39.95**

NEW! DOTPLOT-80. A software package to create beautiful graphics with easy-to-use BASIC commands! Requires graphics-mode printer. **26-2023 19.95**

PROGRAM REQUIREMENTS: All programs will run on Model I, III or 4 unless otherwise noted. Disk = 32K 2-Disk.

Entertainment

Microchess. It's you vs. the computer in the classic game of strategy. **26-1901 19.95**

Flying Saucers. It's 1999 and the sky is darkened with spy saucers. Be a hero and shoot them down with your laser cannon! **26-1905 9.95**

Pyramid. Explore the unknown passages of a forgotten Egyptian tomb in search of hidden treasure! **26-1909 14.95**

Haunted House. **26-1910 9.95**

Space Warp. **26-1912 14.95**

Paddle Pinball. Audio amplifier optional. **26-1914 9.95**

Raaka-Tu™. **26-1915 14.95**

Gammon Gambler™. **26-1916 19.95**

Bedlam. **26-1917 14.95**



Programming

DEBUG. For entering, testing and debugging machine language programs. **26-2000 19.95**

Series I Editor/Assembler. For assembly language programming. **26-2011 29.95**

Model III BASIC Tape Instruction Course. Introduction to BASIC programming. Eight lessons. Model III/4 only. **26-2015 24.95**

Tiny Pascal. Introduction to this structured programming language. Model III/4 only. **26-2020 19.95**

Cross Reference Utility. For building a cross reference table for any BASIC program. **26-2008 14.95**

Use Only Genuine TRS-80 Computer Accessories and Furniture

Auto Control Power Strip



SW-301. Activates up to five peripherals when you turn on your Model II, III, 4, 12 or 16. U.L. listed. **26-1429 69.95**

Power Line Filter



- Cuts Problem-Causing Interference
- Eight AC Outlets

49⁹⁵

Limits AC power line interference to Model I and Color Computer. Single switch controls eight outlets. Effective dual-section design. U.L. listed. **26-1451 49.95**



Dust Covers

Computers	Cat. No.	Price
Model 12/16	26-526	9.95
Model III/4	26-506	7.95
Color Computer	26-3006	4.95
MC-10 Pouch	26-529	4.95
Color Computer 2	26-532	4.95

Peripherals	Cat. No.	Price
CCR-81 Recorder	26-517	4.95
Color Computer Multi-Pak Interface	26-528	5.95
External Disk Drives	26-502	2/5.95

Printers	Cat. No.	Price
DMP-100/LP VII	26-512	4.95
LP VIII	26-514	4.95
DMP-120/200	26-522	5.95
DMP-400/LP VI	26-507	5.95
DMP-500/LP III/LP V	26-505	5.95
DMP-2100	26-525	5.95
Daisy Wheel II	26-508	5.95
Daisy Wheel II and Tractor	26-516	7.95
DWP-410	26-520	5.95
DWP-210	26-527	5.95
FP-215 Plotter	26-523	5.95
CGP-115	26-518	4.95
CGP-220	26-533	4.95
TP-10	26-531	4.95

Model 4/III System Desk and Printer Stand



179⁰⁰

Provides Sturdy Support for System

Model 4/III System Desk. Spacious and attractive—perfect for office use. Easy assembly. **27 x 48 x 27". 26-1305 179.00**

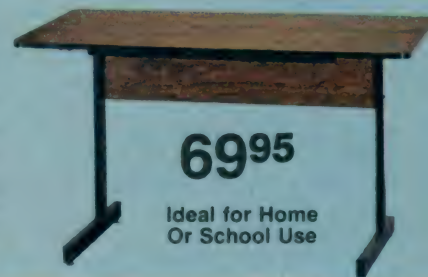


99⁰⁰

Printer Stand. Matches system desk. Slotted top for bottom-feed printers. Easy assembly. **27 x 23 1/2 x 19". 26-1308 99.00**

Space-Saving Computer Table

A perfect "beginner's" desk for anyone just getting started. Lots of versatility at a low price! Small enough to let you set up your system nearly anywhere, but large enough for the TRS-80 Color Computer or even the Model 4. Easy to assemble. **27 x 48 x 24". 26-1324 69.95**



69⁹⁵

Ideal for Home Or School Use

Important Notice: All Radio Shack computer programs are licensed on an "as is" basis, without warranty. Radio Shack shall have no liability for any loss or damage caused by computer equipment or programs sold by Radio Shack, including but not limited to any interruption of service, loss of business or consequential damages resulting from such computers or programs.



DISK-BASED MODEL 4 AT A PRICE YOU'D NEVER EXPECT

64K 2-Disk
With
RS-232C
1999⁰⁰
Only \$112 Per Month
On CitiLine Credit

64K 1-Disk
Without
RS-232C
1699⁰⁰
Only \$97 Per Month
On CitiLine Credit

**NEW
FOR '84**

Look at These Model 4 Disk Features:

- New Styling—White Cabinet, New Keyboard With CONTROL, CAPS, and 3 Function Keys
- Full 80-Column by 24-Line Display for Word Processing and Large Spreadsheets
- 64,000-Character Memory is Expandable to 128,000 Characters and Can Be Used As a Super Fast RAM-Based "Disk Drive"
- New High-Speed (4 MHz) Gives Maximum Efficiency in a Personal Desktop Computer
- Runs Thousands of Model III TRSDOS®, LDOS™ and CP/M Plus™ Programs
- Features All New Microsoft® BASIC and TRSDOS 6.0
- Job Control Language With Sound Alerts
- Built-In Print Spooler and Parallel Printer Port
- One or Two Double-Density Drives—184K Each

TRS-80 Model 4 Disk System. Compare the price and the standard features of this all new Model 4 to any other computer in its class. You'll find that for power, versatility and convenience, it is a true breakthrough!

Amazing Versatility. The Model 4 can run all Radio Shack Model III TRSDOS® programs (in Model III mode) without change, as well as LDOS™ and CP/M Plus® programs. This means that Model III owners can upgrade to a Model 4 without making their present software obsolete, and have at their disposal thousands of different applications. Because of its 64K memory and 80×24 display, you'll find Model 4 perfect for business applications—like forecasting and analysis, word processing and more (see below).

Advanced Features. There's "MemDisk", which lets you use extra memory as a super-fast disk drive. The result? Keystroke-quick responses instead of time-consuming disk access. A software print spooler lets you print out a job at the same time you're using Model 4 for other tasks. The Job Control Language allows you to set up a whole series of operations for your Model 4 to perform without supervision. There's even an advanced host/terminal program. The 2-disk version includes a built-in RS-232C Serial Interface that allows communication with other computers or access to national information networks by phone (requires modem and cable).

Easy Expansion. Internal memory is expandable to 128K. For large applications, add up to four drives or choose our 5Mb Hard Disk System (at right). Comes with Microsoft® Disk BASIC and TRSDOS 6.0 operating system, owner's manual, reference card, comprehensive programming manual, and an introduction to your computer that gets you started immediately. 12½ × 18⅞ × 21½". U.L. listed.

64K 2-Disk. 26-1069 1999.00

64K 1-Disk. As above, but without RS-232C. 26-1068 .. 1699.00

VisiCalc/Registered TM VisiCorp. Microsoft/Registered TM Microsoft Corp. LDOS/TM Logical Systems, Inc. CP/M Plus/TM Digital Research, Inc.

Disk Software for Model 4—Especially for Busy Managers

Word Processing Programs

SuperSCRIPSIT®. I/III **C** This powerful word processing program lets you prepare memos, letters and reports, then print as many correction-free originals as you need with an optional printer. Depending upon your choice of printer, SuperSCRIPSIT supports proportional-spaced printing, multiple line spacing (including half-space), underline, double underline, boldface, super and subscript and multiple columns. It also includes a "help" facility. Ten user-defined keys—each storing up to 127 pre-defined keystrokes—can be used to recall frequently used words, phrases or commands. Includes training manual and audio cassette course with reference manual and card. 26-1590 199.00

SuperSCRIPSIT®. 4 **E** Uses full 80×24 screen display and reverse video. 26-1595. Available 10/30/83 199.00

SCRIPSIT®. I/III **A** Without advanced printing features. 26-1563 99.95

Data Base Management

Profile® III Plus. III **D** Our most versatile electronic filing program allows you to create your own personalized data base to store and retrieve virtually any type of information. Stores up to 700 records of 255 characters in length on a 2-disk database, 2100 with 4 disks. Create 99 fields per record. High speed access using up to 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Tailor five data entry screens to match your needs. Prints custom reports and mailing labels. Merges with VisiCalc® (26-1569) and SuperSCRIPSIT. Operates only in Model III mode. 26-1592 199.00

NEW! Hard Disk Version. III **C** 26-1593 299.00

Forecasting and Analysis

NEW! Model 4 Enhanced VisiCalc. 4 **E** This versatile management and engineering planning tool can now display more of your worksheet on Model 4's 80×24 screen. A Model 4 can handle even larger worksheets, too, using its full 128K memory. You define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly updates every related number! You can view countless "what if . . ." situations in seconds. Entry editor modifies formulas and labels without re-entering them. Logical and comparison operators perform testing and branching. Optional printer allows printing of any portion of your worksheet. 26-1520 .. 249.95

Enhanced VisiCalc. III **C** 26-1569 199.00

MORE EXCITING OPTIONS FOR MODEL 4/III/I

New Low Price! 5-Megabyte Hard Disk



Primary Drive

1999.00

Was \$2995 In '83 Cat.

Secondary Drive

1799.00

Was \$2495 In '83 Cat.

High-speed access to 5 million characters (20 megabytes with three additional units). Compatible with Model 4/III/I software.

Primary Drive. I/III/4 (A) Includes Hard Disk Operating System with BASIC and manual. **26-1130** **1999.00**

Secondary Drive. I/III/4 (A) **26-1131** **1799.00**

Model I Adapter Kit. Requires Expansion Interface, 32K memory, Disk BASIC. May require installation (not incl.). **26-1132** .. **39.95**



Add Superb High-Resolution Graphics

Low As **249.95***

- For Business, Engineering And Entertainment
- Simple Graphics BASIC
- Draw Lines • Fill Spaces

NEW! Model 4 High-Resolution Graphics. 4 (E) Turns your display into a "sketch pad" to create sophisticated business tables, charts, maps, graphs, illustrations, geometric patterns and animation! The 153,600-pixel display allows amazingly fine detail, and the Graphics BASIC command structure is a snap for anyone. Includes manual and diskette with subroutine library.

26-1126. Available 10/15/83 **249.95***

High-Resolution Graphics. III (C) **26-1125** **369.95***

* Requires installation, not included.

A Variety of Quality Programs Available To Meet Your Software Needs

Business, Accounting and Inventory

NEW! General Ledger. III (D) Handles up to 100 accounts and 1150 transactions a month. Provides easy-to-read financial reports and computes up to five levels of totals. Compare current year figures with previous year's on the same balance sheet or income statement. Interfaces with other new accounting software (below).

26-1540 **199.95**

NEW! Accounts Receivable. III (D)
26-1541. Available 9/15/83 **199.95**

NEW! Accounts Payable. III (D)
26-1542. Available 10/15/83 **199.95**

NEW! Payroll. III (D) **26-1543. Available 9/15/83** .. **99.95**

Business Checkwriter™. III (D) **26-1585** **149.95**

Inventory Control I. I/III (B) **26-1553** **99.95**

Manufacturing Inventory Control. I/III (B)
26-1559 **199.95**

Business Mailing List. I/III (B) **26-1558** **99.95**

NEW! Real Estate Finance. III (D) **26-1579** **99.95**

More Software to Streamline Your Work

Business Graphics Analysis Pak. III (D) Create pie, bar, line or scatter charts. **26-1597** **174.95**

NEW! PFS®:FILE. III (D) Powerful, yet easy to use personal filing system. It lets you organize your information on "forms" that you can easily design yourself.

26-1515 **124.95**

NEW! PFS:REPORT. III (D) **26-1516** **99.95**

Time Manager™. III (D) **26-1582** **99.95**

Project Manager™. III (D) **26-1580** **99.95**

Personnel Manager™. III (D) **26-1581** **99.95**

VisiCalc Business Forecasting Model™. III (C)
26-1521 **99.95**

Minimum Hardware Requirements for Disk Programs

III = Model III
I/III = Model I or III
I/III/4 = Model I, III or 4
4 = Model 4 only

(A) 32K 1-Disk (C) 48K 1-Disk
(B) 32K 2-Disk (D) 48K 2-Disk
(E) 64K 1-Disk

Programs for Personal Finance and Communications

NEW! MICRO/Courier®. III (D) Send and receive electronic mail or data. Automatically dials after hours to reduce rates and sends mail to multiple locations. Terminal mode included. Requires Modem II and RS-232C interface. **26-1589** **149.95**

NEW! Disk Trendex. I/III (A) Provides stock trend indications. Not for counsel to buy or sell securities. **26-1510** **59.95**

Standard & Poor's STOCKPAK™ System. III (B) **26-1507** **49.95**

Operating Systems and Programming Languages

NEW! CP/M Plus®, 4 (E) CP/M 2.2 compatible. **26-2216** **149.00**

NEW! CBASIC®, 4 (E) **26-2217** **99.00**

NEW! PASCAL. I (D) III (C) **26-2211** **249.95**

COBOL. I/III (D) **26-2203** **199.00**

FORTRAN. III (D) **26-2200** **99.95**

NEW! BASIC Faster and Better. I/III (D) **26-2021** **19.95**

NEW! BASCOM. III (D) Compiles Model III BASIC programs.
26-2210 **195.00**

Editor/Assembler. I/III (A) **26-2013** **34.95**

NEW! LDOS™. III An advanced operating system. **26-2214** **129.00**

Model III TRSDOS 1.3 Replacement Diskette. Includes BASIC. 26-312 **14.95**

NEW! TRSDOS 6.0 Replacement Diskette. For Model 4. Includes Microsoft® BASIC. 26-313 **14.95**

Fascinating and Challenging Disk Games



ZORK™. III (A) Find treasures in this mind-boggling adventure game. **26-1951** **39.95**

Xenos. I/III (A) Seek and destroy whatever has wreaked havoc on the town! **26-1955** **24.95**

Monty™ Plays Monopoly®. III (A) Requires boardgame. **26-1952** **34.95**

Monty™ Plays Scrabble®. III (A) Requires boardgame. **26-1954** **34.95**

PFS/Registered TM Software Publishing Corp. Time, Project, Personnel Manager/TM Image Producers. VisiCalc Business Forecasting Model/TM VisiCorp. STOCKPAK/TM Standard & Poor's, Inc. Micro/Courier/Registered TM Micro Comm. Inc. CBASIC, CP/M, CP/M Plus/TM Digital Research. LDOS/TM Logical Systems, Inc. ZORK/TM Infocom, Inc. Monty/TM Ritem Corp. Monopoly/Registered TM Parker Brothers, Inc. Scrabble/Registered TM Sclchow & Richter Co.

COMPLETE YOUR TRS-80 SYSTEM WITH A PRINTER

Fully-Addressable Dot-Matrix Printer

New Low Price! Color Graphics Printer



399⁰⁰

Only \$28 Per Month
On CitiLine Credit

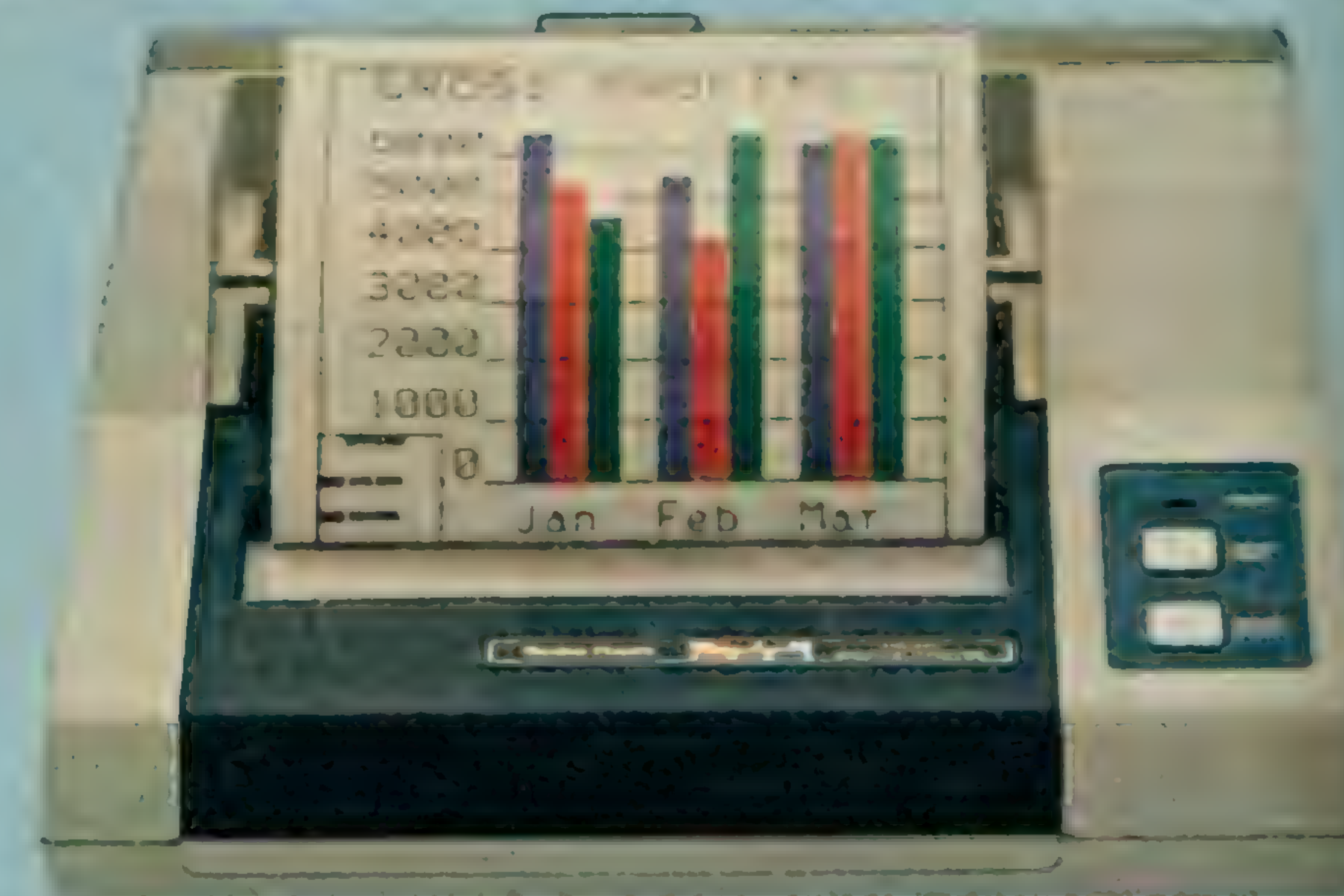
Bit-Image Mode
Allows Printing
of High-Density
Graphics

DMP-100. This low-cost printer gives you black and white graphics printouts of Color Computer screen displays. Prints 7 x 5 dot-matrix upper and lower case characters on an 8" line, with underline capability. Print 50 characters per second at 10 characters per inch (80 columns at 27 lines per minute), or select expanded at 5 cpi (40 columns). Adjustable tractor, 4 1/2" to 9 1/2". Uses up to 9 1/2" fanfold paper. With 480-byte full-line dot buffer. Selectable parallel and Color Computer-compatible serial interfaces (600/1200 baud). Includes ribbon cartridge. U.L. listed. 26-1253 399.00

199⁹⁵

Was \$249.95
In 1983 Catalog

- Ultra-Compact
- Uses Easily Replaceable Ink Cartridges



CGP-115. Create beautiful graphics in red, green, blue and black, plus print alphanumeric. Built-in commands make it easy. Text mode prints 40 or 80 characters per line at 12 characters/sec. 2 15/16 x 8 1/4 x 8 1/2". U.L. listed. 26-1192 199.95

Black Pens. 26-1480 Set of 3/2.95

Colored Pens. One red, green and blue. 26-1481 Set of 3/2.95

Roll Paper. 4 1/2" wide. 26-1428 Pkg. of 3/4.95

Versatile 9 1/2" Dot-Matrix Printers

A DMP-120

B DMP-200

**NEW
FOR '84**

499⁹⁵

Only \$30 Per Month
On CitiLine Credit

A DMP-120. High-speed data processing and graphics modes! Prints 10 and 16.7 cpi, or elongated 5 and 8.3 cpi; 120 cps at 10 cpi. Uses fanfold, single sheet or roll paper. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1255 499.95

B DMP-200. Word processing, bit-image graphics and data processing modes! Bi-directional, logic-seeking head prints 10, 12 or 16.7 cpi; 120 cps at 10 cpi. Adjustable tractor. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1254 699.00

699⁰⁰

**ONE
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350
NEW LOW PRICES**

Was \$799
in '83 Cat.

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Low-Cost "Letter-Quality" Printer

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FOR '84**

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Only \$45 Per Month
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Interchangeable
100-Character
Print Wheels



DWP-210. For that "professional look"! Select 10 or 12 characters per inch, or proportional pitch. Prints over 200 words per minute (18 cps) at 10 cpi. Prints original, plus two copies. With 1/120" space and 1/48" line feed. Ribbon End, Cover Open and Paper Empty sensing. Includes carbon ribbon and Courier 10 print wheel. U.L. listed. 26-1257 799.00

DWP-210 Courier Print Wheel. 10 pitch. 26-1467 9.95

DWP-210 Elite Print Wheel. 12 pitch. 26-1468 9.95

DWP-210 Venezia PS Print Wheel. 26-1469 9.95

DWP-210 Bi-Directional Tractor Feed. 26-1443 149.95

Affordable Flatbed Color Plotter

995⁰⁰

Get High-Speed
Plotting and
High-Quality
Four-Color Graphics



FP-215. Draws using BASIC ASCII command codes and parameters. Prints text horizontally or vertically using BASIC LPRINT command. Single pen plotting—pens can be easily changed to make multi-color plots. Red, blue, green and black pens included. Uses 10 1/8 x 14 5/16" or 8 x 11 1/2" paper. Plot size: 7 5/16 x 10 5/8" or 8 1/2 x 11 3/4". Plot Speed: 100mm per second (3 15/16 ips). Step size: 1 mm. Includes parallel and Color Computer serial interfaces. U.L. listed. 26-1193 995.00

TRS-80 Color Computer Graphics Tablet

349⁹⁵

Only \$28 Per Month
On CitiLine Credit

Plugs Into
Program Pak™
Slot

GT-116 "X-PAD". Instant graphics at the touch of a pen! Use pen for drawing or stylus for tracing—X-PAD reads the design into your Color Computer. Directly compatible with computer graphics capability. Accesses Extended BASIC graphics commands. Writing area: 7 x 9". Menu area: 8 x 10". Form size: 8 1/2 x 11". Pad size: 11 x 13". Software included provides interactive menu for all drawing routines, plus user-defined menu functions. 26-1196 ... 349.95



Color Computer 2
requires Multi-Pak Interface

INSIST ON TRS-80 ACCESSORIES AND SUPPLIES

Make the Right Connection With Radio Shack Cables



Standard Parallel Printer Cables

For Model I/III/4, 6 ft. 26-1401 39.00
For Model II/12/16/16B, 6 ft. 26-4401 39.00
For Model II/12/16/16B, 12 ft. 26-1323 44.95

Cassette Recorder Cable

Model I/III/4/Color Computer. 26-1207 5.95

Color Computer Serial Interface Cables

To Printers and Modems. 26-3020 4.95
To Quick Printer II. Also for Model I special serial interface. 26-3009 4.95
To RS-232C Ports. 26-3014 19.95

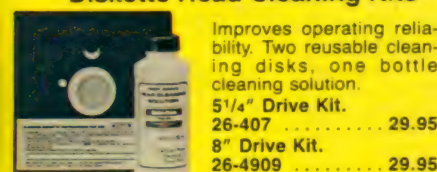
New! Model 100 Cables

To Parallel Printers. 26-1409 14.95
Built-In Modem to Phone Jack. 26-1410 19.95

RS-232C Serial Interface Cables

For Model III/4/12/16B, 5 ft. ribbon. 26-1408 19.95
For Model II/16, 5 ft. round cable with terminator. 26-4403 39.95
For Model III/4, 8" extender. Allows use of round RS-232C cables. 26-1497 17.95
RS-232C Cable Connector. 26-1495 29.95
Null Modem Adapter. 26-1496 29.95
Extended Lengths With DB25 Connectors
10 ft. 26-1490 29.95
25 ft. 26-1491 39.95
50 ft. 26-1492 54.95
100 ft. 26-1493 89.95

Diskette Head Cleaning Kits



Improves operating reliability. Two reusable cleaning disks, one bottle cleaning solution.
5 1/4" Drive Kit. 26-407 29.95
8" Drive Kit. 26-4909 29.95

Screen Cleaner



Reduce eye strain. With 50 pre-wet wipes and lint-free cloth. 26-1318, 6.95

Anti-Static Spray

Use on carpet, pet, etc. to eliminate destructive static. 26-515, 5.95



Reduce TRS-80 Screen Glare



Anti-Glare Panel. Optically-coated glass for Model I/II/III/4/16. 26-1457 39.95
NEW! For Model 12/16B. 26-1326 39.95

Anti-Glare Mask. Nylon mesh. 26-511 16.95

TRS-80 Computer Tapes and Diskettes—Certified for Excellence

Cassette Tapes



NEW! C-20 Deluxe "Reel-to-Reel" Certified Cassette Tape. 26-308 3.79

New Low Price! C-20 Certified Cassette Tape. With specially reinforced ends. Was \$3.79 in 1983 Catalog. 26-301 2.79

C-10 Cassette Tape. With specially reinforced ends. 26-302 1.79

Cassette Labels. 26-304 Pkg. of 60/1.95

Certified TRS-80 Diskettes

Our diskettes are made to the most rigid standards in the industry. They're double-coated with an advanced ferric oxide blend that produces maximum lubrication and resistance to diffusion. Certified free of defects.

5 1/4" Unformatted Diskettes. Single-sided, double-density, 40-track, soft-sector.

Single Diskette. 26-305 4.95
Diskette 3-Pack. 26-405 13.95
Diskette 10-Pack. 26-406 39.95

8" Unformatted Diskettes. Double-density, 77-track, soft-sector.

Single-Sided.

NEW! Diskette 3-Pack. 26-4904 19.95
Diskette 10-Pack. 26-4906 59.95

Double-Sided.

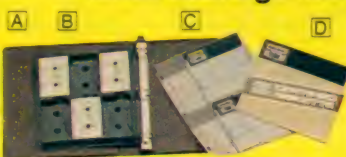
NEW! Diskette 3-Pack. 26-4961 24.95
Diskette 10-Pack. 26-4960 69.95

5 1/4" Diskette Replacement Labels. 26-307 Pkg. of 50/1.95

8" Diskette Replacement Labels. 26-4955 Pkg. of 50/1.95



Data Storage Media Last Longer If Properly Protected



Disk and Cassette Binder

[A] Universal Data Binder. 3-ring binder for cassette holders and diskette envelopes. 26-1310 5.95

[B] Cassette Holder. Stores six cassettes. 26-1311 Pkg. of 2/4.95

Disk Envelopes. Convenient storage.

[C] 5 1/4" 26-510 Pkg. of 10/7.95

[D] 8" 26-4907 Pkg. of 10/7.95



Diskette Storage and File Boxes

Protects up to ten diskettes. Index is always visible.

[A] 8" Diskette Storage Box. 26-4956 5.95
[B] 5 1/4" Diskette Storage Box. 26-1321 4.95

Each file box holds 50 diskettes. With index dividers.

[C] New Low Price! Program Pak™ File Box. Holds 16 Program Paks or cassette boxes. Was \$34.95 in 1983 Catalog. 26-1314 29.95

[D] 5 1/4" Diskette File Box. 26-1453 29.95

[E] 8" Diskette File Box. 26-4953 39.95

Diskette Mailers



5 1/4". Pkg. of 5. 26-1317, 6.95

8". Pkg. of 5. 26-4954, 8.95

Stock Up on Convenient Fanfold Printer Paper



Size	Design	Quantity	Box	Cat. No.	Price
9 1/2 x 11"	Blank White	500 sheets	Mini-Pak	26-1423	8.95
9 1/2 x 11"	Blank 20#	1250 sheets	Tote	26-1427	24.95
9 1/2 x 11"	Greenbar	3500 sheets	Carton	26-1403	39.95
14 7/8 x 11"	Greenbar	500 sheets	Mini-Pak	26-1330	9.95
14 7/8 x 11"	Greenbar	3500 sheets	Carton	26-1417	59.95

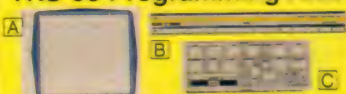
(9 1/2 x 11" sheets have "invisible" vertical edge perforations)

Printer Roll Paper

For TRS-80 printers no longer in stock.

Printer	Paper	Cat. No.	Price
LP I, II, IV, VIII, DMP-200	8 1/2" x 500'	26-1402	2/19.95
Quick Printer 26-1153	Electrostatic 4 1/4" x 130'	26-1405	3/16.95
Quick Printer II 26-1155	Electrostatic 2 3/8" x 75'	26-1412	3.95
Plotter/Printer 26-1190	9" x 90'	26-1407	4.95

TRS-80 Programming Aids



[A] Worksheets. 26-2105 100/3.95

[B] Ruler. 26-1313 3.50

[C] Template. 26-1312 3.95

Pressboard Binders



14 7/8 x 11". 26-1339, Pkg. of 2/7.95
11 x 8 1/2". 26-1340, Pkg. of 2/7.95

Fanfold Mailing Labels

NEW! 1-Wide. Pressure-sensitive. Pkg./1000. 26-1328 6.95
2-Wide. Dry gum. Pkg./2400. 26-1456 9.95

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers

RADIO SHACK MAKES PRINTING FAST AND EASY

"Letter Quality" Dot Matrix Printer



**NEW
FOR '84**

1995⁰⁰

DMP-2100. Delivers high-speed for data processing, high-resolution for dot-addressable graphics, and a word processing mode with print quality that rivals a Daisy Wheel! Prints 32,400 dots per square inch. Change pitch and font within your text without changing printwheels. Prints 160 cps in DP mode, 770 words per minute in WP mode. Measures just 5⁷/₈ x 21¹/₁₆ x 15". U.L. listed. 26-1256 1995.00

High-Performance Business Printer



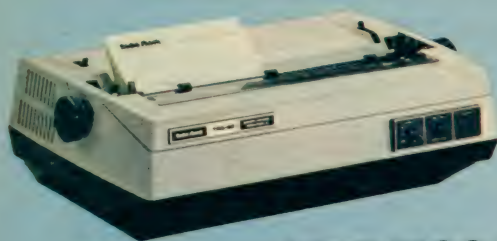
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OF
OVER
350
NEW LOW PRICES**

1295⁰⁰

Was \$1795 in '83 Catalog

DMP-500. Prints a full 132-column line at 78 lines per minute (220 cps). Data processing, word processing and graphics modes. Bi-directional, logic-seeking print head. Removable tractor adjusts from 4" to 15". Paper and form-feed controls. 7¹/₁₆ x 24⁵/₈ x 15⁷/₈". U.L. listed. 26-1252 1295.00

"Letter-Quality" Impact Printer



1995⁰⁰

Daisy Wheel II. Our best formed-character printer. Prints over 500 words per minute with that crisp, clean "electric typewriter" look. Interchangeable print wheels and selectable print densities. With Courier 10 print wheel, ribbon. 8 x 24¹/₂ x 15¹/₂". U.L. listed. 26-1158 1995.00

Affordable Letter-Perfect Printing

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350
NEW LOW PRICES**



1295⁰⁰

Was \$1495.00 in 1983 Catalog

DWP-410. Prints 300 words per minute. Select 10 or 12 characters per inch, or proportional pitch. Forward and reverse line feed, underline and programmable backspace. With Courier 10 print wheel, ribbon. 8 x 23 x 13". U.L. listed. 26-1250 1295.00

Seven-Color Ink Jet Printer

**NEW
FOR '84**



699⁰⁰

Only \$41
Per Month
On CitiLine
Credit

CGP-220. This incredibly quiet printer features a "state of the art" drop on demand ink-jet printing system and lets you print text and graphics. Prints 40 characters (7 x 5) per second in text mode and 2600 dots per second in color scan mode. Graphics resolution is 560 monochrome dot columns per line in standard bit image mode and 640 dots per line in the multi-color mode. Parallel or Color Computer-compatible (600/2400 baud) serial interface. 26-1268 699.00

Black Ink Pak. 26-1281 9.95

Tri-Color Ink Pak. 26-1282 14.95

Roll Paper. 26-1333 Pkg. of 3/9.95

8 1/2 x 11" Paper. 26-1341 250 Sheets/6.95

**NEW
FOR '84**

Versatile "Triple-Mode" Printer

999⁰⁰



- Low-Profile Styling
- Prints 140 CPS at 10 CPI

DMP-420. New double-wall cover design aids in noise reduction. Prints 132-column line at 51 lines per minute. Features word processing, data processing and dot-addressable graphics modes. Removable tractor allows use of 4" to 15" fanfold paper. Prints original, plus two copies. 6¹/₂ x 13⁵/₈ x 25⁵/₈". U.L. listed. 26-1267 999.00

SW-302 Parallel Printer Switch. Connect two printers to one computer, or two computers to one printer. Cables not included. U.L. listed. 26-1498 119.95



Replacement Ribbons				
Printer	Ribbon	Character Life	Catalog No.	Price
LP I, II, IV	Fabric Pack	1 million	26-1413	3/15.95
LP III, V	Fabric Cart.	2 million	26-1414	11.95
LP VI, VIII, DMP-400, 420	Fabric Cart.	1 million	26-1418	11.95
LP VII, DMP-100	Re-inking Fabric Cart.	1 million	26-1424	8.95
DMP-500	Fabric Cart.	4 million	26-1482	13.95
DMP-200, 120	Fabric Cart.	4 million	26-1483	15.95
DMP-200, 500, 120	Refill Pack	4 million	26-1489	3/15.95
DMP-2100	Fabric Cart.	2 million	26-1442	13.95
DW II, DWP-410	Carbon Film Cart. Multi-strike	250,000	26-1419	3/21.00
DW II, DWP-410	Fabric Cart. Black	1 million	26-1449	10.95
DWP-210	Multi-strike Cart.	300,000	26-1445	3/17.95
DWP-210	Fabric Cart.	1 million	26-1458	8.95

TRS-80®—THE WORLD LEADER IN MICROCOMPUTERS

The New Model 12 Computer— Affordable and Expandable



**NEW
FOR '84**

The Perfect
Computer for
Any Size
Business

Low
As **3199⁰⁰**

Commercial Lease Available
For Only \$115.00 Per Month
(Plus Applicable Use/Sales Tax)

Our most popular multi-purpose workstation. Ideal for accounting, word processing, planning, electronic filing, mainframe communications, and more. Model 12 features an 80,000-character internal memory, and each built-in disk drive stores 1,250,000 characters. Easy internal and external expansion. U.L. listed.

1-Disk Model 12. 26-4004 3199.00
2-Disk Model 12. 26-4005 3999.00

12-Megabyte Hard Disk System

2995⁰⁰

**ONE
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OVER 350
NEW LOW PRICES**

Was \$3495
In Cat. RSC-9

Extremely
Fast Access,
To Programs And Data



Adds 12 million characters of storage to your Model II, 12 or 16 microcomputer. Winchester technology assures reliable, fast transfer. Uses all current TRSDOS library commands, plus new hard disk utilities. Secondary drives are available for our 12 and 8-megabyte hard disks, too. U.L. listed. Installation not included. 26-4152 2995.00

Model 16B—Our Fastest, Most Powerful TRS-80 Ever!



**NEW
FOR '84**

Includes
TRS-XENIX
Multi-User
System

Low
As **4999⁰⁰**

Commercial Lease Available
For Only \$175.00 Per Month
(Plus Applicable Use/Sales Tax)

Model 16B can become the hub of a multi-user office system! Just add one or two terminals, hard disk and cable, and up to three people can perform different tasks at the same time. Dual processor design features MC68000 16-bit and Z-80A 8-bit microprocessors. 256K internal memory (expandable to 768K), one or two built-in 1.25-million-character 8" disk drives, 12" green monitor, detachable typewriter keyboard. U.L. listed.

256K 1-Disk Model 16B. 26-6004 4999.00
256K 2-Disk Model 16B. 26-6005 5798.00

XENIX and Microsoft are trademarks of Microsoft Corp

Deluxe DT-1 Video Data Terminal

699⁰⁰

Ideal for Our
Model 16-Series
Multi-User
System



Features convenient configuration selection of four popular standard terminals from the keyboard. Non-volatile memory retains terminal configuration even when power is off. 12" diagonal 80 x 24 display. U.L. listed. 26-6050 699.00

**All-New
1984
TRS-80®
Computer
Catalog**

Available
Sept. 30, 1983

Coming Soon! Come In for Your Free Copy of the New Radio Shack TRS-80 Computer Catalog

Just Ask for Catalog RSC-10

FREE—Our new full-color, 60-page catalog includes detailed information on the exciting line of TRS-80 computers, accessories and software. Available late September at your nearest Radio Shack store, Computer Center or participating dealer. Be sure to get your copy of the most complete computer catalog available.

TRS-80® COLOR COMPUTERS—BETTER THAN EVER

Our Color Computers Are Ideal for Entertainment, Education and Home Use

16K Standard
Color Computer 2

23995
Less TV

Only \$25 Per Month
On CitiLine Credit

**NEW
FOR '84**

16K Extended
Color Computer 2

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Less TV

Only \$27 Per Month
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- Each Model Uses Instant-Loading Program Paks
- Eight Vivid Colors • Exciting Sound Effects

TRS-80 Standard Color Computer 2. We improved our most popular family computer with a compact white case, low-profile, electric typewriter-quality keyboard and a price that's \$160 less than last year's model! Easily attaches to any TV—then Program Paks let you set up a budget or monitor your investments, and help the kids develop math and reading skills. You can also learn how to program, battle starships, run a maze, play baseball—and lots more. Expand with a cassette recorder, disk drives, a printer or telephone communications. With entertaining 308-page beginner's manual. U.L. listed.

26-3026 239.95

TRS-80 16K Extended Color Computer 2. All the features of the Standard Color Computer 2, plus advanced programming capabilities to make spectacular, high-resolution color graphics with music and sound effects using simple one-line commands. Powerful programming features include PEEK, POKE and USR commands, multi-character variable names (two significant), string arrays up to 255 characters, full-featured editing, tracing and 9-digit accuracy. Includes tutorial manuals on both Standard and Extended BASIC. U.L. listed. 26-3027 319.95

Specifications

Microprocessor: 6809E 8-bit processor. **Clock Speed:** 0.894 MHz. **Keyboard:** 53 keys, including up, down, right and left arrows, BREAK and CLEAR. **Video Display:** 16 lines of 32 upper case characters. Color graphics capabilities range from 32 x 64 (8 colors) to 192 x 256 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language, Extended BASIC or Program Paks. Output connects to any standard TV set (300 ohms) and includes video and sound. **Memory:** 16K internal dynamic RAM. Expandable to 64K. Color BASIC is in 8K ROM, 16K ROM with Extended BASIC. **Input/Output:** 1500-baud cassette (recorder optional). Connectors for two 2-dimensional joysticks (optional). RS-232C serial I/O port. **Interrupt Timer:** Accessible from Extended BASIC or machine language only. **Dimensions:** 3 x 10³/₈ x 14³/₄". **Power:** 120VAC, 60 Hz, 50W.

Color Computer Upgrade Kits Add More Memory and Better Graphics

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. 26-3015 49.00*

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to 64K. 26-3017 149.00*

New Low Price! Extended Color BASIC ROM Upgrade Kit. Upgrades a Color Computer for advanced graphics capabilities. Requires a minimum of 16K. Was \$99.00 in 1983 Catalog. 26-3018 79.95*

New Keyboard Upgrade Kit. 26-3016 39.95*

*Upgrade kit prices do not include required installation.

Color Computer Accessories Add Even More Fun to Games

A Color Computer Joysticks. For faster, more realistic action. 360° movement. Single-shot button.

26-3008 Pair/24.95

B NEW! Color Mouse. For the ultimate cursor control! Adds speed and ease to game-playing and to creating color graphics. Use alone or with a joystick.

26-3025 49.95



Time-Saving Color Computer Multi-Pak Interface

17995

**NEW
FOR '84**

NEW! Multi-Pak Interface. Connect up to four Program Paks to your computer at once! Play repeatedly without changing setup or cartridges! 26-3024 179.95

NEW! Deluxe RS-232 Program Pak™. Communicate with information services! 26-2226 79.95



OUR MOST POWERFUL! 64K COLOR COMPUTER

Extend Storage Capacity With Color Disk Drives



1st Drive
399⁹⁵

Only \$28 Per Month
On CitiLine Credit

Additional Drives
279⁹⁵ Each

Only \$26 Per Month
On CitiLine Credit

Store and quickly access complete programs and large amounts of data! Adds 156,672 characters of storage per disk. Includes cable with plug-in Program Pak, blank 5 1/4" diskette and manual. Requires Extended BASIC. U.L. listed.

NEW! Color 2 Disk #0 Kit. 26-3029, 399.95

New Low Price! Color Disk #1, 2 or 3. Requires Disk #0. Was \$399.00 in 1983 Catalog. 26-3023 279.95

Color Disk #0 Kit. 26-3022 399.95

The Heart of a Sophisticated, Disk-Based Color Graphics System

NEW FOR '84

399⁹⁵ Less TV

64K Extended BASIC TRS-80 Color Computer

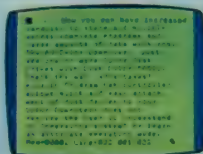
Only \$28 Per Month
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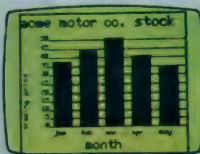
64K Extended BASIC Color Computer. Now double your programming power with this low-cost, professional computer. Compact, white case features a new electric typewriter-quality keyboard. Loaded with features for the serious programmer, too. Add our new Color 2 Disk Kit (at left) and OS-9 operating system (below) to utilize the full 64,000-character memory. Or access 32K of memory using the powerful, built-in Extended BASIC language. Easy-to-use one-line commands make detailed color graphics incredibly simple. Create drawings, business charts, engineering diagrams, even animation. With Standard and Extended BASIC manuals. U.L. listed. **26-3003 399.95**

Add These Color Computer Disk Programs for Problem-Solving or Fun

New Low Price! Disk Color SCRIPSIT™. Word processing. Displays upper/lower case. Was \$59.95 in 1983 Catalog. **26-3255 49.95**



NEW! Disk Graphics Pack. Easily create and plot a variety of charts and graphs. Includes key "legend". **26-3251 49.95**



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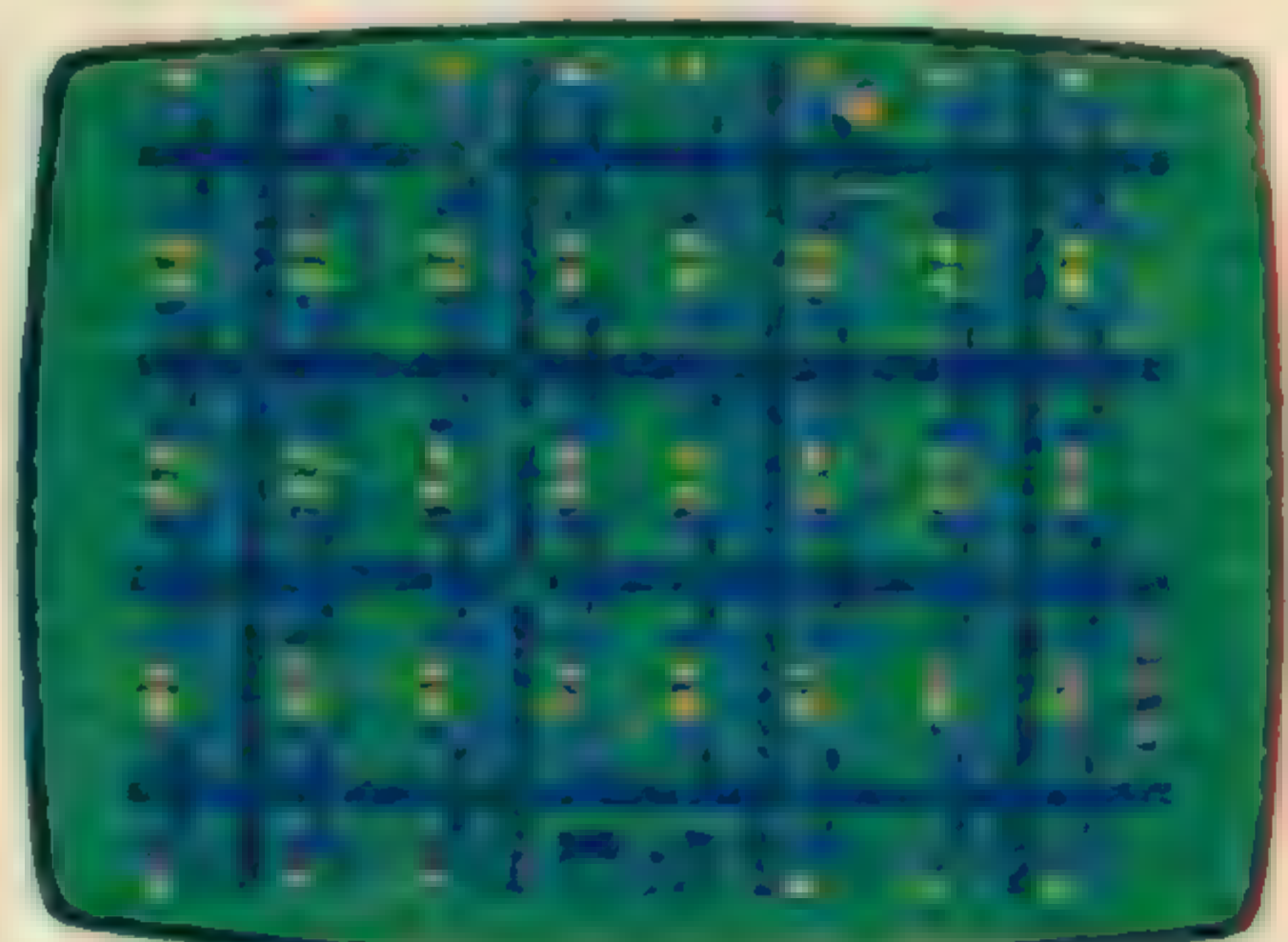
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COLOR COMPUTER GAMES FOR THE FUN OF IT

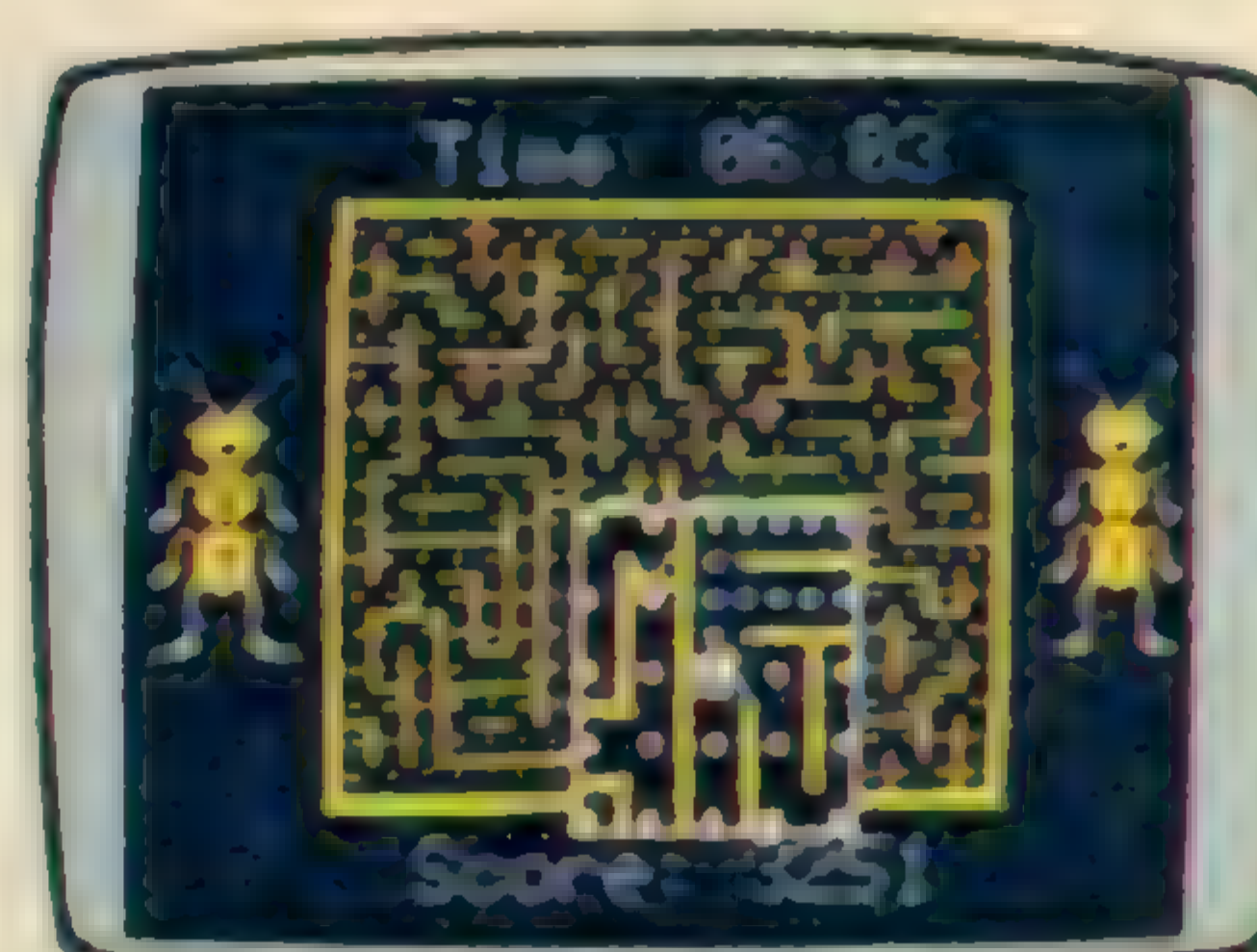
Experience the Excitement and Challenge of These Great Games!

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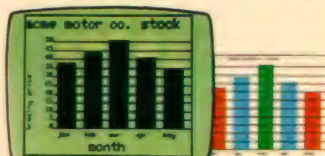
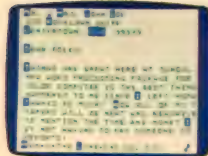
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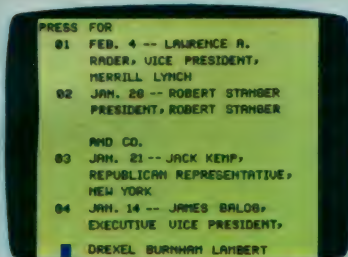
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8K RAM Model 100. 26-3801 799.00

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