

# Radio Shack® AMERICA'S TECHNOLOGY STORE™



DESIGN PROJECT:  
MEMOREX  
MANUFACTURED FOR:  
RADIO SHACK

## CONTINUING INNOVATION

The tradition continues... after 71 years, still the biggest, still the best in USA consumer electronics and computers. Only Radio Shack offers sales, support and service through 7,000 locations. 40,000,000 Americans count on us for the latest technology in entertainment, communications, education, business and security.

**NOBODY COMPARES**

**1992 CATALOG**  
NO. 472 • INDEX PAGE 96



**A Great Name in Electronics  
Is Now Available at Radio Shack®**

# MEMOREX™

## Video Products



Keeping our commitment to providing the very best in consumer electronics, Radio Shack proudly brings you a line of innovative Memorex™ video components. VCRs. Camcorders. An all-new satellite receiver. TVs. And a 13" color TV/VCR combo. Each component gives you the exceptional performance millions have learned to expect from the Memorex label. And each one meets our quality standards—probably the toughest in the consumer electronics industry. Come in and see the Memorex difference!



**MEMOREX**  
Is It Live Or Is It Memorex?<sup>SM</sup>



**Other Nationally Advertised and Nationally Recognized Brands  
Famous for Quality, Value and Reliability Are Available at Radio Shack**

**OPTIMUS**® Engineered, manufactured and tested to bring you a masterful blend of technology, reliability and distinctive, elegant appearance. Always choose Optimus audio equipment for premium performance and the tightest quality standards in consumer electronics.

**TANDY**® We design and build Tandy computers to exacting standards to give you innovative features and remarkable ease of use—an unbeatable combination. And, we back our computers with total service and support. That's why Tandy computers are the best-selling PC compatibles made in America.

**REALISTIC**® Introduced in 1956, our Realistic brand is a USA sales leader in CB and scanners, and is also a popular choice for car stereo, speakers, portable radios, portable cassette players and a wide range of accessories. Our exclusive Weatheradio® receivers also carry the Realistic name.

**DUOFONE**® DUOFONE telephones and answerers deliver the features you need, with built-in extras for high reliability under demanding use. DUOFONE equipment covers every need, from inexpensive cordless phones for the home to multiline business systems.

**ARCHER**® Archer is No. 1 in USA sales of TV, FM and CB antennas, and is also a favorite choice for audio and video signal enhancers, plus electricals, tools, parts and hardware. The choice of "do-it yourselfers", Archer is an outstanding price/performance combination.

**MICRONTA**® You'll find the Micronta name on a variety of products designed with you in mind—everything from clocks, watches and timers to personal electronics for health care, home, school and office. Micronta electronics are made for life.

**ENERCELL**® Rated the best by respected experts. ENERCELL batteries give you long life at a low price. They use the best materials and are tested before shipping. We sell well over 100 million ENERCELL batteries each year, so they're always fresh when you buy them. Why pay more for other brands?

**SAFE HOUSE**® Look to SAFE HOUSE for sophisticated home protection at a reasonable price. A complete line of easy-to-install control panels, motion sensors, door/window contacts, smoke alarms, message dialers and more let you design a custom system to best fit your home.

**Chronomatic**® Chronomatic clock radios keep you on time with their exclusive Battery Backup/Battery Sentinel® system—even when AC power fails, Chronomatic keeps on working. The system auto-tests the backup battery daily. And each model gives you precise timekeeping and good radio reception.

**MOBILE ALERT**® A car is stolen every 22 seconds—protect yours with Mobile Alert. A broad array of systems gives you advanced, do-it-yourself protection at affordable prices. Mobile Alert can help pay for itself with the discount many insurance companies offer for cars equipped with security systems.

# CREATING NEW STANDARDS<sup>SM</sup>

It takes more than desire to be number one—it takes resources, people and commitment. The following eight standards express our determination to put you first.

**CONTINUING INNOVATION**—We're creating new standards in digital recording, multi-media technology and home computing—**NOBODY COMPARES**

**PROVEN LEADERSHIP**—7,000 USA store locations, 39,000 employees, seven research & development centers, and 31 USA and overseas manufacturing plants—**NOBODY COMPARES**

**RELIABLE QUALITY**—More than 1,500 engineers and technicians develop, evaluate and test to our exacting standards—**NOBODY COMPARES**

**ELECTRONICS SPECIALIZATION**—From our latest, highest technology computer to our newest long-life battery, we are and have been America's electronics specialist since 1921—**NOBODY COMPARES**

**EXPERIENCED SALES TEAM**—Knowledgeable and friendly to help you make the smartest buying decisions—**NOBODY COMPARES**

**PROMPT SERVICE**—7,000 drop-off points nationwide ensure dependable service to your satisfaction. Over 1,000,000 parts stocked. We service what we sell—**NOBODY COMPARES**

**PRODUCT EXCLUSIVITY**—Over 15,000 electronics products preselected for ease of use, reliability and value—**NOBODY COMPARES**

**GUARANTEED SATISFACTION**—Over 40,000,000 customers benefit annually from our Satisfaction Guarantee. Putting you first has made us #1 in consumer electronics—**NOBODY COMPARES**



## Protect Your Investment in Valuable Equipment With Our Low-Cost Tandy Service Plans

Radio Shack's commitment to service includes affordable Tandy Service Plans that greatly extend the normal product warranty period.

Convenient and easy to start, plans are available for most products sold through Radio Shack stores. See page 97 for more information.

## Unsurpassed Service and Support for Home and Business Computing

Radio Shack offers leasing, network planning and system installation, plus training programs to help you. We can answer your inquiries by phone or

online via PC-Link. Each Radio Shack District Office has qualified systems engineers to help. Contact your nearby Radio Shack store for more information.

## Our Commitment to Education



Since 1979, our Education Division has supported Tandy/Radio Shack computers in the classroom. Our SchoolMate<sup>®</sup> network solution links PC compatibles throughout a classroom, department or school, and comes with built-in productivity tools for the teacher. We also offer the best curriculum solutions for your school—all from today's leading educational publishers.

## EIA, UL and FCC Information

Membership in the **Electronic Industries Association** helps us bring you the finest products available. Our AC-operated products are **Listed by Nationally Recognized Testing Laboratories**, which means they meet electrical safety standards set by Underwriters Laboratories. Tandy computers meet **FCC Requirements** for home or commercial environments. Our telephones, all radio transceivers and applicable video equipment also meet **FCC Requirements**.

## Radio Shack ValuePlus<sup>®</sup> Credit



**No Annual Fee To Pay** Our ValuePlus consumer revolving credit program gives you your own personal line of

credit at Radio Shack. Budget your purchases with monthly payments or pay your balance in full at any time and avoid finance charges for the current billing cycle. Actual payments may vary depending upon account balance. Details are available at Radio Shack stores or participating Radio Shack Authorized Dealers.

## ValuePlus Monthly Payment Schedule

New Balance	Minimum Payment
\$ 0.01 to 15.00	Balance
15.01 to 400.00	\$15.00
400.01 to 600.00	\$20.00
600.01 to 800.00	\$25.00
800.01 to 1000.00	\$30.00

Minimum payments on balances over \$1000 are 1/33 of the highest New Balance, rounded to the next higher dollar.

## Most Locations Also Welcome These Cards



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Prices shown are cash prices and subject to change without notice. Prices apply to participating stores in the USA, except Alaska, but may vary from store to store. **Trademark Notice:** Marks in this catalog followed by ®, ™, or ® are owned or used by, and identify products manufactured by or for, Tandy Corporation. Other brand names identify products manufactured by or for vendors whose marks appear on the products or product packaging. Absence of a ® in connection with marks of vendors does not indicate an absence of registration of those marks. Memorex is a registered trademark of Memorex Corporation licensed to Tandy Corporation.

# MEMOREX™ FULL-SIZE VHS CAMCORDERS

**MEMOREX**  
Is It Live Or Is It Memorex?™



With Hardcase, Battery,  
AC Adapter/Charger,  
A/V Output Cable  
And RF Converter

## 8x Power Zoom, 2-Lux Low-Light Sensitivity

- Built-In Color Character Generator for Adding Custom Titles

**NEW!** Memorex MovieCorder® Model 103. Enjoy point-and-shoot convenience plus special creative features. You get auto focus, color and exposure, 8-1 power zoom lens with macro-focus, variable high-speed shutter and excellent low-light resolution. Flying erase head lets you shoot and edit "seamlessly". You also get an audio/video auto-fader, mike mixing to combine audio sources on tape, time-lapse, one-shot recording, positive/negative image and self-timer. Real-time tape counter, time/date stamp, index recording/playback, edit search, instant review, high-speed visual search, still-frame. A/V input. HQ. (TSP available)

16-804 ..... Low As \$25 Per Month **\$799**

Lens: f1.4, 6.2-49.6mm zoom with macro. Shutter speeds: 1/120, 1/250, 1/1000, 1/2000. Tape speed: SP. Size: 9 x 4 7/8 x 14 1/2". Weight: 5.1 lbs.



With Softcase, Battery,  
AC Adapter/Charger,  
A/V In/Output Cable,  
RF Converter & Cable

## Ultraslim Design, 12x Power Zoom, 1 Lux

- 1-Touch Auto Focus, Color, Exposure & Shutter Speed

**NEW!** Memorex MovieCorder Model 127. A pleasure to carry and use. One-touch full auto system makes shooting simple, and 12-1 variable-speed continuous zoom lens with macro gets you close! You get a high-speed shutter variable to 1/10000 second and 1-lux super low-light resolution in gain-up mode. Flying erase head ensures glitch-free cuts. You also get insert editing, auto-fader, time-lapse and self-timer, plus digital tape counter, time/date stamp, index recording/playback, instant review, high-speed visual search and still-frame. A/V input. HQ. (TSP available)

16-827 ..... Low As \$30 Per Month **\$999**

Lens: f1.8, 6.5-78mm zoom with macro. Shutter speeds: 1/100, 1/500, 1/2000, 1/10,000. Tape speed: SP. Size: 7 1/8 x 3 1/8 x 13 1/8". Weight: 3.8 lbs.

## Add to Your Videomaking Enjoyment With Performance-Boosting Accessories



### Deluxe Hardcase For Camcorders

- Extra Protection

Foam padding, adjustable dividers, lock. Exterior 13 x 18 1/4 x 6 3/4". 16-2003, 79.95



### Accessory Softcase

- Shock Absorbent

**NEW!** Side pockets, carry straps. Weather resistant. 16-2011 ... 49.95



### 15-Watt Video Light

- Delivers 20 Minutes Of Bright Halogen Light Per Charge

Rechargeable Ni-Cd battery pack, UL listed AC charger. Weighs 10 oz. 16-2010 ... 79.95



### FM Wireless Mike

- Up to 200-Ft. Range

For "up-close" audio from a distance. Receiver plugs into mike jack. Requires 2 9V batteries.

32-1226 ..... 69.95



### "Super Unidirectional" Microphone

- For Superior Audio

Dramatically improves sound, even in noisy environments. Has "tele/normal" switch for better long/close-range audio.

16-2008 ..... 69.95



### Accessory Dual Mount

- Holds Both Light and Microphone at Once

Allows use of two camcorder accessories from one accessory shoe. Easy to attach and remove.

16-2007 ..... 4.95

# 8mm CAMCORDERS—EASY TO TAKE ALONG



With Softcase, Battery, AC Adapter/Charger, A/V In/Output Cable And RF Converter

## 8x Power Zoom, Infrared Remote Control

■ Hi-Fidelity Monaural Recording for Sensational Sound  
**NEW!** Memorex MovieCorder Model 153. Enjoy 8mm portability plus convenient wireless remote control. The remote duplicates all tape-motion controls on camcorder—even recording. Auto focus, color and exposure make great-looking videos a snap. You can even add titles with the 5-color character generator. Has a flying erase head, real-time tape counter, time/date stamp, edit search, instant review, high-speed visual search and still-frame. 3 lux. A/V input/output. Auto tracking control. (TSP available)

16-854 ..... Low As \$30 Per Month **\$899**

Lens: f1.6, 8.5-68mm zoom with macro. Shutter speed: 1/1000. Tape speed: SP. Size: 6 x 4<sup>1</sup>/<sub>2</sub> x 11<sup>1</sup>/<sub>2</sub>". Weight: 2.5 lbs.



With Shoulder Strap, Rechargeable Battery, AC Adapter/Charger And RF Converter

## Binocular Style With "Fuzzy Logic"

■ 8x Power Zoom Lens With Macro ■ HI-Fi Monaural Sound  
**NEW!** Memorex MovieCorder Model 154. A breakthrough in design and technology. Binocular styling makes shooting almost *intuitive*—if you've used a camera, you'll be making great videos in no time. Fuzzy logic controls respond to changing conditions much like the human eye, auto-adjusting focus, color and exposure quickly and precisely. You get a flying erase head, built-in 8-color character generator, real-time tape counter, time/date stamp, edit search, high-speed visual search and still-frame. A/V input. Auto tracking control. (TSP available) 16-854 ..... Low As \$25 Per Month **\$799**

Lens: f1.8, 7-56mm zoom with macro. Shutter speeds: 1/100, 1/1000. Tape speed: SP. Size: 2<sup>1</sup>/<sub>2</sub> x 6<sup>1</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>4</sub>". Weight: 1.8 lbs.

## Great Performances Need Never Stop With These Camcorder Accessories



### Cleaner/Care Kit

■ For Lens & Exterior

Blower brush, cleaning fluid, nine cotton swabs, tissue, chamois cloth. 16-2004 ..... 4.95



### 12-Volt 2.3 Ampere Hour Battery

■ Fits Many Brands

Fits popular VHS camcorders, replaces Tandy® CT-1033 cellular phone battery. 23-187 ... 39.95  
 UL Listed AC Charger. (CMC) 17-610 ... 54.95



### Rechargeable Batteries

(1) VHS. Fits MovieCorder Model 100 and others. 12V, 1500mAh. 23-183 ..... 39.95  
 (2) 8mm. Fits MovieCorder Model 152 and others. 6V, 1500mAh. 23-184 ..... 19.95



### Extra-Capacity Battery

■ Longer Lasting

Fits VHS MovieCorder Models 101/125, other brands. 9.6V, 1500mAh. 23-186 ..... 39.95



### Lightweight Fluid-Head Camcorder Tripod

■ Adjustable Tilt And Pan Tension  
 ■ Geared Column

Weighs just 4<sup>1</sup>/<sub>4</sub> lbs., yet it's super sturdy to give movies a steady, professional look. Two-way fluid head. 61" extended, 24" collapsed. 16-2009 ..... 89.95

# IS IT LIVE...OR IS IT MEMOREX?™ —NEW VCRs



## Four-Head, Double-Azimuth for Improved Video Quality, Plus VHS Hi-Fi Stereo

- Four-Head, Double-Azimuth Mid-Mount Design for Superior Video and Special-Effects Performance

**NEW!** Memorex™ Model 100. Four heads plus VHS Hi-Fi stereo, broadcast stereo-TV, "mid-mount" design for improved video, auto-tracking. Instructive on-screen display plus on-screen time, channel, functions and tape counter. Index search and auto FF/rewind for fast access to selections, automatic play/rewind/eject, 179-channel cable-compatible tuner with auto-storage, QTR, 1-year/8-event daily/weekly timer, HQ.  $3\frac{1}{2} \times 14\frac{15}{16} \times 12\frac{5}{8}$ ". Remote requires 2 "AA" batts. **499<sup>95</sup>** (TSP avail.) 16-618, Low As \$20 Per Month



## Four-Head, Double-Azimuth and VHS HI-FI

- Index Go-To Search and Blank-Search Give You Fast Access to Precise Locations on Your Tapes

**NEW!** Memorex Model 49. Superior 4-head video quality plus VHS Hi-Fi stereo and stereo-TV reception. Blank search quickly takes you to the end of a recording. Index go-to search advances tape to the place you specify. Has auto power-on, playback and rewind, 179-channel cable-compatible tuner with auto channel storage, 1-year/6-event daily/weekly timer with on-screen display, fast-response commands, quick-timer.  $3\frac{3}{4} \times 16\frac{1}{2} \times 14\frac{1}{8}$ ". Remote requires 2 "AAA" batts. **449<sup>95</sup>** (TSP avail.) 16-619, Low As \$20 Per Month



## VHS HI-FI Stereo and Auto Head Cleaning

- Auto Head Cleaning for Optimum Quality on Every Play—And Virtually Maintenance-Free Operation

**NEW!** Memorex Model 50. Start enjoying the Hi-Fi stereo soundtrack on prerecorded tapes plus broadcast stereo TV. Blank search quickly takes you to the end of a recording. Has automatic power-on, playback and rewind, 179-channel cable-compatible tuner with auto channel storage, 1-year/6-event daily/weekly timer with on-screen display for easy programming. Quick-timer recording, fast response to tape commands.  $3\frac{3}{8} \times 14\frac{1}{4} \times 13\frac{3}{8}$ ". Remote requires 2 "AAA" batts. **399<sup>95</sup>** (TSP avail.) 16-620, Low As \$15 Per Month



## Auto-Cleaning Four-Head, Double-Azimuth

- Auto Head Cleaning for Virtually Maintenance-Free Operation and Optimum Quality on Every Playback

**NEW!** Memorex Model 88. Outstanding value from our Movie Shack™. Features four heads to give you much clearer freeze, slow-motion and search viewing. Index go-to search and blank search help you find selections fast. Auto power-on, playback and rewind, 179-channel cable-compatible tuner with auto channel storage, 1-year/6-event daily/weekly timer with on-screen display, quick-timer recording.  $3\frac{3}{8} \times 14\frac{1}{4} \times 13\frac{3}{8}$ ". Remote requires 2 "AAA" batteries. (TSP available) **359<sup>95</sup>** 16-526 ..... Low As \$15 Per Month

# ALL WITH EASY ON-SCREEN PROGRAMMING



## Four-Head, Double-Azimuth, Blank Search, Automatic Head Cleaning and Auto-Tracking

- Superior Freeze, Slow Motion and Search Viewing

**NEW!** Memorex Model 87. Today's most-wanted video feature—four heads—plus the extra convenience of automatic tracking. And, with automatic power-on, play, rewind and power-off, viewing is easy for anyone. Blank search takes you to the end of recordings automatically. Has 179-channel cable-compatible tuner with auto channel storage, 1-year/6-event daily/weekly timer, on-screen display, quick-timer.  $3\frac{3}{8} \times 14\frac{1}{4} \times 13\frac{3}{8}$ ". Remote requires 2 "AAA" batteries. (TSP available) 16-525 .. Low As \$15 Per Month **319<sup>95</sup>**



## Four-Head, Double-Azimuth With Auto-Play

- Easy to Use—Just Insert a Tape for Fully Automatic Power-On, Playback, Rewind and Power-Off

**NEW!** Memorex Model 85. Four-head, double-azimuth design for clearer video effects, plus faster response to tape commands. The 153-channel cable-compatible tuner stores all active stations with the touch of a button. The on-screen display makes it easy to program the 1-year/6-event timer for automatic recording. Quick-timer lets you start a timed recording instantly or within a 24-hour period.  $3\frac{3}{8} \times 14\frac{1}{8} \times 13\frac{3}{8}$ ". Remote requires 2 "AAA" batteries. (TSP available) 16-523 ..... Low As \$15 Per Month **319<sup>95</sup>**



## Four-Head, Double-Azimuth With Titler

- Camcorder Friendly! Has Front-Panel A/V Inputs and You Can Add Titles to Your Tape Copies by Remote

**NEW!** Memorex Model 86. Incredibly clear special effects viewing plus simple operation. Just insert a tape for fully automatic power-on, play, rewind and power-off. Has a 1-year/8-event daily/weekly timer with on-screen display, 179-channel cable-compatible tuner, comb filter and HQ system for superior video, handy quick-timer recording. The 40-key remote control has tracking control and titling functions.  $3\frac{1}{4} \times 14\frac{15}{16} \times 13$ ". Remote requires 2 "AA" batteries. (TSP available). 16-524 ..... Low As \$15 Per Month **299<sup>95</sup>**



## Two-Head With Remote On-Screen Display

- Fast Response to Remote-Control Tape Commands
- Auto-Play System ■ Tuner Auto-Memory Storage

**NEW!** Memorex Model 29. Fully automatic power-on, playback, rewind and power off—just pop in a tape and the player does the rest. Gives you easy on-screen programming, plus fast-response system to make scanning easier. Has quick-timer to let you begin a timed recording instantly, plus 1-year/8-event daily/weekly timer. The 153-channel cable-compatible tuner automatically stores all active stations.  $3\frac{3}{8} \times 14\frac{3}{16} \times 12\frac{7}{8}$ ". Remote requires 2 "AA" batteries. (TSP available) 16-517 ..... Low As \$15 Per Month **279<sup>95</sup>**

# EXTRA-VERSATILE VIDEO PERFORMERS



## Compact, Easy-to-Use Video Player for Home, Car, Camper or Boat

- Carry Room-to-Room ■ Take It Along When You Travel
- Connects to Any TV With Included Cord ■ Auto-Play

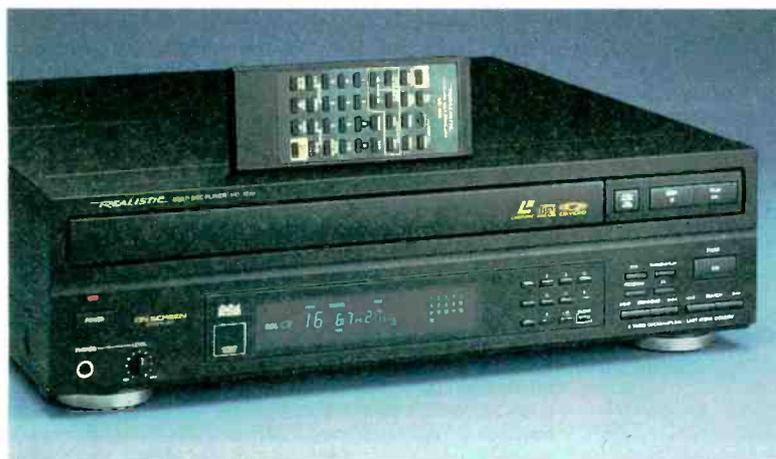
**Realistic® Model 12.** Now you can enjoy your favorite VHS tapes in any room, in your car, RV or boat. This compact player is ideal for bedroom, office, dorm and travel. The included DC power cord has two outputs so you can connect a DC-powered TV, too. What's more, it's incredibly easy to use. Just insert a tape for fully automatic play, rewind and shutoff. Or, touch a button for continuous automatic rewind and replay.

- A/V Output for Direct Hookup to a TV Monitor or VCR
- Includes AC Cord and Dual-Output DC Power Cord

Features include soft-touch controls, power "on" indicator, automatic speed selection, visual search and freeze functions. Connects to any standard TV set in seconds with included RF output cord. Also has A/V outputs for direct hookup to a TV monitor or VCR. 4<sup>7</sup>/<sub>8</sub> x 11<sup>3</sup>/<sub>8</sub> x 13<sup>3</sup>/<sub>8</sub>". UL listed AC or 12VDC neg. gnd. (TSP available)

16-405 ..... Low As \$15 Per Month

**199<sup>95</sup>**



## Combination CD/Laser Video Disc Player

- 60% Clearer Picture Than Tape Plus Stunning Digital Stereo
- Plays 12" and 8" Video Discs, Standard and 3" CDs, 5" CDVs
- Wireless Remote ■ Headphone Jack With Volume Control

**Realistic MD-1000 MultiDisc Player.** Experience theater quality in your own home tonight. You'll enjoy razor sharp pictures rich in color and detail, plus sensational sound tracks from a huge library of movies, music videos and other programming available on laser video discs. And, you'll hear the same spectacular sound on compact discs you get from a CD-only player. You get automatic play and instant response to commands. Memory-stop restarts a video where you stopped it—even if you turned off the player in between. Has 20-track/chapter programming with on-screen display, intro scan to preview selections, random play to shuffle tracks, auto edit to simplify CD-to-tape dubbing, and still-frame. 4x oversampling. RF and A/V outputs for easy hookup to TV or monitor. 4<sup>3</sup>/<sub>4</sub> x 16<sup>7</sup>/<sub>8</sub> x 15<sup>1</sup>/<sub>2</sub>". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available)

16-302 ..... Low As \$20 Per Month

**499<sup>95</sup>**

# MEMOREX™ 13" COLOR TV/VCR COMBO



22-Key Wireless Remote Control



## Compact, All-in-One Design... Perfect for Bedroom, Dorm or Office

- Wireless Remote Control of Major TV & Tape Functions
- Automatic Play ■ End-of-Tape Auto-Stop, Rewind, Eject

- Auto-Repeat Button for Replaying Tapes Automatically
- Cable-Compatible 155-Channel Tuner ■ Auto-Storage

**NEW!** Memorex Model 14. Perfect for the home and it's also ideal for video presentations to small groups in businesses, churches, service organizations and clubs. Easy to use—just insert a standard VHS tape for automatic play, stop, rewind and eject. The 22-key remote controls all major TV/VCR functions, including quick-timer to start a timed recording of up to eight hours at the touch of a button. Features 3-speed recording and

playback, forward/reverse visual search for finding scenes on tape quickly and still/pause control. TV/STD/HRC switch for compatibility with all cable systems, LED channel/function display, 3" speaker plus 1/8" earphone jack for private listening. 75-ohm "F" connector. A/V input jacks. With indoor antennas. 14 1/4 x 14 1/2 x 15 3/4". UL listed AC. Remote requires 2 "AA" batteries. (TSP available) **499<sup>95</sup>**  
16-406 ..... Low As \$20 Per Month

# YOU'LL SEE THE QUALITY IN OUR COLOR TVs



## 20" Stereo TV/Monitor With Remote

**Realistic® TC-1003.** This super-set is loaded with everything for total A/V enjoyment: 155-channel cable-compatible tuner, high-contrast flat/square screen, comb filter for improved picture, stereo-TV decoder with SAP, stereo amplifier, external-speaker terminals, A/V in/out jacks, and 1/8" stereo headphone jack. You also get remote on-screen display of channel/clock/timer, on/off and sleep timers, 27-key remote and last-channel flashback. With detachable VHF and UHF antennas. 18<sup>3</sup>/<sub>4</sub> x 24<sup>3</sup>/<sub>4</sub> x 18<sup>1</sup>/<sub>4</sub>". UL listed AC. Remote requires 2 "AA" batteries.

16-253 ..... Low As \$15 Per Month

**399<sup>95</sup>**



## 19" With Remote On-Screen Display

**Realistic TC-1012.** Full-function remote and OSD put you in command, making all the sophisticated features a snap to use. Enjoy the full reaches of the 155-channel cable-compatible tuner, turn TV on or off, set the on/off or sleep timers, adjust or mute volume, scan or tune channels directly, flashback to previous channel, and store or remove stations in scan memory. High-contrast/high-resolution screen for best possible picture quality. Has earphone jack for private listening, includes detachable antennas. 18<sup>1</sup>/<sub>4</sub> x 18<sup>7</sup>/<sub>8</sub> x 17<sup>3</sup>/<sub>4</sub>". UL listed AC. Remote requires 2 "AA" batteries.

16-262 ..... Low As \$15 Per Month

**319<sup>95</sup>**



## 13" TV/Monitor With Remote, OSD and Timer

**Memorex™ TC-193.** Features last-channel flashback, 122-channel tuner, direct audio and video inputs. Detachable antennas. 12<sup>3</sup>/<sub>4</sub> x 14<sup>1</sup>/<sub>4</sub> x 14<sup>3</sup>/<sub>4</sub>". UL listed AC. Remote requires 2 "AA" batteries.

16-229 ..... Low As \$15 Per Month

**249<sup>95</sup>**



## 9" Portable TV/Monitor Plays on AC or Car DC

**NEW!** Memorex. Handle, 12VDC cord, jacks for earphone, ext. antenna. 13<sup>13</sup>/<sub>16</sub> x 10 x 10<sup>5</sup>/<sub>8</sub>". UL listed AC, 12VDC neg. gnd.

16-244 ..... Low As \$15 Per Month

**299<sup>95</sup>**



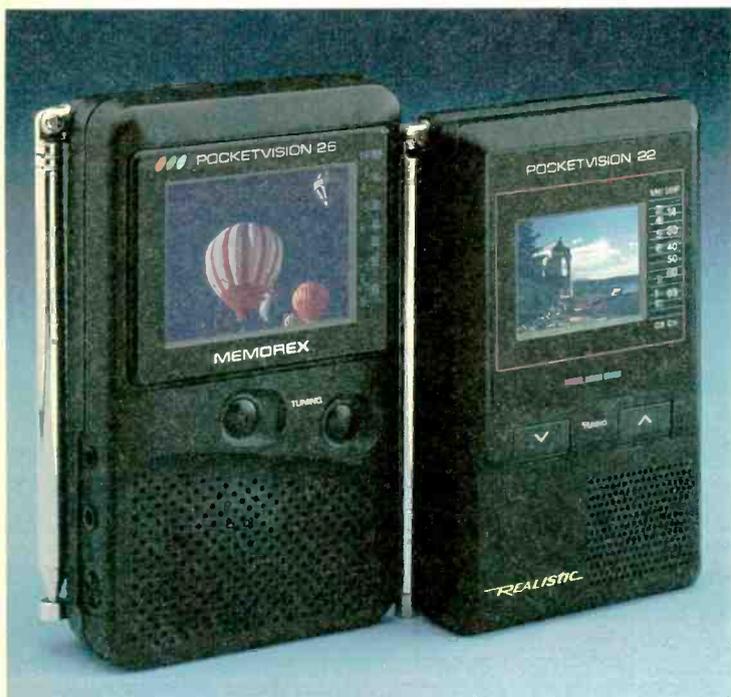
## 5" TV/Monitor Plays on AC, Battery or Car DC

**Realistic.** Carry handle, jacks for AV input, ext. antenna, earphone. 6<sup>9</sup>/<sub>16</sub> x 7 x 10<sup>5</sup>/<sub>8</sub>". UL listed AC adapter (or 10 "D" batteries or 12VDC cord, extra).

16-108 ..... Low As \$15 Per Month

**319<sup>95</sup>**

# TV ENJOYMENT FOR HOME OR ON THE GO



## Pocket-Size LCD Color TVs With Digital Tuning

**NEW!** Memorex™ 2.7" Pocket-Vision-26. Crisp LCD picture and lock-on tuning with auto-search. A/V inputs make it a great, go-anywhere mini-monitor for camcorder or VCR. Jacks for adding earphone and external antenna. A/V input cable available on special order through CMC. 5 1/2" x 3 7/16" x 1 7/16". Requires 4 "AA" batteries (or AC or DC adapter, extra).

**219<sup>95</sup>**

16-163 ..... Low As \$15 Per Month  
AC Adapter. For 16-163 and 16-159. UL listed. 273-1655

Realistic 2" PocketVision®-22 TV. Digital tuning locks in stations to let you keep up with news, sports and shows anywhere you go. LCD screen displays a clear picture, and you get up/down auto-search tuning. Telescoping antenna, plus jacks for adding earphone and external antenna. With carry case. 5 1/8" x 3 1/4" x 1 1/4". Requires 4 "AA" batteries (or AC or DC adapter, extra).

**149<sup>95</sup>**

16-159 ..... Low As \$15 Per Month  
16-155 ..... Low As \$15 Per Month



## 3 1/2" B&W TV With Adjusta-Tilt Stand

■ Display Tilts to Give You Best Viewing Angle

**NEW!** Memorex. Great table. Removable battery pack and built-in Ni-Cd charging circuit. Carry case. 4 3/4" x 4 1/8" x 5 3/8". UL listed AC adapter (or 6 "C" batteries or DC adapter, extra).

**99<sup>95</sup>**

16-122, Low As \$15 Per Month



## 5" B&W TV for Your Home or Vehicle

Memorex. Perfect for counter-top, under a cabinet, or in van, boat or RV—plays on home AC or on vehicle DC with included cord. Mounts under cabinet with swivel bracket, slips out for portable use. Has telescoping antenna, plus jacks for adding earphone and external antenna. Only 5 x 6 3/4 x 7 1/2". UL listed AC or 12VDC neg. gnd. 16-121

**79<sup>95</sup>**



## 7" B&W TV With Built-In AM/FM Radio

Memorex. All-around TV/radio entertainment! Plays on AC, vehicle DC or batteries for viewing or listening anywhere. Built-in Ni-Cd battery charging circuit. Telescoping antenna, jacks for adding earphone, ext. antenna. 7 1/4" x 7 1/4" x 9". UL listed AC adapter, 12VDC neg. gnd. (or 10 "D" batteries, extra).

**139<sup>95</sup>**

16-243 ..... Low As \$15 Per Month



## 5" B&W TV With Built-In AM/FM Radio

Memorex PortaVision®-6 TV. Three-way power—use AC, vehicle DC or batteries. Swivel mounting bracket, sun visor, earphone. Built-in Ni-Cd charging circuit. Telescoping antenna, plus jack for adding external antenna. 6 x 6 1/2 x 8 3/8". UL listed AC adapter, 12 VDC neg. gnd. (or 10 "D" batteries, extra).

**99<sup>95</sup>**

16-120 ..... Low As \$15 Per Month



## 4 1/2" B&W TV With AM/FM Stereo Cassette

Memorex. "Everything" portable with dual 4" speakers, stereo headphone jack and auto-level audio recording. Monaural mike jack. 6 1/4" x 17 3/4" x 5 3/4". UL listed AC (or 8 "D" batteries or DC adapter, extra). 16-119 ..... Low As \$15 Per Month

**159<sup>95</sup>**

# THE BEST! OPTIMUS® AUDIO COMPONENTS

## OPTIMUS...LIVE IN CONCERT!™

Optimus Audio Components and our high-performance Optimus speakers are the culmination of our 70-year tradition of electronics excellence. Every Optimus component combines the latest in technology and features to give you truly outstanding sound.

The Optimus Brand utilizes superior components and design. Each is backed by the tightest quality-control program in the consumer electronics industry. For ease of operation, superlative performance and enduring value, Optimus is the obvious choice.



MAIN AMPLIFIER: 100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD  
SURROUND AMPLIFIER: 25 WATTS TOTAL, MINIMUM RMS INTO 8 OHMS AT 1 kHz, WITH NO MORE THAN 0.5% THD

## Our Finest Receiver! Dolby Surround, Hall Mode, Plus Audio and Video Dubbing

**Optimus STAV-3200.** This is our masterwork! You get the features to control a complete home entertainment system and the power to drive the finest speakers. A full array of inputs lets you connect a CD player, turntable, two cassette decks, and two video sources. True Dolby Surround™ decoder and built-in rear channel amplifier give you "movie theatre" thrills from thousands of laser video discs, stereo video tapes, even many TV stereocasts. And the Hall mode simulates the depth and realism of a concert hall from nearly any nonencoded stereo source. Full-function remote controls all major functions—and the motorized volume control gives you continuous, not incremental, adjustments without the distortion introduced by some remote

volume systems. You get 30 AM/FM memory presets, search and scan tuning, and an output meter for each channel. All this plus high and subsonic filters, video and two-way audio dubbing, FM muting, two switched and one unswitched AC convenience outlets and separate terminals for surround speakers. UL listed AC. Remote requires 2 "AA" batteries. (TSP avail.)  
**31-3020 . . . . . Low As \$20 Per Month** **499<sup>95</sup>**

**SPECIFICATIONS. AMPLIFIER.** Response: 20-20,000 Hz ± 1 dB. S/N: 85 dB phono, 95 dB aux. Capture Ratio: 2.5 dB. **FM TUNER.** Sensitivity (IHF): 1.7µV (9.8 dBf). S/N: 72 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. Size: 4½ x 17¼ x 13¾".

## Save! Buy a Complete Home Audio Component System From Radio Shack

Select the Components of Your Choice and get an audio system that's perfect for your needs and budget. A minimum system consists of a stereo receiver or amplifier, a pair of speaker systems, and a CD player, turntable, cassette deck or equalizer.

The Discount is 10% Off our regular current catalog price of each item. You can include sale-priced audio components, but sale prices cannot be further discounted. The discount applies to our 14, 31, 40 and 42-series audio components only. Select your system now!

# OPTIMUS 100-WATT STEREO RECEIVERS



## Digital Tuning, 30 Presets A/V Dubbing and Surround

- Alphanumeric LCD Display ■ Remote
- 5-Segment LCD Signal-Strength Meter
- Dual 7-Step LED Output Power Meters

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm$  1 dB. S/N: 85 dB phono, 95 dB aux. **FM TUNER.** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dBf). S/N: 72 dB. Capture Ratio: 2.5 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. **SIZE:** 4 $\frac{1}{2}$  x 17 $\frac{1}{4}$  x 13 $\frac{3}{4}$ "

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD  
**Optimus STAV-3100.** A real powerhouse! Select any of 30 preset stations, scan stations in search mode, tune manually or by remote. Controls for dual-tape dubbing and monitoring, plus video dubbing. Matrix surround circuit for the added ambiance of surround sound from any program source. LED volume-muting indicator. Inputs: magnetic turntable, CD/aux, two tape decks, two video sources. Video monitor output. Remote requires 2 "AA" batteries. (TSP available) 31-3017 ..... **Low As \$20 Per Month**

**449<sup>95</sup>**



## Digital Tuning, 24 Presets Audio and Video Dubbing

- Stores 16 FM and Eight AM Stations
- Audio Tape Control Center for 2-Way Dubbing and 2-Deck Monitoring
- Two-VCR Video Dubbing Control

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm$  1 dB. S/N: 85 dB phono, 95 dB aux. **FM TUNER.** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dBf). S/N: 72 dB. Capture Ratio: 2.5 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. **SIZE:** 4 $\frac{1}{2}$  x 17 $\frac{1}{4}$  x 13 $\frac{3}{4}$ "

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD  
**Optimus STAV-3000.** Perfect partner for your audio/video system. Loudness, hi-blend and FM mono/mute controls, subsonic and hi filters. With matrix surround, you can enjoy the surround-sound effect from any program source—just add rear speakers. Also has dual 7-step output power meters and rotary bass, midrange and treble controls. Inputs: CD/aux, magnetic phono, two audio tape decks and two video sources. Video monitor output. (TSP available) 31-3008 ..... **Low As \$15 Per Month**

**399<sup>95</sup>**



## Digital Tuning, 24 Presets Easy-to-Read LCD Display

- Memory Stores 16 FM and Eight AM Stations for One-Touch Instant Recall
- Feather-Touch Up/Down Tuning Controls
- Dual 5-Step LED Power Meters

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm$  1 dB. S/N: 82 dB phono, 95 dB aux. **FM TUNER.** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dBf). S/N: 73 dB. Capture Ratio: 2 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. **SIZE:** 4 $\frac{1}{2}$  x 17 $\frac{1}{4}$  x 13 $\frac{1}{2}$ "

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% THD  
**NEW!** **Optimus STA-2170.** Packed with power and convenience. Convenient feather-touch tuning and one-touch memory storage. Multifunction LCD display. Matrix surround gives you surround-sound effect from any source—just add rear speakers. Loudness, FM mono/mute and tape monitor controls, rotary bass and treble controls. Inputs: CD/aux, magnetic phono, tape, video sound source. (TSP available) 31-3013 ..... **Low As \$15 Per Month**

**339<sup>95</sup>**

# OPTIMUS... LIVE IN CONCERT!



50 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% THD AMPLIFIER. Response: 40-20,000 Hz  $\pm$  1 dB. S/N: 68 dB phono, 76 dB aux. FM TUNER. Sensitivity (IHF): 2.5  $\mu$ V (10.1 dBf). S/N: 65 dB. Capture Ratio: 2.0 dB. IF Rejection: 77 dB. Stereo Harmonic Distortion: 0.3% Channel Separation (at 1 kHz): 40 dB. SIZE: 4 1/2 x 16 1/2 x 10".

## Digital-Tuning Stereo Receiver With 18 Memory Presets

- Affordable Price and Ample 50 Watts Per Channel Make It a Great Choice for Home Audio

**NEW!** Optimus® STA-795. Drift-free digital tuner locks on stations, has search mode and feather-touch controls. Memory stores 12 FM and six AM stations. Features separate bass and treble controls, plus FM muting to silence noise between stations. Has loudness and tape monitor controls, 5-step LED power meter. Inputs: CD/aux, magnetic phono, tape deck, video sound source. (TSP available)  
31-2101 . . . . Low As \$15 Per Month

**199<sup>95</sup>**



Available Sept. 30, 1991

15 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% THD AMPLIFIER. Response: 40-20,000 Hz  $\pm$  1 dB. S/N: 66 dB phono, 76 dB aux. FM TUNER. Sensitivity (IHF): 2.3  $\mu$ V (10.1 dBf). S/N: 64 dB. Capture Ratio: 2.0 dB. IF Rejection: 80 dB. Stereo Harmonic Distortion: 0.4% Channel Separation (at 1 kHz): 33 dB. SIZE: 3 x 12 x 10".

## Compact-Sized Digital-Tuning AM/FM Stereo Receiver

- Memory Stores 12 FM and Six AM Stations for Instant Recall Anytime

**NEW!** Optimus STA-300. Drift-free digital tuner has search mode and feather-touch tuning controls, and lets you store your favorite stations in memory with a single touch. Features multifunction LCD display, separate bass and treble controls, loudness control. Inputs: CD/aux, magnetic phono, tape deck. (TSP available)  
31-1991 . . . . Low As \$15 Per Month

**139<sup>95</sup>**



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

AMPLIFIER. Response: 40-20,000 Hz  $\pm$  1.5 dB. S/N: 70 dB phono, 72 dB aux. FM TUNER. Sensitivity (IHF): 7  $\mu$ V (22.1 dBf). S/N: 60 dB. Channel Separation (at 1 kHz): 35 dB. SIZE: 2 3/4 x 10 1/4 x 7 1/4".

## Our Smallest, Lowest Priced AM/FM Stereo Receiver

- Magnetic Phono and Aux Jacks, Plus CD/Tape Input for Portable CD Player or Cassette

Optimus STA-20. Delivers excellent sound and is ideal for dorm, office or reception area. Add turntable and cassette player or connect your portable stereo. Special EQ circuit provides uniform energy output at all frequencies for rich, full sound even from mini-speakers. Loudness control. Was \$129.95 in 1991 Catalog. (TSP available)  
31-1979 . . Low As \$15 Per Month

**NEW LOW PRICE!**  
**99<sup>95</sup>**



## 10-Band Equalizer With Expander

- 90-LED Spectrum Display Lets You See the Adjustments You Make to the Sound

**NEW!** Optimus EQ with IMX™ Stereo Expander lets you hear sound from between, even beyond your speakers for more "Live In Concert" effect! Has 20 narrow-band controls for precise sound-shaping, bypass button, tape control center and EQ/record button. 3 1/4 x 16 1/2 x 9 1/8". (TSP available)  
31-2025, Low As \$15 Per Month

**119<sup>95</sup>**

# TURNTABLES & MINI STEREO COMPONENTS



## Automatic Belt-Drive Turntable

- Automatic Record-Size Selection ■ Auto Arm Return/Shutoff
- Belt Drive ■ Audio-Technica Dual-Magnet Cartridge

Optimus LAB-460. Features front-panel soft-touch controls, plus damped tonearm cueing. Has 33 $\frac{1}{3}$  or 45 RPM selector and anti-static mat. With 45-rpm adapter. Rumble: -55 dB. Wow and Flutter: 0.1%. 3 $\frac{1}{2}$  x 13 $\frac{3}{4}$  x 13 $\frac{3}{8}$ " UL listed AC. (TSP available) 42-2920 ..... Low As \$15 Per Month

**119<sup>95</sup>**

## Semi-Automatic With Belt Drive

- Switchable Preamp to Match Any Audio Input
- Audio-Technica Dual-Magnet Cartridge

Realistic® LAB-340. Stereo preamp matches ceramic phono, aux and tape inputs. Straight-line tonearm, auto arm return/shutoff. 33 $\frac{1}{3}$  or 45 RPM selector, anti-static mat. 45-RPM adapter. Rumble: -55 dB. Wow and Flutter: 0.15%. 4 $\frac{3}{8}$  x 13 $\frac{3}{4}$  x 13 $\frac{3}{4}$ " UL listed AC. (TSP avail.) 42-2919 .. Low As \$15 Per Month

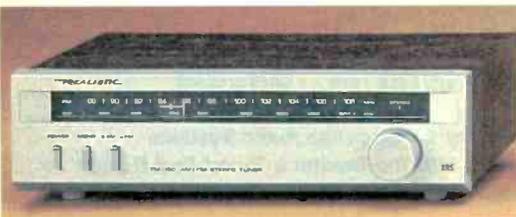
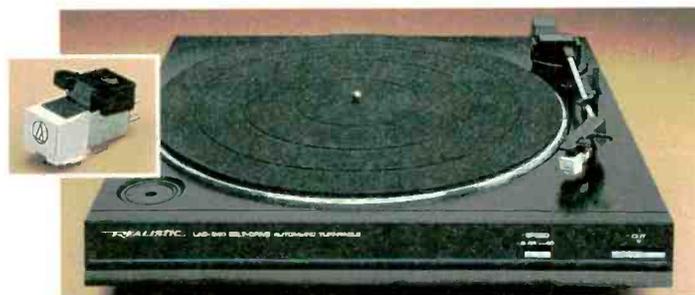
**99<sup>95</sup>**

## Microprocessor-Controlled Turntable

- Linear-Tracking Straight-Line Tonearm Plays Your Records the Way They Were Cut for Superior Sound and Longer Record Life
- Fully Automatic ■ Programmable Repeat ■ Belt-Drive Mechanism
- Includes Audio-Technica Dual-Magnet Cartridge

Optimus LAB-2250. Highest quality from our premium brand. A micro-processor keeps the stylus precisely angled for cleaner sound and longer record life. Tracks at less than 1 $\frac{1}{2}$  grams. Features automatic start and shutoff, plus repeat-play to return tonearm to beginning of side in play. The brushless DC servomotor keeps speed precise to reduce wow. Belt drive absorbs vibration. Has LED repeat-play and record-speed indicators. Power-failure protection. With 45-RPM adapter. Rumble: -55 dB. Wow and Flutter: 0.1%. 3 $\frac{3}{4}$  x 14 $\frac{1}{4}$  x 13 $\frac{3}{4}$ " UL listed AC. (TSP available) 42-2921 ..... Low As \$15 Per Month

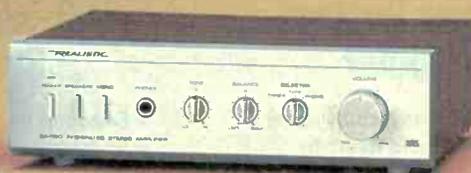
**149<sup>95</sup>**



## AM/FM Stereo Mini Tuner

Realistic TM-150. PLL circuitry and exclusive Auto-Magic® FM tuning ensure best possible reception. Stereo/mono button, FM stereo LED. Built-in antennas, terminals for external FM antenna. 2 $\frac{1}{2}$  x 9 x 6". UL listed AC. (TSP available) 31-1956

**59<sup>95</sup>**



## Matching Stereo Mini Amplifier

Realistic SA-150. Use with mini-tuner at left or other stereo components. Magnetic/ceramic phono input for use with all turntables, plus stereo/mono button, tone control and  $\frac{1}{4}$ " headphone jack. 2 $\frac{1}{2}$  x 9 x 6". UL listed AC. (TSP available) 31-1955

**59<sup>95</sup>**



## Stereo Micro-Amplifier

Realistic SA-10. Space-saver is ideal for background music. Inputs for a record player with ceramic cartridge plus tuner or tape deck. Stereo/mono button, left/right volume controls, tone control. 3 $\frac{1}{4}$  x 8 x 5 $\frac{1}{2}$ ". UL listed AC. 31-1982

**29<sup>95</sup>**

TURNTABLES INCLUDE FACTORY-INSTALLED CARTRIDGE, BASE AND DUST COVER

# OPTIMUS... LIVE IN CONCERT!™



## Our Best 3-Way Speaker System With Massive 15" Woofer

- Incredible Response—Pumps Out Bass You Can Actually Feel
- Horn Midrange and Tweeter for Superb Depth and Realism
- Advanced High-Efficiency Tuned-Port Enclosure Design

**NEW!** Optimus Mach Three™. Awesome speaker delivers superb concert-like sound with deep, solid bass! Ideal for use with today's digital audio systems. Midrange and tweeter horns are ferrofluid cooled to increase power handling capacity and have variable level controls to adjust output. Removable cloth grille. Furniture-grade oiled walnut finish. 40-4039, Low As \$15 Per Month **EACH 299<sup>95</sup>**

Response: 30-20,000 Hz. Power Handling Capacity: 160 watts. Sensitivity: 93 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 30 x 17<sup>3</sup>/<sub>4</sub> x 13".

16

## 3-Way Bass-Reflex Speaker System With 15" Woofer

- Ready to Handle Today's Digital-Age Audio Systems
- 5" Midrange Driver ■ 3" Cone Tweeter ■ Tuned-Port Design
- Handsome Styling With Furniture-Grade Oiled Walnut Finish

Optimus®-1050. Incredible sound without the high price! Efficient bass-reflex design coupled with a massive 15" woofer for rich, solid bass response. Add a midrange engineered for smooth, natural sound, plus a cone tweeter for crisp, clean highs and you have a speaker system with qualities usually found only in much higher priced systems. Removable cloth grille. 40-1131 ..... Low As \$15 Per Month **EACH 199<sup>95</sup>**

Response: 55-20,000 Hz. Power Handling Capacity: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 29<sup>3</sup>/<sub>4</sub> x 17<sup>3</sup>/<sub>4</sub> x 12".

APPLY FOR RADIO SHACK VALUEPLUS® REVOLVING CREDIT AND INCREASE YOUR BUYING POWER—SEE PAGE 3

# HIGH-PERFORMANCE SPEAKER SYSTEMS



## Our Best 2-Way Speaker With 15" Woofer

- Powerful Long-Throw Woofer Delivers Solid Bass Response
- Wide-Dispersion Piezo Horn Tweeter

**Optimus-990.** A solid performer! Huge high-compliance woofer and bass-reflex design team up to deliver deep bass with a powerful punch. Wide dispersion piezo horn tweeter brings out detailed highs. Genuine oiled walnut veneer. Removable cloth grille. **EACH 169<sup>95</sup>**  
40-1125 . . . Low As \$15 Per Month

**Response:** 50-20,000 Hz. **Power Handling Capacity:** 100 watts. **Sensitivity:** 90 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 23<sup>1</sup>/<sub>4</sub> x 19<sup>1</sup>/<sub>2</sub> x 11<sup>1</sup>/<sub>4</sub>".

## 3-Way Speaker With Long-Throw 12" Woofer

- Outstanding Sound Reproduction
- Tuned-Port Enclosure ■ 5" Midrange
- 3" Cone Tweeter for Crisp, Clear Highs

**Optimus-950.** Enjoy good looks and great sound! High-compliance woofer combined with bass-reflex design for solid bass. Dynamic mid-range delivers clear, lifelike tones. Digital-ready. Genuine oiled walnut veneer. Removable cloth grille. **EACH 169<sup>95</sup>**  
40-1122 . . . Low As \$15 Per Month

**Response:** 50-20,000 Hz. **Power Capacity:** 100 watts. **Sensitivity:** 90 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 30<sup>1</sup>/<sub>4</sub> x 14<sup>1</sup>/<sub>4</sub> x 11<sup>1</sup>/<sub>4</sub>".

## Value-Priced 3-Way Speaker With 10" Woofer

- Advanced Tuned-Port Enclosure Design
- 5" Dynamic Midrange for Smooth Tones
- Wide-Dispersion Piezo Horn Tweeter

**NEW!** **Optimus-660.** Bass-reflex design and efficient long-throw woofer work in concert for accurate bass response. Horn tweeter delivers crystal-clear highs. Genuine oiled walnut veneer. Has a removable cloth grille. Spring terminals. **EACH 119<sup>95</sup>**  
40-1102 . . . Low As \$15 Per Month

**Response:** 55-20,000 Hz. **Power Capacity:** 100 watts. **Sensitivity:** 90 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 25<sup>1</sup>/<sub>2</sub> x 12<sup>1</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>4</sub>".

**5-YEAR LIMITED WARRANTY INCLUDED.** Realistic MC series, Nova, Minimus-7/77/26/21/0.3/2.5, Optimus and Mach Three 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 in your sales slip as proof of purchase date to your Radio Shack store.* Warranty does not 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.

**POWER RATING INFORMATION.** The figures stated with 40-series speaker systems 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 source material.

# NATIONWIDE SUPERMARKET OF SOUND®



## High-Power Capacity! A Great 2-Way System

- 10" Long-Throw Woofer for Solid Bass
- 3" Tweeter With Ferrofluid Cooling

**Realistic Nova®-18.** Digital-ready bass-reflex design. Tweeter is liquid-cooled for low distortion. Walnut veneer. Removable cloth grille. Response: 65-20,000 Hz. Power handling capacity: 100 watts. 22<sup>5</sup>/<sub>8</sub> × 12<sup>3</sup>/<sub>16</sub> × 8<sup>1</sup>/<sub>8</sub>". **EACH 99<sup>95</sup>**  
40-4037 . . . . Low As \$15 Per Month



## Bass-Reflex 2-Way System For Floor or a Larger Shelf

- 8" High-Compliance Long-Throw Woofer
- 2<sup>1</sup>/<sub>2</sub>" Wide-Dispersion Dynamic Tweeter

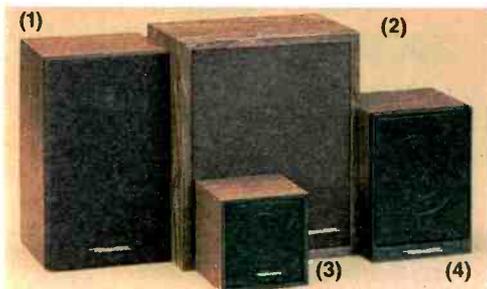
**Realistic® Nova-16.** Versatile size, sensational sound, low price. Wide-dispersion tweeter for superior imaging. Walnut veneer. Removable cloth grille. Response: 65-20,000 Hz. Power handling capacity: 60 watts. 18<sup>1</sup>/<sub>2</sub> × 10<sup>1</sup>/<sub>4</sub> × 7<sup>1</sup>/<sub>2</sub>". **EACH 79<sup>95</sup>**  
40-4036



## Compact Performer! 2-Way Acoustic Suspension System

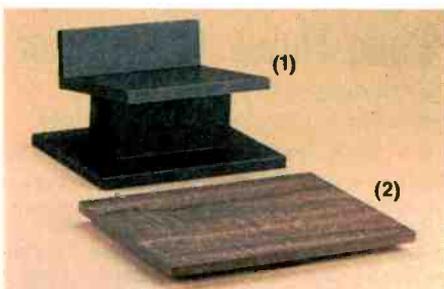
- 5" Long-Throw Woofer ■ 2<sup>1</sup>/<sub>2</sub>" Tweeter
- Excellent Bass Response in a Small Size

**Realistic Minimus®-26.** Sealed-enclosure system gives you outstanding performance and it fits nearly anywhere. Walnut vinyl finish. Removable cloth grille. Response: 90-20,000 Hz. Power handling capacity: 40 watts. 11 × 6<sup>3</sup>/<sub>4</sub> × 4<sup>3</sup>/<sub>8</sub>". **EACH 34<sup>95</sup>**  
40-226



## Walnut-Vinyl Extensions

- (1) **NEW!** Minimus-21. Full-range 4" driver. 10 watts. 9<sup>3</sup>/<sub>8</sub> × 5<sup>5</sup>/<sub>8</sub> × 4<sup>3</sup>/<sub>4</sub>". 40-228 . . . **Each 24.95**  
 (2) Minimus-3. Full-range 5" driver. 7 watts. 10 × 8<sup>1</sup>/<sub>2</sub> × 5<sup>1</sup>/<sub>2</sub>". 40-913 . . . . . **Each 15.95**  
 (3) Minimus-0.3. Cube speaker with 3" driver. 7 watts. 4 × 4 × 3<sup>3</sup>/<sub>8</sub>". 40-1250 . . . . **Each 14.95**  
 (4) Minimus-2.5. Shielded, OK to use near TV. 4" driver. 10W. 6<sup>5</sup>/<sub>8</sub> × 4<sup>7</sup>/<sub>8</sub> × 4<sup>1</sup>/<sub>8</sub>". 40-1999, **Each 19.95**

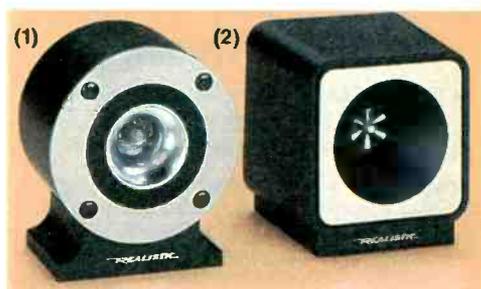


## Angled Speaker Stands

- (1) Improve sound and imaging by elevating and properly angling speakers. Extra-sturdy. 7<sup>1</sup>/<sub>2</sub> × 13<sup>1</sup>/<sub>16</sub> × 10<sup>1</sup>/<sub>8</sub>". 40-1266 . . . . . **Pair 34.95**  
 (2) For speakers, TV, plants, anything you want to rotate. Steel bearings. For most carpeted floors. 1<sup>1</sup>/<sub>8</sub> × 15<sup>3</sup>/<sub>4</sub> × 11<sup>3</sup>/<sub>4</sub>". 42-3033, **Each 9.95**

## Versatile Swivel Stand

- (1) Improve sound and imaging by elevating and properly angling speakers. Extra-sturdy. 7<sup>1</sup>/<sub>2</sub> × 13<sup>1</sup>/<sub>16</sub> × 10<sup>1</sup>/<sub>8</sub>". 40-1266 . . . . . **Pair 34.95**  
 (2) For speakers, TV, plants, anything you want to rotate. Steel bearings. For most carpeted floors. 1<sup>1</sup>/<sub>8</sub> × 15<sup>3</sup>/<sub>4</sub> × 11<sup>3</sup>/<sub>4</sub>". 42-3033, **Each 9.95**



## Realistic® Super-Tweeters

Now you can easily add extra high-frequency brilliance and improved stereo imaging to almost any speaker system. Easy 2-wire hookup.

- (1) **Dynamic.** Extends response to 40,000 Hz. Built-in crossover. Power handling capacity: 50 watts. 3<sup>7</sup>/<sub>8</sub>" diameter. 40-1310 . . . **Each 24.95**  
 (2) **Piezo.** Extends response to 27,000 Hz. 75 watts. 3<sup>1</sup>/<sub>2</sub>" square. 40-1380 . . . . **Each 12.95**

# HOW TO PUT BIG SOUND IN SMALL PLACES

## 12" Subwoofer Pumps Out Bass You Can Actually Feel

**NEW!** (1) **Realistic® 12" Subwoofer.** Enjoy thunderous bass, even in a room too small for large speakers. Perfect match with our Minimus-7 and 77 and other smaller speakers that can't deliver bass with a solid "punch" you can actually feel. Long-throw 12" driver with dual voice coils, built-in crossover, push terminals for input from receiver and for connecting satellite speakers. Response: 35-200 Hz. Capacity: 100 watts, total. Walnut veneer. **139<sup>95</sup>**  
 12<sup>5</sup>/<sub>8</sub> x 18<sup>1</sup>/<sub>8</sub> x 15<sup>3</sup>/<sub>4</sub>".  
 40-4050 ..... Low As \$15 Per Month

## Our Ever-Popular 2-Way, Die-Cast Mini Speaker

(2) **Realistic Minimus-7.** Don't be fooled by size. Only 7<sup>1</sup>/<sub>16</sub>" high, yet delivers great sound. Has a 4" long-throw woofer and 1" soft-dome tweeter. Super for surround sound. All-metal enclosure has hanger slot for wall-mounting. Response: 120-20,000 Hz. **EACH 49<sup>95</sup>**  
 Power handling capacity: 40 watts. 7<sup>1</sup>/<sub>16</sub> x 4<sup>7</sup>/<sub>16</sub> x 4<sup>5</sup>/<sub>16</sub>". **Black, 40-2030. White, 40-2045**  
 Mounting Brackets. 40-2031 ..... Pair 17.95

## 2-Way Mini-7 in Genuine Walnut Finish

(3) **Realistic Minimus-7W.** The amazing sound of Fig. 2, but with genuine walnut veneer. Compact size and matching finish make this the perfect satellite speaker for our subwoofer, above. Enjoy top-flight sound with a system that fits anywhere. Great for mini systems and surround sound, too. Removable grille. 8 x 5 x 4<sup>5</sup>/<sub>8</sub>". **EACH 59<sup>95</sup>**  
 40-2039

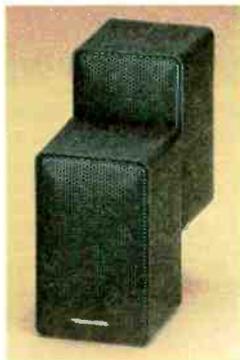
## Deluxe 2-Way Die-Cast Mini Speaker

(4) **Realistic Minimus-77.** Incredible performance for its small size—you get deep bass and crisp, detailed highs. Combines a 5" long-throw woofer and soft-dome, wide-dispersion tweeter. Just right for a bookshelf at home or office as well as vehicle use. Also makes a great monitor speaker for singing groups. Keyhole slot and recessed terminals for easy wall-mounting. Response: 50-20,000 Hz. Power handling capacity: 55 watts. 9<sup>1</sup>/<sub>4</sub> x 5<sup>15</sup>/<sub>16</sub> x 4<sup>3</sup>/<sub>8</sub>". **EACH 79<sup>95</sup>**  
**White, 40-2055. Black, 40-2054**  
 Mounting Brackets. For mounting Minimus-77s on walls or in vehicles. 40-2053 ..... Pair 19.95

## Mini Size for Auto or Home

- Excellent Sound at a Small Size and Price

**Realistic Minimus-3.5.** High-density molded enclosure helps extend bass. Steel grille, 3" driver. Power capacity: 15 watts. **EACH 23<sup>95</sup>**  
 5<sup>1</sup>/<sub>4</sub> x 3<sup>5</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>8</sub>".  
 40-1996



## Personal Speaker

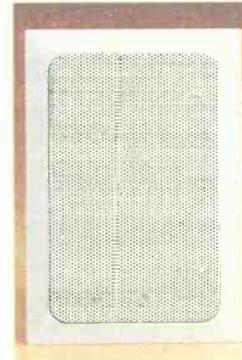
Share your music! Plugs into the 1/8" headphone jack of most personal stereo cassette and CD players. **9<sup>95</sup>**  
 40-155



## In-Wall 2-Way Speaker System

- Flush-Mounts in Wall or Ceiling—Saves Space

Attractive 2-way speaker with a 5<sup>1</sup>/<sub>4</sub>" woofer and 1" soft-dome tweeter. 60-20,000 Hz response. Capacity: 30 watts. With mounting bracket. **EACH 49<sup>95</sup>**  
 11<sup>1</sup>/<sub>8</sub> x 7<sup>5</sup>/<sub>8</sub> x 2<sup>1</sup>/<sub>2</sub>".  
 40-1365



# OPTIMUS® HIGH-SPEED DUBBING DECKS



## Dolby HX Pro, Dual Auto-Reverse

**NEW!** Optimus® SCT-37. Dolby HX Pro records more signal to greatly improve sound—and it's not an encoding system, so you can enjoy its results on decks without HX Pro. You also get Dolby B-C NR. High-speed synchro-dubbing and dual auto-reverse let you copy both sides of a tape with one touch. Auto-sets tape bias and EQ, has quick-reverse, record level meter and continuous play. Jacks for 1/4" mikes and headphone. **14-659 . . . Low As \$15 Per Month 279<sup>95</sup>**

Response:  $\pm 3$  dB: 40-16,000 Hz (metal), 40-15,000 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 40-14,000 Hz (normal/Type I). Wow and Flutter: 0.06% WRMS. S/N: 78 dB Dolby C; 53 dB Dolby B out ("A" weighted, metal tape). Record/Play Distortion: 1%. Size: 4 1/2 x 17 x 10".



## Dual Auto-Reverse, Dolby™ B-C

**NEW!** Optimus SCT-36. Dual auto-reverse and high-speed synchro-dubbing copy both sides of a tape with just a touch. Auto tape selector automatically chooses bias and equalization for best sound from any type of tape. Dolby B-C greatly improves sound. Features 2-tape continuous play, plus LED record level and peak level meters. Jacks for 1/4" mikes and headphone. **14-658 . . . Low As \$15 Per Month 229<sup>95</sup>**

Response:  $\pm 3$  dB: 60-16,000 Hz (metal), 60-15,000 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 60-14,000 Hz (normal/Type I). Wow and Flutter: 0.18% WRMS. S/N: 70 dB Dolby C; 60 dB Dolby B; 50 dB Dolby out ("A" weighted, metal tape). Record/Play Distortion: 1.2%. Size: 4 3/4 x 17 x 8 3/4".



## Soft-Touch Controls Plus Dolby B-C NR

- High-Speed Synchro-Dubbing Copies Tapes in Half the Normal Time
- Dolby C Improves Noise Reduction 10 Times Over Dolby B

Optimus SCT-74. Soft-touch controls—a light touch is all it takes! Play-only deck 1 delivers superb stereo sound. Deck 2 is a recorder/player with optimum recording features. Features metal/CrO<sub>2</sub>/normal tape bias selectors, auto-stop, 3-digit tape counter and pause. Record level controls and LED record level meter. Jacks for 1/4" mikes and headphone. Response:  $\pm 3$  dB: 60-14,000 Hz (metal), 60-12,500 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 60-10,000 Hz (normal/Type I). Wow and Flutter: 0.12% WRMS. S/N: 70 dB Dolby C; 62 dB Dolby B (ref. 3% distortion, "A" weighted, metal tape). Record/Play Distortion: 1.0%. 3rd HD. Size: 4 1/2 x 16 3/4 x 8 1/4". **14-649, Low As \$15 Per Month 179<sup>95</sup>**



## High-Speed Dubbing With Dolby B NR

- Dolby B NR Cuts Tape Hiss to Greatly Improve Sound
- Continuous Mode Auto-Plays Two Tapes in Sequence

Optimus SCT-87. Start your high-speed dubbing with the touch of just one button, and copy personal tapes in half the normal time. Gives you end-of-tape auto-stop, metal/CrO<sub>2</sub>/normal bias selectors, record level controls and 10-step record level meter, plus power/record/high-speed dubbing LEDs. Jacks for 1/4" mikes and headphone. Response:  $\pm 3$  dB: 60-14,000 Hz (metal), 60-13,000 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 60-12,500 Hz (normal/Type I). Wow and Flutter: 0.12% WRMS. S/N: 64 dB Dolby on (ref. 3.0% distortion, "A" weighted, metal tape). Record/Play Distortion: 1.5%. Size: 4 3/4 x 16 1/2 x 7 7/8". **14-655 . . . Low As \$15 Per Month 149<sup>95</sup>**

# WE'RE NUMBER 1 IN CASSETTE RECORDERS



## HX Pro, Dual Quick-Reverse

**Optimus® SCT-89.** Our finest! Double auto-reverse lets you copy both tape sides at high or normal speed with one touch of the synchro-start control. Continuous mode plays two tapes nonstop. Record/play deck 2 has Dolby HX Pro. Playback deck 1 has Dolby B-C noise reduction. Both decks have 2-motor transport for most precise speed operation. Auto tape selector, record mute, level meter, blank scan. Jacks for 1/4" mikes and headphone. **299<sup>95</sup>**  
**14-657 ... Low As \$15 Per Month**

Response: ± 3 dB: 30-17,000 Hz (metal/Type IV), 30-15,000 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 30-15,000 Hz (Normal/Type I). Wow and Flutter: 0.06% WRMS. S/N: 79 dB Dolby C, 69 dB Dolby B ("A" weighted, metal). Record/Play Distortion: 1.0%. Size: 5x17 1/2 x 10 1/2".



## HX Pro, Quick Auto-Reverse

**Optimus SCT-88.** Auto-reverse deck is ideal for recording from digital sources. Dolby HX Pro greatly improves sound by recording more signal without distortion. Has Dolby B-C noise reduction, too. Fast 0.3-second auto-reverse, continuous playback mode, full-logic controls for smooth operation, cue/review audible search, auto bias and fine-tuning control. Jacks for 1/4" mikes and headphone. **199<sup>95</sup>**  
**14-656 ... Low As \$15 Per Month**

Response: ± 3 dB: 20-18,000 Hz (metal), 20-17,000 Hz (CrO<sub>2</sub>/Hi-Bias/Type II), 20-16,000 Hz (Normal/Type I). Wow and Flutter: 0.065% WRMS. S/N: 78 dB Dolby C; 65 dB Dolby B ("A" weighted, metal). Record/Play Distortion: 1.0%. Size: 5x17 x 9 1/4".



## Auto-Reverse Play Deck

- Great for Background Music, Music-on-Hold Or Just Uninterrupted Enjoyment

**Realistic® SCP-32.** A deluxe stereo cassette player that's perfect for tight spaces! Playback-only deck has auto-reverse to let you hear both sides of tapes in sequence without interruption, plus Dolby B noise reduction to cut tape noise and greatly improve sound. Metal-CrO<sub>2</sub>/normal tape selector for best possible sound, auto-stop to protect your tapes, pause control. 4 5/8 x 8 1/4 x 5 3/4". **99<sup>95</sup>**  
**14-600 ... Low As \$15 Per Month**



## Low-Cost Playback Deck

- Provides Quality Cassette Stereo at a Price Anyone Can Afford

**Realistic SCP-31.** Inexpensive way to add cassette listening to any existing stereo system with aux or tape-in jacks. Great for office, dorm, bedroom—anywhere space is limited. Full auto-stop protects your tapes and the player's mechanism. Has metal-CrO<sub>2</sub>/normal tape selector for best possible sound from any type of cassette. Pause control. Just plug in with included patch cord. 4 5/8 x 8 1/4 x 5 3/4". **49<sup>95</sup>**  
**14-647**

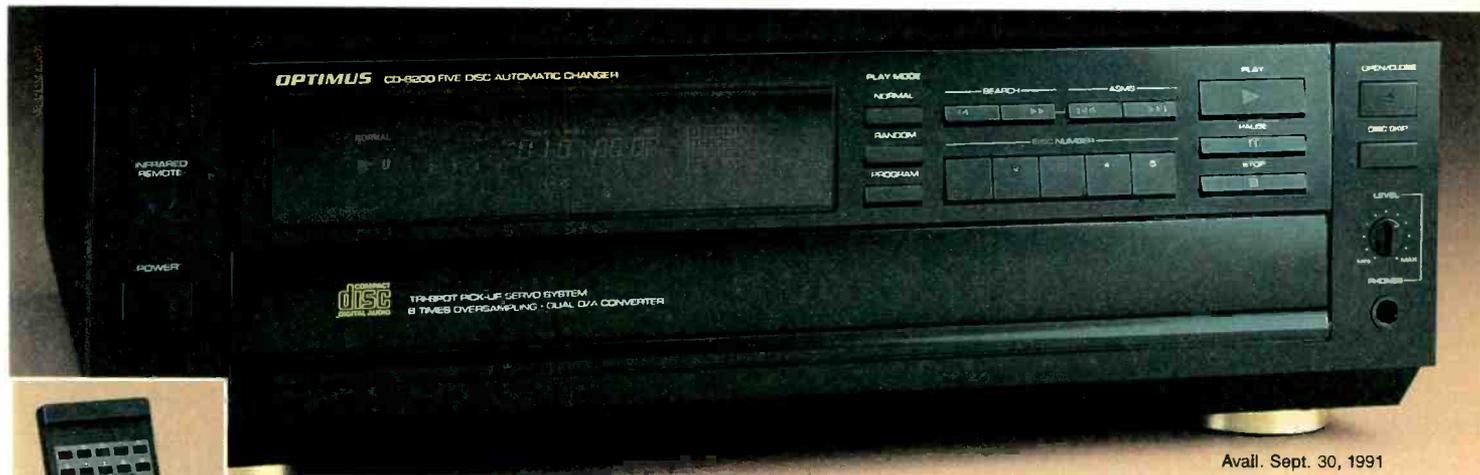


## Record/Play Compact

- Low-Cost Way to Add a Full-Featured Deck to Any Stereo System

**Realistic SCT-86.** Extra-feature cassette deck in a space-saving size. Dolby B NR reduces tape noise and greatly improves sound. Features full auto-stop to protect your tapes and player's mechanism, plus dual record-level controls and LED record-level meters. Has metal-CrO<sub>2</sub>/normal tape bias selector for best sound, pause and tape counter. Line-level in/out and left/right mike jacks. 4 5/8 x 9 x 5 11/16". **89<sup>95</sup>**  
**14-654**

# OPTIMUS® REMOTE-CONTROL CD CHANGERS



Avail. Sept. 30, 1991

## Drawer-Style Carousel Changer With 8-Times Oversampling and Dual 18-Bit D/A Converters

**NEW!** Optimus CD-5200. Our finest! You'll love the automatic 5-disc convenience, and you'll get digital sound so pure you won't believe your ears. Program up to 32 tracks in any order, or let random play shuffle selections from all discs for variety. Gives you 5-way repeat, intro scan to "preview" tracks, disc skip and auto search. Auto-space for dubbing. 1/4" headphone jack with volume control. 3" CD-compatible. Remote requires 2 "AA" batteries. 42-5023 ... Low As \$15 Per Month

**249<sup>95</sup>**

- Enjoy an Entire Evening of Uninterrupted Music
- Random Play ■ 32-Track Programmable Memory
- Repeat a Track, a Disc, All Five Discs, Your Memory Program or Part of a Disc

Frequency Response: 20-20,000 Hz  $\pm$  0.5 dB. Signal-to-Noise Ratio: 105 dB. Dynamic Range: 98 dB. Harmonic Distortion: 0.008% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 8 times. Signal Processing Rate: 352.8 kHz. Size: 5 1/4 x 17 x 14 1/2".



## Top-Loading Carousel Changer With 4-Times Oversampling and Dual 16-Bit D/A Converters

**NEW!** Optimus CD-6120. Convenient top-loading changer keeps disc labels visible, and you can add or remove discs without interrupting playback. Play discs in sequence, up to 32 tracks in any order or use random play for a different concert every time. You can repeat a track, disc, all discs or your programmed selections, and intro-scan gives you a 10-second "preview" of each track. 3" CD-compatible. Remote requires 2 "AA" batteries. 42-5022 ... Low As \$15 Per Month

**239<sup>95</sup>**

- Hours of Pure, Uninterrupted Digital Audio
- Random Play ■ 32-Track Programmable Memory
- Intro Scan "Previews" Selections ■ Disc Skip
- Four-Way Repeat Play ■ Holds Five Discs

Frequency Response: 20-20,000 Hz  $\pm$  1/-2.0 dB. Signal-to-Noise Ratio: 105 dB. Dynamic Range: 95 dB. Harmonic Distortion: 0.04% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 4 times. Signal Processing Rate: 176.4 kHz. Size: 4 3/4 x 14 1/4 x 14".

# OPTIMUS... LIVE IN CONCERT™

## Audio Excellence! Full-Size Single-Disc CD Player

- 8-Times Oversampling ■ Random Play
- Dual 18-Bit D/A Converters
- Music Calendar ■ 20-Track Memory

**NEW!** Optimus CD-1660. *Live in Concert!* performance at its finest—gives you sound reproduction so accurate you'll be looking for the musicians. You can program up to 20 tracks in any order, and see 16 selections on the music calendar display. Repeat a track, disc or part of a disc. Has random play, intro scan, auto-search and auto-space. 1/4" headphone jack with volume control. 3" CD-compatible. Remote requires 2 "AA" batteries.

**219<sup>95</sup>**

42-5031 ..... Low As \$15 Per Month



Available Sept. 30, 1991

Frequency Response: 20-20,000 Hz  $\pm$  0.5 dB. Signal-to-Noise Ratio: 104 dB. Dynamic Range: 97 dB. Harmonic Distortion: 0.005% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 8 times. Signal Processing Rate: 352.8 kHz. Size: 3 3/4" x 17 1/4" x 9 3/4".

## High-Performance CD Player Packed With Features

- 8-Times Oversampling ■ Random Play
- Dual 18-Bit D/A Converters ■ Auto Edit
- 32-Track Memory ■ Music Calendar

**NEW!** Optimus CD-1760. Sensational digital sound and an outstanding combination of features. Gives you 32-track memory and a 20-entry music calendar. Random play shuffles tracks for variety. Auto-edit simplifies dubbing by arranging tracks to fit your tape length. Has track/disc/memory repeat, plus auto space and auto-search. 1/4" headphone jack with volume control. 3" CD-compatible. Remote requires 2 "AAA" batteries.

**219<sup>95</sup>**

42-5030 ..... Low As \$15 Per Month



Frequency Response: 20-20,000 Hz  $\pm$  0.5 dB. Signal-to-Noise Ratio: 104 dB. Dynamic Range: 97 dB. Harmonic Distortion: 0.005% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 8 times. Signal Processing Rate: 352.8 kHz. Size: 3 1/4" x 13 3/4" x 11".

## Our Lowest Priced Player Is An Excellent Performer

- 4-Times Oversampling ■ Random Play
- Dual 16-Bit D/A Converters
- 16-Track Memory ■ Auto Space

**NEW!** Optimus CD-2460. Gives you superb digital stereo and full-featured performance. Random play shuffles tracks to give you a different concert every time. You can program up to 16 tracks in any order, and repeat a track or disc. Has auto-search and bidirectional audible search to quickly find favorite selections, auto-space for dubbing, and a 1/4" headphone jack. 3" CD-compatible. Remote requires 2 "AAA" batteries.

**199<sup>95</sup>**

42-5019 ..... Low As \$15 Per Month



Frequency Response: 20-20,000 Hz  $\pm$  0.5 dB. Signal-to-Noise Ratio: 100 dB. Dynamic Range: 96 dB. Harmonic Distortion: 0.035% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 4 times. Signal Processing Rate: 176.4 kHz. Size: 3 1/4" x 13 3/4" x 11 1/4".

# CD/CASSETTE DECK AND CD PORTABLES

## What a Combo! Optimus® CD Player With Auto-Reverse Cassette Deck

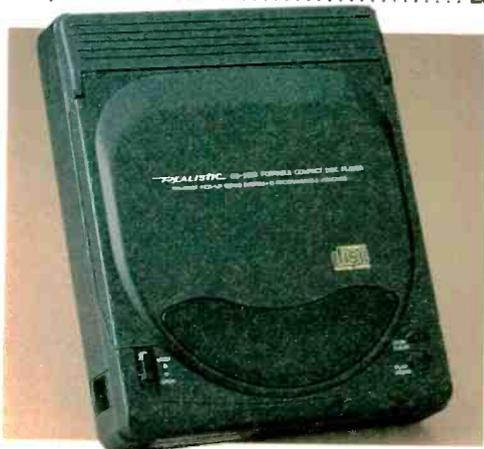
- 4x Oversampling
- Dolby™ B and HX Pro

**NEW!** Optimus SCT-50. Two outstanding high-performance Optimus stereo components in one—at one low price! CD player gives you 4x oversampling and dual 16-bit D/A converters for superb digital sound. Tape deck has Dolby B NR plus Dolby HX Pro to record more signal without distortion—you'll get outstanding results when dubbing from your CDs. Has 16-track programmable CD memory, disc/track repeat, metal-CrO<sub>2</sub>/normal bias selector and convenient one-touch CD-to-cassette synchro-dubbing. UL listed AC. (TSP available) 14-661 ..... **Low As \$15 Per Month**



**CD PLAYER.** Frequency Response: 20-20,000 Hz ± 0.5 dB. S/N: 95 dB. Dynamic Range: 95 dB. Harmonic Distortion: 0.002% at 1 kHz. Wow & Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 4 times. Signal Processing Rate: 176.4 kHz. **DECK.** Frequency Response: 40-17,000 Hz ± 3 dB metal Type IV. S/N: 69 dB Dolby in; 59 dB out. Distortion: 1.5% Wow & Flutter: 0.08%. Size: 5 x 17/8 x 10 1/4".

**299<sup>95</sup>**



## Programmable Portable CD

**Realistic® CD-3250.** Add headphones or play through home stereo with included cable. Stores 16 tracks to play in any order. Features track/disc repeat, plus auto-search to help you find selections fast. LCD display. 3" CD compatible. Ni-Cd charging circuit. Shoulder strap. Requires 6 "AA" batteries or AC or DC adapter. Was \$199.95 in 1991 Catalog. (TSP available) 42-5017 ..... **Low As \$15 Per Month**

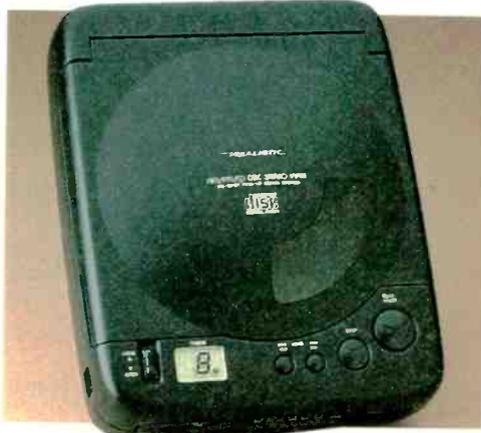
**NEW LOW PRICE!**  
**169<sup>95</sup>**

Frequency Response: 20-20,000 Hz + 0.5/-2.0 dB. S/N: 93 dB. Dynamic Range: 93 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 1 3/4 x 5 1/2 x 6 3/4".



## Our Finest Headphones For CD Portables

**Realistic PRO-25.** Titanium-layered diaphragms and special coil windings and magnets virtually eliminate distortion, deliver incredible "detail". 15-25,000 Hz. 33-1022, **39.95**



## Portable CD With AM/FM Stereo

**Realistic CD-3500.** Enjoy pure digital stereo from CDs, plus FM stereo and AM stations on the go or through your home stereo with included cable. Auto-search and bidirectional audible search help you find CD selections fast. LCD track display/LED FM-stereo indicator. 3" CD compatible. With shoulder strap. Requires 6 "AA" batteries or AC or DC adapter. (TSP available) 42-5026 ... **Low As \$15 Per Month**

**189<sup>95</sup>**

Frequency Response: 20-20,000 Hz + 0.5/-2.0 dB. S/N: 86 dB. Dynamic Range: 85 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 2 3/4 x 5 3/4 x 8 1/4".



## Share the Stereo! Amplified Speakers

**Minimus®-0.4.** 4" drivers, bass/treble boost. Uses 1/8" headphone jack. Output: 1.5W/ch. Requires 4 "C" batteries or AC or DC adapter. 40-1267 ... **Pr. 29.95**



Available  
Oct. 15,  
1991

## Remote-Control Portable CD

**NEW!** Optimus CD-3360. High performance! 8x oversampling and dual 16-bit D/A converters give you stunning digital sound purity. Wired remote control for extra convenience. Features intro-scan, bass boost, 20-track memory and track/disc repeat. With carry pouch, shoulder strap and cable for home-stereo use. Requires 2 "AA" batteries or AC or DC adapter. (TSP available) 42-5028, **Low As \$15 Per Month**

**199<sup>95</sup>**

Frequency Response: 20-20,000 Hz + 0.5/-2.0 dB. S/N: 99 dB. Dynamic Range: 95 dB. Harmonic Distortion: .05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 8 times. Signal Processing Rate: 352.8 kHz. Size: 1 3/4 x 5 1/4 x 5 1/4".



## Vehicle-Mount CD Bracket

For most portable CDs. Secure mounting at any angle. Anti-skip damping action. Universal swivel mount. Hardware included. 42-3050 ..... **24.95**

# REALISTIC® STEREO MUSIC SYSTEMS



## AM/FM Stereo Dual-Cassette Tabletop

- Dual Deck Copies Personal Tapes, Plays Two in Sequence
- Synchro-Start ■ Belt-Drive Turntable ■ Headphone Jack

**NEW!** Clarinette®-125. Budget-priced performer offers good stereo sound with easy operation—and it fits almost anywhere. Synchro-start copies personal tapes with one-touch ease. Continuous mode auto-plays two tapes in sequence, and auto-stop protects tapes. Record directly from FM stereo, AM or turntable as you listen. Two-speed turntable has hinged cover. Tone control.  $\frac{1}{4}$ " stereo headphone jack. Each speaker has a 4" driver in a  $15 \times 8 \times 5\frac{1}{4}$ " enclosure. Table unit:  $10 \times 14\frac{3}{4} \times 11\frac{3}{4}$ ". (TSP available) 13-1245 ..... **Low As \$15 Per Month 179<sup>95</sup>**



## Compact Digital-Tuning System With Remote

- High-Speed Synchro-Start Dubbing ■ Backlit LCD Tuning Display
- 3-Band Equalizer ■ Turntable ■ 12 FM and Six AM Presets

Realistic Modulaire®510. Tabletop stereo, full-size features. High-speed synchro-dubbing makes copying personal tapes easy, and auto-level ensures best results. Records from radio, turntable, even "live" if you add mikes. Tuner has up/down auto-search. Two-speed, belt-drive turntable has auto-arm return. All this plus 10-LED power meter,  $\frac{1}{4}$ " headphone and  $\frac{1}{8}$ " mike jacks, tape counter, plus terminals for an external FM antenna. Each speaker: 5" driver in  $14 \times 8 \times 5$ " enclosure. Table unit:  $11\frac{1}{2} \times 16\frac{1}{2} \times 13\frac{3}{4}$ ". Remote requires 2 "AAA" batteries. (TSP available) 13-1241 ..... **Low As \$15 Per Month 239<sup>95</sup>**



## Super Value! Dual-Cassette AM/FM Stereo Music System

- Built-In 2-Speed Semi-Automatic Turntable
- Synchro-Start for Easy Tape Dubbing
- Auto-Level for Best Recording Results

Realistic System 120. Great sound, real versatility. Synchro-start activates play and record/play decks simultaneously for convenient one-touch dubbing of personal tapes. Will play two tapes in sequence automatically. Records from radio, turntable or aux input as you listen—or add a pair of mikes to capture "live" stereo. Auto-level sets recording volume for consistent results. Auto-stop protects tapes and cassette deck mechanism. Tuner has FM-AFC to eliminate drift, FM stereo LED, extended AM-band coverage. Slide-action volume, balance, bass and treble. Turntable has belt drive for noise-free operation, hinged cover, cue lever and auto-return arm.  $\frac{1}{8}$ " jacks for headphone, two mikes. External FM antenna terminals. Each speaker: 5" driver in  $27\frac{1}{4} \times 11 \times 7\frac{1}{4}$ " enclosure. Rack:  $27\frac{1}{4} \times 15\frac{1}{2} \times 13\frac{1}{2}$ ". UL listed AC. (TSP available) 13-1240, **Low As \$15 Per Month 219<sup>95</sup>**

Recordings not included

# STEREO MUSIC SYSTEMS WITH CD PLAYER



Available Oct. 30, 1991

**Built-In CD Player**



**Remote, Digital Tuning, High-Speed Dubbing, 3-Band Slide-Action EQ and Tabletop Size**

**NEW!** Modulaire®-570. Combines a programmable CD player, digital tuner with 12 FM/six AM presets and dual-cassette in one package. CD has 15-selection memory, repeat-play, auto-search and bidirectional audible search. Cassette copies personal tapes, plays two tapes in sequence, records from FM, AM, CD, aux input or "live" by adding mikes. LCD frequency display. 1/4" stereo headphone jack. 11"-high 2-way vinyl-wrapped speakers. UL listed AC. Remote requires 2 "AAA" batteries. (TSP available)

**369<sup>95</sup>**

13-1246 ..... Low As \$15 Per Month



**Built-In CD Player**



**Remote, Digital Tuning, High-Speed Dubbing, 3-Band EQ, Turntable and Compact Design**

Modulaire-560. Fits almost anywhere! Use remote to control most functions. Programmable CD player with 16-selection memory, repeat-play, auto-search and bidirectional audible search. Digital tuner with 12 FM/six AM presets. Dual-cassette copies personal tapes in half the time, plays two tapes in sequence. Record from FM, AM, CD, turntable, aux input or "live" with optional mikes. Two-speed turntable, 1/4" stereo headphone jack. Each vinyl-wrapped 15 1/8"-high speaker has 5" driver and 1 1/2" tweeter. UL listed AC. Remote requires 2 "AAA" batteries.

**399<sup>95</sup>**

(TSP available) 13-1242 ..... Low As \$15 Per Month



Recordings not included

**Remote, Digital Tuning, High-Speed Dubbing, 5-Band EQ, Turntable and Component Rack**

Realistic® System 320. Feature-packed! Enjoy CDs, cassettes, records and radio stations—and control most major functions with the wireless remote. Programmable CD player features 20-selection memory, auto search, bidirectional audible search, repeat-play. Tuner has 20 FM/AM presets, auto-search. Synchro-dubbing dual-cassette copies personal cassettes fast, plays two tapes in sequence and records directly from FM stereo, AM, CD player, turntable, aux input or "live" if you add mikes. Two-speed turntable. Up/down pushbutton volume, slide-action EQ to "customize" sound, balance control. 1/4" stereo headphone jack. Each speaker system has a 6 1/2" driver and a 1 3/4" tweeter in handsome 33 1/8"-high enclosure with walnut vinyl finish. Easy-rolling casters. UL listed AC. Remote requires 2 "AAA" batteries. (TSP available)

**499<sup>95</sup>**

**Built-In CD Player**



# HIGH-POWER STEREO MUSIC SYSTEMS



**120 Watts, CD, Remote, Digital Tuning, High-Speed Dubbing, EQ, 15" Woofers**

**NEW!** Realistic System 1220. Our best system features a surround-sound output to give you "concert-like" realism! Use remote to select from 12 FM and six AM station presets, tune up/down manually and adjust volume/mute from your chair. CD player features 16-selection memory, repeat play, auto-search and bidirectional audible search. Synchro-dubbing dual-cassette copies personal tapes at high speed. Records from FM, AM, CD, turntable, aux input or "live" with optional mikes. Plays two tapes in sequence automatically. Has Dolby™ B NR on playback, auto-reverse. LCD display, 5-band EQ, 5-LED power meter, tape counter, 2-speed turntable. Speakers have 15" woofer, 4" midrange and 3" tweeter in a 36"-high oak-grain enclosure. Matching rack with glass door and easy-rolling casters. UL listed AC. (TSP available) **899<sup>95</sup>**  
13-1244 ..... Low As \$30 Per Month

**AMPLIFIER.** 120 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% THD. **SPEAKER SIZE:** 36 x 16<sup>1</sup>/<sub>4</sub> x 15<sup>3</sup>/<sub>4</sub>". **RACK SIZE:** 36 x 18<sup>3</sup>/<sub>4</sub> x 15<sup>3</sup>/<sub>4</sub>". **EXTERNAL CONNECTIONS:** FM antenna, aux input, 1/4" stereo headphone jack, two 1/4" mike jacks. Remote requires 2 "AA" batteries. Dolby™ Laboratories Licensing Corp.

Recordings not included



**100 Watts, Remote, Digital Tuning, EQ High-Speed Dubbing and 12" Woofers**

**NEW!** Realistic System 1020. Delivers sensational high-power stereo sound with the most-wanted features and the convenience of a wireless remote. Digital-synthesized tuner with 12 FM and six AM station presets, plus auto-search. Synchro-dubbing dual-cassette copies personal tapes in half the time, plays two tapes in sequence automatically. Record direct from FM stereo, AM, turntable, two aux inputs or "live" if you add mikes. Dolby B NR improves sound on playback. Five-band equalizer, LED power meter, tape counter. Two-speed turntable. Speakers have 12" woofer, 4" midrange and 3" tweeter in a 36"-high enclosure. Oak-grained vinyl finish. Rack with glass door, casters. UL listed AC. (TSP available) **649<sup>95</sup>**  
13-1243, Low As \$25 Per Month

**AMPLIFIER.** 100 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% THD. **SPEAKER SIZE:** 36 x 14<sup>1</sup>/<sub>4</sub> x 11<sup>1</sup>/<sub>2</sub>". **RACK SIZE:** 36 x 18<sup>3</sup>/<sub>4</sub> x 15<sup>3</sup>/<sub>4</sub>". **EXTERNAL CONNECTIONS:** FM antenna, two aux inputs, 1/4" stereo headphone jack, two 1/4" mike jacks. Remote requires 2 "AA" batteries.

Shown with optional CD player—recordings not included

# REALISTIC MEANS FULL-SIZE SOUND



## Our Best Headphones! The Ultimate in Stereo

- 40mm Titanium-Evaporated Diaphragms Deliver Ultrawide Audio Response
- Gold-Plated Plug for Top Performance

**Realistic PRO-70.** Engineered for digital audio! Titanium-evaporated technology sets new standards in extraordinarily smooth high-fidelity sound reproduction. Attenuating volume control is built into the cord for convenient listening level adjustments. Soft-cushioned earcups, padded headband. Frequency response is 15-25,000 Hz. With oxygen-free 8-ft. copper cable and 1/4" gold-plated plug. Step up to the PRO-70 for the best in headphone stereo! **33-1010**

**69<sup>95</sup>**



## Studio-Quality Stereo for Your Listening Pleasure

**(1) Realistic PRO-60.** "Acoustic resonance" design for solid bass, clear mid-range, treble. Variable-density cushions. Digital ready. 15-25,000 Hz. 10-ft. coiled cord, 1/4" plug. **33-999**

**49<sup>95</sup>**

**(2) Realistic LV-10.** Electroacoustical design and 2" dynamic elements for clear, clean sound. Foam earcushions. Digital ready. 20-20,000 Hz. 10-ft. coiled cord, 1/4" plug. **33-1004**

**39<sup>95</sup>**

**(3) Realistic Nova-66.** In-line volume control. Digital ready with mylar drivers. Has foam earcups, adjustable headband. 20-20,000 Hz. 10-ft. cord, 1/4" plug. **33-1025**

**34<sup>95</sup>**

**(4) Realistic Nova®-55.** These lightweight 'phones have low-mass drivers that deliver excellent transient response. Foam-filled earcushions. 20-20,000 Hz. With 10-ft. coiled cord, 1/4" plug. **33-2004**

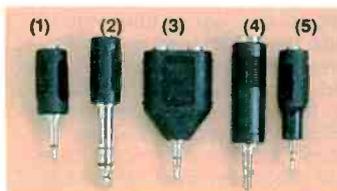
**29<sup>95</sup>**

**(5) Realistic Nova-40.** Full-range sound from tough, 3 1/2" drivers. Foam-cushioned earcups and adjustable headband for a comfortable fit. 30-18,000 Hz. 10-ft. coiled cord, 1/4" plug. **33-993**

**24<sup>95</sup>**

**(6) Realistic Nova-10.** Super sound at a super-low price! Durable 2" drivers deliver full-range sound. Comfortable padded earcups. 50-15,000 Hz response. 6 1/2-ft. cord, 1/4" plug. **33-1012**

**18<sup>95</sup>**



### Plug Adapters for Headphones

- (1) Adapts 1/8" to 3/32".** 274-373 ..... **2.99**
- (2) 1/8" to 1/4".** 274-367 ..... **1.79**
- (3) 1/8" Mini Headphone Y-Adapter.** 274-313 ..... **3.29**
- (4) Adapts 1/4" to 1/8".** 274-366 ..... **1.79**
- (5) Mono-to-Stereo 1/8" Jack.** 274-368 ..... **1.19**



### 1/4"-1/8" Cable Adapter

**NEW!** 20-ft. cable has 1/4" stereo jack to 1/8" mini plug. **42-2464**

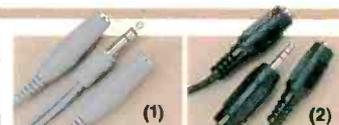
**5<sup>99</sup>**



### 1/8"-1/4" Cable Adapter

Straight 20-ft. cable connects 1/8" stereo mini jack to 1/4" stereo plug. **42-2460**

**5<sup>99</sup>**



### Stereo Headset Y-Adapters

- (1) 1/4" Plug to Two 1/4" Jacks.** 42-2448 ..... **5.39**
- (2) 1/8" Plug to Two 1/8" Jacks.** 42-2463 ..... **4.99**



### 20-Foot 1/4" Cable

Noncoiled stereo audio extension cable with stereo 1/4" plug and jack. **42-2442**

**5<sup>79</sup>**



### 24-Foot 1/4" Coiled Cable

Coiled, non-tangling stereo audio cable with stereo 1/4" plug and jack. **42-2443**

**8<sup>39</sup>**



### 20-Foot 1/8" Cable

Lightweight, highly flexible cord with 1/8" stereo mini plug and stereo jack. **42-2462**

**6<sup>39</sup>**

# LIGHTWEIGHT AND IN-EAR STEREO PHONES



## The Best in Lightweight Realistic® Headphones

(1) **Realistic PRO-25.** Features titanium-layered diaphragms, oxygen-free coil windings and neodymium magnets. In-line volume control, 15-25,000 Hz. 6-ft. cord, 1/8" plug. **39<sup>95</sup>** 33-1022

(2) **Realistic Nova®-45.** Efficient rare-earth magnets for solid bass. Ideal for portable CD players. 3.3 ounces. 20-20,000 Hz. 6 1/2-ft. cord, 1/8" plug. With 1/8" to 1/4" adapter. **24<sup>95</sup>** 33-1021

(3) **Realistic Nova-53.** Take anywhere—"fold and carry" design with high-compliance diaphragms for superb sound. 50-20,000 Hz. 5-ft. cord and 1/8" plug. **19<sup>95</sup>** 33-981

(4) **Realistic Nova-37.** Fit comfortably inside ear—perfect for active people. "Fold and carry" design. Weigh only two ounces. 50-20,000 Hz. With 45" cord, 1/8" plug. **15<sup>95</sup>** 33-2003

(5) **Realistic Nova-36.** Convenient "fold and carry" design fits easily in purse or pocket. Weigh only two ounces. Foam earpads. 40-20,000 Hz. With 4-ft. cord, 1/8" plug. **8<sup>95</sup>** 33-2002

(6) **Realistic Nova-34.** Great sound, low price! Adjustable headband. Weigh two oz. 4-ft. cord, 1/8" plug. **5<sup>95</sup>** 33-1000  
Extra Earpads. 33-375 ..... **99c**



## Digital-Ready In-Ear Stereo Phones

- High-Performance Gold-Plated Plug
- Includes Durable, Lightweight Carry Case
- On-Cord Volume

Comfortable and convenient! Diaphragms are six-microns "thin" for excellent, full-sounding bass response in a minute package. Volume control on cord. 16-22,000 Hz. 40" cord, 1/8" plug. **29<sup>95</sup>** 33-991



## Ultralight Wind-Up "Earbuds"

- Comfortable and Convenient In-Ear Fit
- Wrap-Around Cord Case
- Less Than 1/2-Oz.

**NEW!** Phones and cord wind up inside carry case, so you can take them wherever you go, in a pocket or purse. Weigh only .42 oz. 120-20,000 Hz. 43" cord. 1/8" plug. **13<sup>95</sup>** 33-980



### Monaural Earphones

With ear clip and 3 1/4-ft. cord.  
3/32" Plug. 33-174 ..... **1.79**  
1/8" Plug. 33-175 ..... **1.79**



### Deluxe Mono Earphones

Fit portable TVs, radios. 1/8" plug.  
10-Ft. Cord. 33-177 ..... **3.99**  
25-Ft. Cord. 33-178 ..... **5.99**



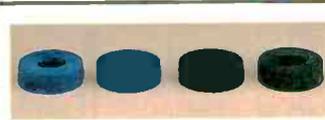
### Wireless Headset and Transmitter

Sends infrared monaural signal to headset from radio or TV with headphone jack. 20-ft. range. 30-18,000 Hz. UL listed AC adapter. Headset requires 9V battery. **59<sup>95</sup>** 32-2050



### 20-Foot Earphone Cord

Extension cord has 1/8" jack and plug. For any 1/8" mono plug on this page. **2<sup>69</sup>** 33-176



### Earpad Replacement Set

Foam covers fit most lightweight headsets. Set includes four replacement pads. **2<sup>79</sup>** 33-374



### Pillow Speaker

Small price for privacy! Enjoy TV or radio without disturbing others. 1/8" plug. **3<sup>99</sup>** 33-206



### Deluxe Pillow Speaker

Slips under pillow for private listening. Volume control and 1/8" plug. **4<sup>99</sup>** 33-207

# PORTABLE KEYBOARD FUN FOR EVERYONE



(1)

## Full-Size, 4-Octave Music Keyboard

**(1) Concertmate®-670.** Take command of 100 instrument sounds and sound effects, 100 rhythm patterns and 49 full-size keys with our finest keyboard. With Concert Chord you can play full chords synchronized to a selected rhythm pattern on a single key. And you can choose 8-note "two-hand" chords, or 4-note chords with enriched sound quality in "Texture" mode. Rhythm fill-in adds "custom" drum fills. Main and accompaniment volume controls, adjustable tempo, demo button. 4<sup>3</sup>/<sub>4</sub>" speaker, 1/8" output jack. 3<sup>1</sup>/<sub>4</sub> x

34<sup>3</sup>/<sub>8</sub> x 10<sup>1</sup>/<sub>4</sub>". Requires 6 "AA" batteries or AC adapter. **149<sup>95</sup>**

(TSP available) 42-4012 . . . . . Low As \$15 Per Month



(2)

## 100-Sound "Mini" Keyboard

**NEW!** **(2) Concertmate-460.** An ensemble of musical entertainment at your fingertips. Features 100 preset sounds, 13 accompaniment patterns including rock, pop and funk styles, 19 auto rhythms and five drum pads for adding percussion effects—an entire orchestra at your command! 32-key, 2<sup>1</sup>/<sub>2</sub>-octave range. Adjustable volume, tempo and tone controls. 3<sup>1</sup>/<sub>8</sub>" speaker. 2<sup>1</sup>/<sub>2</sub> x 24<sup>1</sup>/<sub>8</sub> x 7". Requires 5 "AA" batteries or AC adapter. **59<sup>95</sup>**

(TSP available) 42-4015



Realistic Brings You a World of Music . . . And Fun!

Available Sept. 30, 1991

(3)

## Beginner's "Micro" Keyboard

**NEW!** **(3) Concertmate-370.** Even our lowest priced keyboard is loaded with features to give anyone great-sounding results. It's ideal for aspiring musicians of all ages. 32 micro keys provide a full 2<sup>1</sup>/<sub>2</sub>-octave range—wide enough for your favorite tunes. You can play full-sounding two-note chords with 25 preset sounds and lay down a beat with 19 auto rhythms and 13 popular-style accompaniments. Four drum pads let you add percussion effects to your arrangements. 2<sup>1</sup>/<sub>2</sub>" speaker. 1<sup>1</sup>/<sub>2</sub> x 14<sup>3</sup>/<sub>4</sub> x 4<sup>1</sup>/<sub>2</sub>". Requires 4 "AA" batteries or AC adapter. **39<sup>95</sup>**

(TSP available) 42-4014



Avail. Sept. 30, 1991

## You Can Be Rappin' Like a Pro—Wherever You Go!

**NEW!** **RapMaster Concertmate-800.** Customize and perform your own rap anywhere! Two separate modes let you play melodies or rap rhythm patterns on 32 mini-size keys. Features 25 preset tones, 30 built-in rhythms, three drum pads—even a dual-sound "scratch" table. Add vocals with the included mike and you're a master of rap! Adjustable tempo, volume, tone controls. 3<sup>1</sup>/<sub>8</sub>" speaker. 2<sup>1</sup>/<sub>3</sub> x 20<sup>1</sup>/<sub>4</sub> x 7<sup>3</sup>/<sub>4</sub>". Requires 5 "AA" batteries or AC adapter. (TSP available) 42-4016 . . . . . Low As \$15 Per Month

**99<sup>95</sup>**



## The Fun Way to Learn Keyboards

■ With Easy-to-Follow Instructional Cassette

**NEW!** Everything you need—three helpful instruction manuals and current-hits songbook. **99<sup>95</sup>**

51-1104

# AMPLIFIED STEREO SPEAKER SYSTEMS



## Wireless! Enjoy Stereo Sound Wherever You Have an AC Outlet

- No Need to Run Speaker Wiring Throughout Your Home
- Ideal for Surround Sound Speaker Setups

Delivers top-quality stereo sound to any room in your home through existing AC wiring. It's easy to move these speakers room to room and they're great for surround sound, too. Hookup is simple—just connect transmitter to headphone or audio-out jacks of your stereo system and plug into AC outlet, then plug the powered speaker into any AC outlet and connect its companion speaker. You are now ready to enjoy full stereo sound in the kitchen, garage or anywhere you want to listen to your favorite music. Full-range 4 1/2" drivers. Excellent performance—80 dB signal-to-noise ratio. Power output: 10 watts per channel. Speaker size: 9 x 5 7/8 x 6 1/8". UL listed AC. (TSP available) 40-1360 .. Low As \$15 Per Month

**199<sup>95</sup>**

## Share Your Music! It's Easy With Our Amplified Speakers



### Portable Stereo Mini-Speaker System

- Perfect for Portable CD And Cassette Players

**Minimus®-0.6.** Just plug these rugged little speakers into your portable's 1/8" headphone jack. 2 1/2" drivers, carry case and audio cable. Output: 2 watts per channel. 5 5/8 x 3 1/4 x 3 1/4". Requires 8 "C" batteries. 40-1259

**PAIR 49<sup>95</sup>**



### Two-Way Speakers With Carrying Bag

These 7 1/8"-high "satellite" speakers slide into the bag, leaving room for a personal stereo. Each has a 3" woofer and piezo tweeter. Auto-power on/off. Just plug into 1/8" stereo headphone jack. Power output: 3 watts per channel. Requires 8 "C" batteries or AC or DC adapter. 40-1303

**PAIR 49<sup>95</sup>**



### Interlocking Stereo Speaker System

**Realistic® Minimus-0.4.** Enjoy amplified sound from any portable CD player or personal stereo. Has 4" drivers, plus separate bass and treble controls. Interlock for easy carrying, separate for improved stereo. Plugs into 1/8" headphone jack. With strap. Power output: 1.5 watts per channel. 5 x 4 3/4 x 2 1/2". Requires 4 "C" batteries or AC or DC adapter. 40-1267

**PAIR 29<sup>95</sup>**



### Low-Cost Amplified Speaker System

- Big Sound, Small Price
- Perfect for Desktop

Compact speakers for on-the-go stereo. Just plug into the 1/8" headphone jack on your portable CD player, personal cassette player or portable receiver. Dual 2 1/2" speakers. Power output: 1 watt per channel. 3 7/8 x 3 3/8 x 2 1/8". Requires 4 "AA" batteries. 40-166

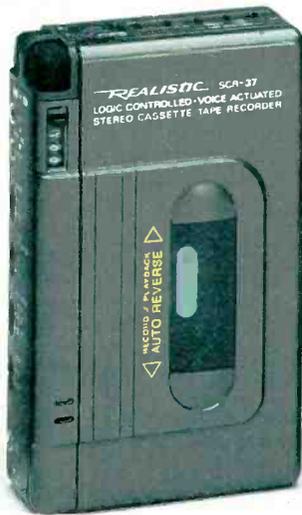
**PAIR 19<sup>95</sup>**

# PERSONAL STEREOS THAT RECORD TOO!



**Realistic® SCP-29.** Record in stereo with the built-in mikes! Has stereo headphone jack plus a monaural speaker to make it a perfect combination personal stereo/handheld tape recorder—no need to buy two separate units! Features auto-level recording for best results every time, plus separate left/right volume controls, auto-stop and external mike jacks. Three-digit tape counter, record/battery LED. 5<sup>1</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>2</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1068

**79<sup>95</sup>**



**NEW! Realistic SCR-37 With Auto-Reverse.** Voice actuation, auto-reverse and built-in mikes give you superb hands-free stereo recording with no long gaps—you get more on your tape. Logic controlled to prevent tape damage. Has both a monaural speaker and stereo headphone jack, so it's a perfect all-around performer. Belt clip. External mike jacks. 5<sup>1</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>4</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1080

**99<sup>95</sup>**

Low As \$15 Per Month



**Realistic SCR-26 AM/FM Dolby™ B NR Cassette.** Auto-reverse gives you super recording or playback convenience. Features Dolby system and metal-CrO<sub>2</sub>/normal tape bias selector on playback for best sound. Has bass boost system, plus separate bass and treble controls. Consistent auto-level recording with included stereo mike. With in-ear stereo phones, removable belt clip. 4<sup>3</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>2</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1078

**139<sup>95</sup>**

Low As \$15 Per Month



**NEW! Realistic SCR-42 Digital Tuning.** It's loaded! Gives you drift-free digital tuning with 10 memory presets, plus cassette with auto-reverse and Dolby system on playback. Features bass boost circuit, separate bass and treble controls, and LCD tuning/time display with clock. Selectable AM/FM stepping for overseas use. With stereo mike, in-ear phones and belt clip. 4<sup>1</sup>/<sub>2</sub> × 3<sup>1</sup>/<sub>4</sub> × 1<sup>1</sup>/<sub>4</sub>". Requires 2 "AA" batteries or AC adapter. 14-1085

**159<sup>95</sup>**

Low As \$15 Per Month

## STEREO-MATE® Personal Cassette Players—Super Stereo Plus Outstanding Value



(1)

(1) **Realistic SCP-28.** Separate left and right volume controls, plus end-of-tape auto-stop to save batteries. Low-battery LED. 5<sup>1</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>5</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1067

**19.95**



(2)

(2) **Realistic SCP-33.** Lightweight, compact player has separate left and right volume controls, fast-forward and rewind, plus auto-stop to protect tapes and save batteries. Removable belt clip. 4<sup>1</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1069

**24.95**



(3)

(3) **Realistic SCP-34 With EQ.** Has a built-in 3-band equalizer for "customizing" sound to your liking, plus auto-stop and separate left and right volume controls. 4<sup>1</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1070

**29.95**



(4)

(4) **NEW! Realistic SCP-41 Auto-Reverse.** Features bass boost, separate left and right volume controls and belt clip. 4<sup>3</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>4</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1079

**49.95**

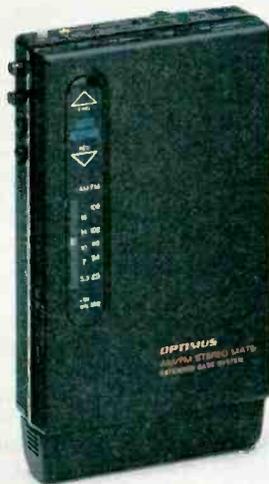


(5)

(5) **NEW! Realistic SCP-44 Auto Reverse, Dolby NR.** An excellent value that's just loaded with features for super stereo sound! Dolby B NR cuts tape hiss and extends dynamic range. Features bass boost for strong bass even at low volumes, plus metal-CrO<sub>2</sub>/normal tape bias selector for best sound from any tape type. Auto-stop protects your tapes and the player's mechanism, also saves batteries. 4<sup>3</sup>/<sub>8</sub> × 3<sup>3</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. 14-1083

**59.95**

# STEREO-MATE AM/FM CASSETTES TO GO



**Optimus® SCP-43.** Our finest digital. It's rechargeable—you'll never have to worry about batteries! Gives you drift-free digital tuning with 10 memory presets, plus auto-search and an LCD tuning/time/tape-direction display. Auto-reverse cassette features Dolby B and metal-CrO<sub>2</sub> bias selector for best sound. Has bass boost system, includes in-ear stereo phones. 4<sup>3</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>8</sub>". With rechargeable battery and UL listed AC adapter/charger. **219<sup>95</sup>**  
14-1082 ..... Low As \$15 Per Month

**Optimus SCP-40.** Rechargeable—and just 1" thin! Selectable auto-reverse plays both tape sides once or continuously. Features Dolby B to greatly improve sound, plus metal-CrO<sub>2</sub>/normal bias selector for best result from any type of tape. Bass boost system strengthens low-frequency response. With ultralight in-ear stereo phones and carry pouch. 4<sup>1</sup>/<sub>4</sub> x 2<sup>7</sup>/<sub>8</sub> x 1". Includes rechargeable battery and UL listed AC adapter/charger. **199<sup>95</sup>**  
14-1077 ..... Low As \$15 Per Month

**Realistic SCP-38.** Digital drift-free tuning with 20 memory presets. Auto-search scans up and down AM and FM bands. Cassette features selectable auto-reverse, Dolby B for improved sound and metal-CrO<sub>2</sub>/normal bias selector. Stereo/mono switch for best reception of distant FM stations. LCD tuning display. Belt clip included. 4<sup>7</sup>/<sub>8</sub> x 3<sup>3</sup>/<sub>8</sub> x 1<sup>3</sup>/<sub>8</sub>". **NEW LOW PRICE! 119<sup>95</sup>**  
Requires 2 "AA" batteries or AC or DC adapter. Was \$129.95 in 1991 Catalog. **119<sup>95</sup>**  
14-1074 ..... Low As \$15 Per Month

**Realistic SCP-45.** All-around performer has all the most-wanted features. You get selectable auto-reverse, Dolby B for greatly improved sound and a metal-CrO<sub>2</sub>/normal bias selector for best results from all tape types. Has bass boost system, separate bass and treble controls and a stereo/mono switch for best FM reception. Convenient cassette viewing port lets you see how much tape is left to play. Belt clip. 4<sup>3</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>2</sub>". Requires 2 "AA" batteries or AC or DC adapter. **89<sup>95</sup>**  
14-1084



(1) **NEW LOW PRICE!** Realistic SCP-39. It's packed with performance and value! Selectable auto-reverse plays both sides of tape—great for workouts or yard work. Features metal-CrO<sub>2</sub>/normal tape bias selector for best results from all types of tape, and Dolby B NR to greatly improve sound. Stereo/mono switch improves weak-signal FM reception to pull in more stations. Has separate left and right rotary volume controls, plus rotary tuning controls. Removable belt clip. 5<sup>3</sup>/<sub>8</sub> x 3<sup>3</sup>/<sub>8</sub> x 1<sup>3</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. Was \$79.95 in 1991 Catalog. **69.95**

(2) **NEW!** Realistic SCP-42. Sleek auto-reverse player has bass boost to strengthen low-frequency sounds, plus auto-stop to protect your tapes and player's mechanism. Stereo/mono switch. 5 x 3<sup>3</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>2</sub>". Requires 2 "AA" batteries or AC or DC adapter. **14-1081 ..... 59.95**  
(3) **NEW!** Realistic SCP-46 All-Weather. Enjoy superb stereo indoors or out, in any weather! Rugged construction with neoprene gaskets to seal out the elements—shrugs off sand, dirt or rain with ease. LED stereo indicator, belt clip. 5<sup>3</sup>/<sub>8</sub> x 3<sup>5</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter. **14-1086 ..... 49.95**

(4) **Realistic SCP-37.** Enjoy your favorite music while traveling, working out or just relaxing. Auto-stop saves batteries and protects tapes. Stereo/mono switch improves FM reception to pull in more stations. Left/right volume controls, belt clip. 5<sup>3</sup>/<sub>8</sub> x 3<sup>3</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>2</sub>". Requires 2 "AA" batteries or AC or DC adapter. **14-1073 ... 39.95**  
(5) **Realistic SCP-36.** Even our lowest priced player offers excellent sound and value. You get auto-stop and FM stereo/mono switch, plus stereo LED, left/right volume controls and belt clip. 5<sup>1</sup>/<sub>4</sub> x 3<sup>3</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>8</sub>". Requires 2 "AA" batteries or AC or DC adapter **14-1072 ... 33.95**

TSP AVAILABLE ON ALL STEREOS ON THESE TWO PAGES / SEE PAGE 35 FOR A COMPLETE SELECTION OF AC AND DC POWER ADAPTERS

# PORTABLE & DESK CASSETTE RECORDERS



- Designed and Tested for Quality Assurance
- All With Sensitive Built-In Mike

**NEW!** (1) Realistic® CTR-23 Auto-Reverse, Voice Actuation, Logic Control. The utmost in recording convenience! Voice actuation and auto-reverse give you continuous hands-free recording on both sides of tape. Logic-controlled to prevent tape damage. Features auto-stop, cue/review.  $3\frac{3}{16} \times 5\frac{5}{16} \times 1\frac{1}{16}$ ". Requires 2 "AA" batteries or AC or DC adapter. 14-1101 **79<sup>95</sup>**

(2) Minisetete®-20 Voice Actuation, Cue/Review. Convenient compact size. Cue/review helps easily find desired segment of tape. Auto-stop, battery LED, tape counter. With earphone. Jack for remote mike.  $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". Requires 2 "AA" batteries or AC or DC adapter. 14-1055 **59<sup>95</sup>**

**NEW!** (3) Realistic CTR-22 Voice Actuation. Our lowest-priced hands-free recorder. Has auto-level, three-digit tape counter and earphone jack.  $3\frac{7}{16} \times 5\frac{3}{16} \times 1\frac{1}{2}$ ". Requires 2 "AA" batteries or AC adapter. 14-1100 **39<sup>95</sup>**

(4) Realistic CTR-85 Voice Actuation. Auto-level makes recording a breeze. Cue/review and tape counter help you quickly find your place. Pause. Earphone, remote-mike jacks.  $4 \times 7 \times 1\frac{5}{8}$ ". Requires 4 "AA" batteries or AC or DC adapter. 14-1056 **49<sup>95</sup>**

(5) Minisetete-19 Auto-Level. Our lowest-priced portable! Compact size, auto-stop, earphone jack. Wrist strap. Requires 2 "AA" batteries or AC or DC adapter.  $4\frac{3}{4} \times 3\frac{3}{8} \times 1\frac{3}{8}$ ". 14-1054 **29<sup>95</sup>**

**NEW!** (6) Realistic CTR-69 Voice Actuation. Switch auto-level on for consistent volume on speech recordings or off for wider dynamic range on music. Cue/review, tape counter. LED recording meter, auto-stop. Earphone and remote-mike jacks.  $2\frac{1}{8} \times 9\frac{1}{16} \times 6\frac{3}{4}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1154 **69<sup>95</sup>**

(7) Realistic VSC-2001 Variable Speech Control™, Voice Actuation. Lets you vary speed and pitch for faster, yet normal-sounding playback with any standard cassette. Ideal for reviewing lengthy lectures or speeches and allows typists to transcribe dictation at top speed. With voice actuation and auto-level for hands-free recording. Has cue/review, tape counter, built-in mike.  $4\frac{1}{16} \times 6\frac{9}{16} \times 1\frac{5}{8}$ ". Requires 4 "AA" batteries or AC or DC adapter. 14-1058 **79<sup>95</sup>**

**NEW!** (8) Realistic CTR-62 With Cue/Review. Auto-level, auto-stop, external mike jack. Earphone.  $1\frac{7}{8} \times 5\frac{5}{8} \times 9\frac{3}{4}$ ". Requires 4 "C" batteries or AC or DC adapter. 14-1150 **29<sup>95</sup>**

**NEW!** (9) Realistic CTR-66 AC/Battery. Auto-level and cue/review. Earphone/remote-mike jacks.  $1\frac{7}{8} \times 5\frac{5}{8} \times 9\frac{3}{4}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1151 **39<sup>95</sup>**

(10) Realistic CTR-73 With Tone Control. Auto-stop saves batteries, protects tapes. Cue/review, tape counter, record/battery LED and auto-level. Mike jack.  $1\frac{3}{4} \times 5\frac{1}{2} \times 10\frac{1}{2}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1053 **49<sup>95</sup>**

# MICRO RECORDERS & TAPE ACCESSORIES

## Ideal "Notetakers" for School or Office

■ Up to Three Hours Recording Time on One MC-90 Tape

**NEW!** (1) **Realistic Micro-14 With Cue/Review.** Budget-priced performer! Auto-level for perfect-volume recordings. Built-in mike, 2-speed drive, auto-stop, tape counter, earphone and remote-mike jacks.  $4\frac{7}{8} \times 2\frac{1}{2} \times 1\frac{1}{16}$ ". Requires 2 "AA" batteries or AC or DC adapter. 14-1175 **39<sup>95</sup>**

(2) **Realistic Micro-18 With Voice Actuation.** Everything above, plus hands-free voice-actuated recording. 14-1042 **49<sup>95</sup>**

(3) **Realistic Micro-27 With Voice Actuation, Fast-Play Mode.** Increases playback speed while keeping voices understandable. Auto-stop, cue/review, record/battery LED. Two-speed capstan drive—1.2cm/sec. or 2.4 cm/sec. With case, earphone.  $4\frac{3}{4} \times 2\frac{1}{8} \times \frac{15}{16}$ ". Requires 2 "AA" batteries or AC or DC adapter. 14-1044 ..... **Low As \$15 Per Month 99<sup>95</sup>**

(4) **Realistic Micro-26. Our Finest With Voice Actuation.** Most compact ever—only  $\frac{5}{8}$ " thin. Quick-record lets you change instantly from play to record. Two-speed drive. Cue/review, tape counter and auto-stop. Remote-mike jack. With earphone, carry case.  $4\frac{5}{16} \times 2\frac{1}{16} \times \frac{5}{8}$ ". Requires 2 "AAA" batteries or AC or DC adapter. 14-1043, **Low As \$15 Per Month 149<sup>95</sup>**



### Capstan-Drive Microcassettes

Type Recording	Total Time	Cat. No.	Each	
			1-9	10-Up
MC-60	Up to two hours	44-640	3.49	3.00
MC-90	Up to three hours	44-644	6.95	5.98



### Microcassette Cleaner Kit

Restores voice clarity! Also use for answering machines. With cleaning cassette, probe, mirror and solution. 44-1168 **5<sup>99</sup>**



### Microcassette Head Cleaner

Loads like a tape. Nonabrasive system effectively cleans microcassette path to extend tape life and restore clarity. 44-1166 **2<sup>99</sup>**



### Quality Minicassette Tape

For rim-drive Mini recorders. 30 minutes of recording time. 44-633  
1-9 ..... **Each 3.29**  
10-up ..... **Each 2.79**

### Our Best! Low-Noise, Open-Reel SUPERTAPE® Premium

Reel Size	Length in Feet	Base Thickness in Mils	Cat. No.	Each	
				1-9	10-499
5"	900	1.0	44-1872	3.99	3.19
7"	1200	1.5	44-1878	5.99	4.79
7"	1800	1.0	44-1877	6.99	5.59
7"	3600	0.5	44-1880	12.99	10.39



### Open-Reel Concertape®

Budget price! Great for voice and general-purpose recording. Heavy-duty 1-mil. Polyester base. **2<sup>99</sup>**  
1800 feet, 7" reel. 44-1018



### Plastic Tape Reels

Replaces worn or damaged reels. Handy index and timing charts.  
5" Reel. 44-278 ..... **1.69**  
7" Reel. 44-279 ..... **1.89**

## Power Adapters for Portable Recorders, Personal Stereo

Stop wasting batteries and start saving money! Convert your portable to two or three-way power with these adapters. They will power your portable tape recorder from 120VAC house current or 12VDC vehicle power. Especially useful for reviewing lengthy recordings at home or out on the road. Buy one for your home *and* car!

Cat. No.	AC	Each	DC	Each
14-0529	*	*	270-1534	5.79
14-0530	*	*	270-1534	5.79
14-0531	*	*	270-1534	5.79
14-0750	*	*	270-1562	14.95
14-0752	*	*	14-844	6.99
14-0753	*	*	14-844	6.99
14-0754	*	*	270-1562	14.95
14-0755	*	*	14-844	6.99
14-0756	*	*	270-1562	14.95
14-0757	*	*	270-1562	14.95
14-0758	*	*	14-844	6.99
14-0759	*	*	270-1562	14.95
14-0760	*	*	14-844	6.99
14-0761	*	*	14-844	6.99
14-0762	*	*	14-844	6.99

Cat. No.	AC	Each	DC	Each
14-0766	273-1455	7.95	14-844	6.99
14-0767	273-1650	12.95	14-844	6.99
14-0846	273-1454	7.95	14-844	6.99
14-0851	273-1454	7.95	14-844	6.99
14-0852	273-1454	7.95	14-844	6.99
14-0853				
14-1039	273-1650	12.95	270-1560	11.95
14-1040	273-1435	6.95	270-1560	11.95
14-1042	273-1435	6.95	270-1560	11.95
14-1043	273-1654	13.95	270-1560	11.95
14-1044	273-1435	6.95	270-1560	11.95
14-1048	273-1654	13.95	270-1560	11.95
14-1053			14-844	6.99
14-1054	273-1654	13.95	270-1560	11.95

Cat. No.	AC	Each	DC	Each
14-1055	273-1654	13.95	270-1560	11.95
14-1056	273-1454	7.95	14-844	6.99
14-1057	273-1454	7.95	14-844	6.99
14-1058	273-1454	7.95	270-1560	11.95
14-1067	273-1654	13.95	270-1560	11.95
14-1068	273-1654	13.95	270-1560	11.95
14-1069	273-1654	13.95	270-1560	11.95
14-1070	273-1654	13.95	270-1560	11.95
14-1071	273-1654	13.95	270-1560	11.95
14-1072	273-1435	6.95	270-1560	11.95
14-1073	273-1654	13.95	270-1560	11.95
14-1074	273-1654	13.95	270-1560	11.95
14-1076	273-1654	13.95	270-1560	11.95
14-1077				
14-1078	273-1654	13.95	270-1560	11.95

Cat. No.	AC	Each	DC	Each
14-1079	273-1654	13.95	270-1560	11.95
14-1080	273-1654	13.95	270-1560	11.95
14-1081	273-1654	13.95	270-1560	11.95
14-1082			270-1560	11.95
14-1083	273-1654	13.95	270-1560	11.95
14-1084	273-1654	13.95	270-1560	11.95
14-1085	273-1654	13.95	270-1560	11.95
14-1086	273-1654	13.95	270-1560	11.95
14-1100	273-1456	6.95	270-1560	11.95
14-1101	273-1654	13.95	270-1560	11.95
14-1150	273-1454	7.95	14-844	6.99
14-1151	*	*	14-844	6.99
14-1154	*	*	14-844	6.99
14-1175	273-1435	6.95	270-1560	11.95
14-1176	273-1435	6.95	270-1560	11.95

\*Not required, AC power cord included

USE DEPENDABLE, LONG-LIFE ENERCELL® BATTERIES FOR BEST RESULTS—OVER 100 MILLION SOLD EACH YEAR

# DUAL-CASSETTE STEREO ON THE GO

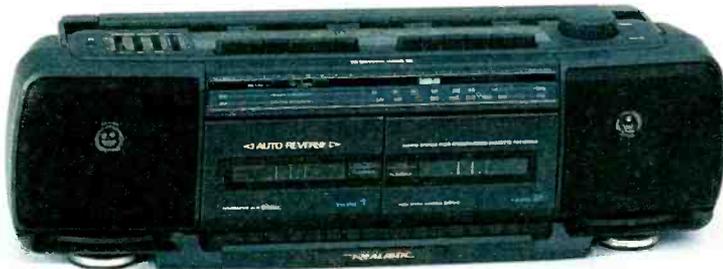


## Subwoofer and Dolby™ NR

**Realistic SCR-39.** Take along powerful portable stereo! Crank up pulsating bass with the dynamic biampified subwoofer. Record from FM stereo, AM, external sources or add mikes for "live" recordings. Duplicates cassettes with high-speed synchro-start dubbing. Dolby NR cuts hiss and extends dynamic range. Make tone adjustments to suit your taste with 3-band graphic equalizer. Three 4" speakers. Jacks for headphones, mikes, line in. 9<sup>3</sup>/<sub>4</sub> x 20<sup>3</sup>/<sub>4</sub> x 5<sup>3</sup>/<sub>4</sub>". UL listed AC. (or 6 "D" batteries, extra). Was \$199.95 in 1991 Catalog. (TSP available)

**NEW LOW PRICE!**  
**179<sup>95</sup>**

14-757 ..... Low As \$15 Per Month

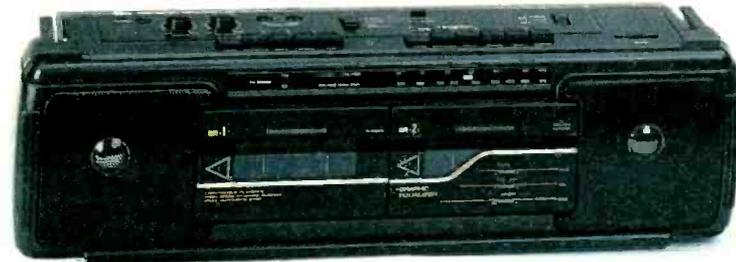


## Auto-Reverse and Stereo-Wide

**Realistic SCR-41.** Record from FM stereo, AM or "live" with built-in mike. Duplicate cassettes in half the usual time with high-speed synchro-start dubbing. Decks feature continuous play mode and auto-reverse—just load your tapes and enjoy! Switchable Stereo-Wide™ system enhances sound for exciting "concert hall" effect. With auto-level recording and auto-stop to protect cassettes. Dual 3<sup>1</sup>/<sub>2</sub>" 2-way speakers. Stereo headphone jack. 5<sup>1</sup>/<sub>2</sub> x 20<sup>1</sup>/<sub>2</sub> x 5". UL listed AC (or 6 "C" batteries or DC adapter, extra). Was \$139.95 in 1991 Catalog. (TSP available)

**NEW LOW PRICE!**  
**129<sup>95</sup>**

14-760 ..... Low As \$15 Per Month



## Synchro Dubbing, 3-Band Equalizer

**Realistic SCR-38** Duplicating your personal cassettes is quick and precise with high-speed synchro-start dubbing. Tailor the sound to personal taste or listening environment with the three-band graphic equalizer—gives you much more tonal control than ordinary portable stereos. Double deck has continuous play mode and end-of-tape auto-stop. Dual 3<sup>1</sup>/<sub>2</sub>" full-range speakers. Input jacks for headphones and mikes. 8<sup>1</sup>/<sub>2</sub> x 19<sup>1</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub>". UL listed AC (or 6 "D" batteries, extra). (TSP available)

**119<sup>95</sup>**

14-756 ..... Low As \$15 Per Month



## High-Speed Dubbing, Stereo-Wide

**Realistic SCR-24.** Continuous mode auto-plays two tapes in sequence. Switchable Stereo-Wide circuit enhances stereo effect for "concert hall" sound. Records directly off-the-air or "live" with the built-in mike. High-speed synchro-start dubbing, auto-stop. Dual 3<sup>1</sup>/<sub>2</sub>" speakers for excellent sound. Jack for headphones. 5<sup>1</sup>/<sub>2</sub> x 19<sup>1</sup>/<sub>2</sub> x 4". UL listed AC (or 6 "C" batteries or DC adapter, extra). (TSP available)

**99<sup>95</sup>**

14-762 ..... Low As \$15 Per Month



## Our Lowest Priced Dubbing Deck

**Realistic SCR-23.** A versatile portable with streamlined styling. Records directly from FM stereo, AM or "live" with built-in mike. High-speed dubbing copies personal tapes in half the usual time. With continuous play mode, auto-stop and FM stereo LED. Dual 3<sup>1</sup>/<sub>2</sub>" speakers. Headphone jack. 5<sup>1</sup>/<sub>2</sub> x 20<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>2</sub>". UL listed AC (or 6 "D" batteries, extra). (TSP available)

**79<sup>95</sup>**

14-761

## Take-Along Cassette Player/Recorder

**Realistic SCR-20.** Take the fun with you—enjoy at the park, beach or anywhere you want your music! Records directly off-the-air or “live” with built-in mike. Auto-level for great recordings. End-of-tape auto-stop protects tapes and mechanism, prolongs battery life. Dual 4” full-range speakers. FM stereo LED, slide volume and balance controls. Headphone jack. 4<sup>7</sup>/<sub>8</sub> × 14<sup>3</sup>/<sub>8</sub> × 3<sup>1</sup>/<sub>8</sub>”. UL listed AC (or 6 “C” batteries or DC adapter, extra). Was \$79.95 in 1991 Catalog. (TSP available) 14-755

**NEW  
LOW PRICE!  
69<sup>95</sup>**

## Slim Design With Fold-Away Handle

**Realistic SCR-40.** Listen with the ultralight in-ear phones or through the speakers. Records directly off-the-air or “live” with the built-in mike. Auto-level assures perfect-volume recordings every time. End-of-tape auto-stop protects tape and mechanism—saves batteries, too. Two-position tone switch lets you adjust sound to suit your taste. FM stereo LED, headphone jack. 5<sup>1</sup>/<sub>4</sub> × 14<sup>1</sup>/<sub>2</sub> × 3<sup>1</sup>/<sub>4</sub>”. UL listed AC (or 5 “C” batteries or DC adapter, extra). Was \$69.95 in 1991 Catalog. (TSP available) 14-759

**NEW  
LOW PRICE!  
59<sup>95</sup>**

## With Easy-Carry Shoulder Strap

**Realistic SCR-34.** Adjustable shoulder strap makes it easy to take the music with you! Big stereo sound from a slim-design portable. Mono/stereo switch delivers the best possible FM reception. Clear recordings from FM stereo, AM, or “live” with built-in microphone. Auto-level adjusts volume for terrific sound recordings. Auto-stop protects your cassettes, the mechanism and prolongs battery life. Has jack for stereo headphones. 4<sup>3</sup>/<sub>8</sub> × 12<sup>1</sup>/<sub>4</sub> × 2<sup>1</sup>/<sub>2</sub>”. UL listed AC (or 6 “AA” batteries or DC adapter, extra). (TSP available) 14-752

**59<sup>95</sup>**

## Compact AC or Battery Portable

**NEW!** **Realistic CTR-64.** Compact size, large stereo sound! Carry along this versatile performer anywhere and enjoy listening to your favorite music—AM, FM stereo or personal cassettes. Record directly off-the-air or “live” with built-in condenser microphone. End-of-tape auto-stop protects tapes, the mechanism and saves batteries. FM stereo LED indicator. Delivers great sound! 4<sup>1</sup>/<sub>4</sub> × 11<sup>3</sup>/<sub>4</sub> × 2<sup>3</sup>/<sub>4</sub>”. Requires 4 “C” batteries or AC or DC adapter. (TSP available) 14-767

**49<sup>95</sup>**

## Monaural AM/FM Cassette Portable Player/Recorders

- Auto-Stop Protects Tapes And Saves Batteries

**Realistic CTR-83.** Portable entertainment value—plays on AC, batteries or car DC with optional adapter. Big 3<sup>1</sup>/<sub>2</sub>” speaker delivers excellent sound. Built-in mike. 7<sup>5</sup>/<sub>16</sub> × 11<sup>3</sup>/<sub>16</sub> × 3”. UL listed AC (or 4 “C” batteries or DC adapter, extra). (TSP available) 14-758

**39<sup>95</sup>**

- Operates on Included AC Cord, Batteries or Car DC

**NEW!** **Realistic CTR-84.** Delivers great sound you'll enjoy anywhere! Records directly from FM, AM or “live” with the built-in condenser microphone. 7<sup>5</sup>/<sub>16</sub> × 10<sup>5</sup>/<sub>16</sub> × 3<sup>1</sup>/<sub>8</sub>”. UL listed AC (or 4 “C” batteries or DC adapter, extra). (TSP available) 14-766

**34<sup>95</sup>**



# CD/AM/FM STEREO CASSETTE PORTABLES



## Three-Piece System With High-Speed Dubbing, Digital Tuner, Detachable Speakers

- CD Auto-Search and Memory
- Synchro-Start for Easy CD-to-Tape And Cassette-to-Cassette Dubbing

**NEW!** Realistic® CD-3306. Big features, super sound! The top-loading CD player has auto-search to help you find selections, easy-to-program 16-selection memory, repeat key and LCD display. Dual-cassette copies tapes at normal or high speed, plays two tapes in sequence, and records from CD, FM stereo, AM or "live" with built-in mike. Tuner has LCD display and presets for 10 stations. You also get a 5-band equalizer, 1/8" jacks for adding mike and headphone, aux-in, CD-out. Telescoping antenna. Speakers have 5" woofers, 1" piezo tweeters. 9 1/4" x 25 x 9 7/16" overall. UL listed AC (or 8 "D" batteries or DC adapter, extra). (TSP avail.)

**299<sup>95</sup>**

14-531 ..... Low As \$15 Per Month



## High-Speed Dubbing, EQ, CD With Shuffle Play

- Synchro-Start Simplifies CD-to-Tape And Cassette-to-Cassette Dubbing

**NEW!** Realistic CD-3305. Superior digital audio on the go! Top-loading CD player has auto-search to help you access selections, shuffle play for listening variety, repeat, LCD display and 16-selection memory. Dual-cassette deck copies personal tapes at normal or high speed. Also records directly from CD, FM stereo, AM or "live" if you add mikes. Built-in 3-band EQ, dual 4" speakers, 1/8" jacks for adding stereo headphone and mike. Telescoping antenna. 7 1/8" x 24 3/8" x 9 7/8". UL listed AC (or 8 "D" batteries or DC adapter, extra). (TSP avail.)

**229<sup>95</sup>**

14-530 ..... Low As \$15 Per Month



## Synchro-Start for Easy CD-to-Cassette Dubbing

- Record Directly From CD, FM Stereo, AM or "Live" With the Built-In Mike

**NEW!** Realistic CD-3304. Enjoy digital clarity at home or on the go! Dubbing from CD to tape is a snap with synchro-start. You can also record off-the-air while you listen, or make "live" tapes with the built-in microphone. Auto-level assures perfect-volume recordings without adjustments. Auto-stop protects tapes and the player's mechanism. Dual 4" speakers with metal grilles. 1/8" headphone jack. Telescoping antenna. 7 x 24 5/8 x 6 7/8". UL listed AC (or 8 "D" batteries or DC adapter, extra). (TSP avail.)

**199<sup>95</sup>**

14-529 ..... Low As \$15 Per Month

# PERSONAL AM/FM STEREO RECEIVERS

## Pocket AM/FM Stereo With VHF-TV Sound

(1) **NEW!** PortaVision® Radio. Digital tuning locks in radio plus TV sound on channels 2-13. 19 presets. LCD display. 60-minute auto-shutoff helps conserve batteries. Built-in monaural speaker, stereo headphone jack. 4 1/2 x 2 5/8 x 1". Requires 2 "AA" batteries. (TSP available) 12-174 ..... 69.95

## AM/FM Stereo With Digital Tuner, 19 Presets

(2) **NEW LOW PRICE!** Optimus®. Pocket-size performer! Auto-scans presets. "Lock" switch prevents accidental changing of settings. 60-minute auto-shutoff. Belt clip. 3 7/8 x 2 3/8 x 7/8". Requires 2 "AAA" batteries and stereo headphones. Was \$69.95 in 1991 Catalog. (TSP avail.) 12-147, 59.95

## AM/FM Stereo With Digital Tuner, 10 Presets

(3) Realistic. Scans up/down FM and AM bands, locks in stations. Stores five FM and five AM stations. Removable belt clip. 4 3/8 x 2 3/8 x 7/8". Requires 2 "AAA" batteries and stereo headphones. (TSP available) 12-170, 49.95



## Special-Feature Personal AM/FM Stereo Receivers

(1) **STEREO-MATE With In-Ear Stereo Phones.** Rich stereo sound on a budget! Rotary tuning control, separate left and right sliding volume controls. FM stereo/mono switch. Has removable belt clip and replacement earpads. 3 7/8 x 2 1/2 x 1/2". Requires 2 "AAA" batteries. 12-178 .... 19.95

(2) **All-Weather AM/FM Stereo.** Really rugged. Sealed with neoprene gaskets to shrug off sand, water, dust. Belt clip. 3 1/2 x 2 1/8 x 1". Requires "AA" battery and headphones. 12-142 .. 17.95



## Personal AM/FM Stereo With Built-In Speaker

(1) Add headphones to listen to FM stereo and AM privately or use the 1 1/2" monaural speaker to share your music. Stereo/mono control and FM-AFC for best possible FM. LED FM stereo indicator. 4 1/4 x 2 1/2 x 3/4". Requires 2 "AAA" batteries. 12-132 **19<sup>95</sup>**

## Our Smallest AM/FM Stereo With Built-In Speaker

**NEW!** (2) It's ultralight and ultra-thin! Just add headphones for private AM/FM stereo listening or use the built-in monaural speaker. Separate FM antenna. Rotary volume and tuning controls. 3 3/4 x 2 1/2 x 3/8". Requires 2 "AAA" batteries. 12-179 **24<sup>95</sup>**



## Personal AM/FM Stereo Receiver With Built-In 3-Band Equalizer

**NEW!** (1) Slimline design with a built-in 3-band equalizer to set the response your way! Features easy-to-use slide-action controls for equalizer, volume and balance. Band selector has FM mono position for best possible reception of all FM stations. FM-AFC circuit cuts drift. LED FM stereo indicator. Rotary tuning control. Removable belt clip. 4 1/2 x 2 1/2 x 3/4". Requires 2 "AAA" batteries and stereo headphones. 12-194 **29<sup>95</sup>**

## It's Thin! Personal AM/FM Stereo Receiver Easily Fits a Shirt Pocket

**NEW!** (2) Clip to your belt or slip into your pocket to travel with excellent personal stereo sound. Ultraslim design. Has slide-action AM/FM selector switch plus FM stereo/mono control for best reception of all FM stations. FM stereo LED indicator. 4 1/8 x 2 1/4 x 3/16". Requires 2 "AAA" batteries and stereo headphones. 12-189 **24<sup>95</sup>**



## Stereo Headphones

Low As **5<sup>95</sup>**

We give you a choice! Several lightweight models to choose from on page 29.

THESE PERSONAL STEREOS REQUIRE STEREO HEADPHONES WITH 1/8" PLUG, EXCEPT WHERE NOTED

# SPECIAL-FEATURE TAKE-ALONG RADIOS

## Lightweight, Comfortable STEREO-MATE® Headset Radios



**NEW!** (1) **Fold-Up Digital-Tuning AM/FM Stereo.** Pushbutton tuning, six FM and six AM presets to let you find your favorite stations at the push of a button, and tuner lock. Bass-boost control and balance allow you to customize the sound to your liking. Easy-to-read LCD display. Built-in antenna and FM wire antenna for best reception. Adjustable headband and fold-up design. Requires 2 "AAA" batteries. (TSP available) **12-171** **69<sup>95</sup>**

**NEW!** (2) **AM/FM Stereo.** Weighs just six ounces with batteries installed. FM-AFC circuit, AM loopstick and FM wire-loop antennas for best reception. Balance control allows you to adjust stereo effect. Foam-padded earcushions and adjustable headband make it extra comfortable while working out or relaxing. Low-power-consuming circuitry for extra-long battery life. Requires 2 "AAA" batteries. (TSP available) **12-146** **39<sup>95</sup>**

(3) **Folding Micro AM/FM Stereo.** Ideal for working out or just relaxing. Weighs about two ounces with batteries installed, yet delivers superior stereo sound. Adjustable headband for comfort. Fold-up design saves space. Requires "AAA" battery. (TSP available) **12-128** **39<sup>95</sup>**

(4) **SPORTS MATE® Headband FM Stereo Receiver.** Weatherized for use in wet weather. Comes with head and arm bands, plus in-ear phones. FM-AFC, stereo/mono switch.  $3\frac{3}{8} \times 1\frac{1}{4} \times \frac{3}{4}$ ". Requires "AAA" battery. Was \$24.95 in 1991 Catalog. **12-138** **19<sup>95</sup>**

(5) **Fold-Up FM Stereo.** Headset folds for easy storage in pocket or purse—weighs slightly over two ounces. FM-AFC locks in stations for best reception. Soft earcushions, fully adjustable headband. Handy rotary controls. Requires "AAA" battery. (TSP available) **12-144** **29<sup>95</sup>**

(6) **Budget AM/FM Stereo.** Listen to your favorite radio stations wherever you go! Lightweight headset has slide-action volume control for customizing the full-range stereo sound. Built-in FM-AFC for drift-free reception, rotary tuning control and AM/FM/FM stereo slide-action switch. Requires 2 "AAA" batteries. (TSP available) **12-145** **24<sup>95</sup>**



### AM/FM for Poolside And Patio Listening

Just the thing for use indoors or out. Full-range  $2\frac{1}{4}$ " speaker, rotary tuning and volume controls. With wall mounting bracket.  $5 \times 5\frac{1}{4} \times 1\frac{3}{4}$ ". Water resistant, safe battery operation. Requires 4 "AA" batteries. **12-784** **14<sup>95</sup>**

### Emergency AM/FM Radio/Lantern/Blinker

**SPORTS MATE.** A radio and a flashlight in one sturdy unit. Big  $3\frac{3}{4}$ " lens, separate flashlight and blinker switches, FM-AFC, rotary radio controls.  $6\frac{1}{4} \times 5 \times 10\frac{1}{2}$ ". Requires 4 "D" batteries. **12-205** **24<sup>95</sup>**



### Rugged All-Weather AM/FM Radio

Water and sand resistant for use almost anywhere. Reliable IC design, rotary tuning and volume. Built-in antennas.  $3\frac{3}{4} \times 5\frac{1}{4} \times 1\frac{1}{2}$ ". Requires 4 "AA" batteries. Was \$19.95 in 1991 Catalog. **12-783** **14<sup>95</sup>**

### Waterbuddy™ Floating AM/FM Radio

Don't miss your favorite AM/FM stations just because you're in the pool! Rotary tuning and on/off controls, built-in FM-AFC. For indoor or outdoor use. 8" diameter. Requires 4 "AA" batteries. **12-204** **21<sup>95</sup>**



# TUNE IN WEATHER OR MUSIC INSTANTLY



## Weatheradio/Timekube®

Receives Institute of Standards & Technology WWV time signals on 5/10/15 MHz, plus weather. Push-button crystal control—no tuning, no drift. 1 1/4 x 6 1/8 x 4 3/4". Requires 9V battery. (TSP available) 12-148

**39<sup>95</sup>**

## Pocket Weather Receiver



- The Travelling Weatherman
- Ideal for Campers and Backpackers

This reliable performer is small enough to go where you go—only 1" thin! Crystal-controlled. Built-in telescoping antenna. Wrist strap. Only 4 1/4 x 2 3/4 x 1". Requires 9V battery. 12-151

**22<sup>95</sup>**



## '30s Style AM/FM Cassette



Side-mounted Monaural Cassette Player

Nostalgic 1934 Atwater Kent replica with oak-finish wood cabinet brings back the memories. FM-AFC, lighted dial, dynamic 4" speaker. Fast-forward/eject and auto-stop. 12 3/4 x 10 1/4 x 8 1/4". UL listed AC. (TSP available) 12-697

**69<sup>95</sup>**

## Stylish Weatheradio® Cube



THE ORIGINAL

- Preset Controls
- 3" Square

Tap Play-bar to receive weather stations up to 25 miles away, tap again to turn off. Under-set volume/tuning controls. Requires 9V battery. 12-181

**17<sup>95</sup>**

## Pocket Weatheradio Alert



- Great for Travelers

Advance warning of storms almost anywhere. Weather Service station activates built-in alarm. 5 1/4 x 2 3/4 x 7/8". Requires 3 "AA" batteries. (TSP avail.) 12-143

**29<sup>95</sup>**



Side Mounted Monaural Cassette Player

## '40s Replica AM/FM Cassette

Enjoy the classic styling of a '40s table radio combined with today's solid-state reliability. Easy-to-see lighted dial, 4" speaker. Fast-forward/eject controls. Molded cabinet. 7 1/4 x 10 3/4 x 6". UL listed AC. (TSP available) 12-696

**49<sup>95</sup>**



## Desk Weatheradio Alert

Alarm from weather station warns you of approaching storms. Battery backup. 1 3/8 x 5 1/4 x 6". UL listed AC. Backup requires 9V batt. (TSP avail.) 12-140

**39<sup>95</sup>**



## Desktop Weather Receiver

Tap Play-bar for instant weather info. Low-profile design with walnut vinyl finish. Requires 9V battery or AC adapter. 1 1/2 x 5 1/4 x 3 1/2". 12-141 AC Adapter. UL Listed. 273-1431 ..... 6.95

**24<sup>95</sup>**



## Handsome AM/FM Table Radio

Realistic® MTA-15. Acoustically sealed 5" speaker, FM-AFC, tone control. Built-in antennas, terminals for external FM antenna. 6 x 10 3/4 x 4". UL listed AC. (TSP avail.) 12-695

**39<sup>95</sup>**

**REALISTIC®**  
WEATHERADIO RECEIVERS  
KEEP YOU INFORMED!

Introduced in 1968 by Radio Shack, the Weatheradio receiver is your "hotline" to the National Weather Service. It monitors local forecasts, storm warnings and traveler's advisories usually broadcast 24 hours a day on special commercial-free VHF stations in over 365 cities. All our radios (except #12-181) are crystal-controlled for drift-free reception and have up to 50-mile receiving range. These time-tested receivers have offered peace of mind to more than a million satisfied customers!

# PORTABLE SOUND FOR FUN ON-THE-RUN



## AM/FM Clock Radio for Travelers

This is the perfect backup for wakeup calls. Wakes you to FM, AM, or "beep" alarm. Pushbutton dial light, rotary tuning control,  $\frac{1}{8}$ " headphone jack, bright LCD time display and built-in folding desk stand. Telescoping FM antenna. Easily fits in a travel bag.  $3 \times 5\frac{3}{8} \times 1\frac{1}{4}$ ". Requires 2 "AA" batteries. 12-1571

**19<sup>95</sup>**



## Mini AM/FM Stereo Radio Goes Anywhere

Dual 3" speakers for big sound you can take with you. Left/right balance control. LED stereo indicator, FM-AFC,  $\frac{1}{8}$ " headphone jack, plus a handy carry strap.  $4 \times 10\frac{1}{2} \times 1\frac{1}{4}$ ". Requires 4 "AA" batteries. (TSP available) 12-722

**29<sup>95</sup>**

Adapters. AC. UL listed. 273-1454 ..... 7.95 12VDC. 14-844 ..... 6.99



## The Best Pocket Radios Are at Radio Shack

### VHF TV-Sound AM/FM

**NEW!** (1) Pocket PortaVision® Radio. Receives TV-audio on channels 2-13, plus standard FM and AM. Has  $2\frac{1}{4}$ " speaker. Includes earphone.  $5\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{3}{8}$ ". Requires 3 "AA" batteries or AC adapter. 12-614

**29<sup>95</sup>**

### Jetstream® AM/VHF-Air

(2) Hear pilots talking to control towers and other planes on 108-135 MHz band. Also tunes AM so you can enjoy news, sports, talk shows, weather updates.  $2\frac{1}{2}$ " speaker. Earphone for private listening.  $4\frac{3}{4} \times 2\frac{7}{8} \times 1\frac{5}{8}$ ". Requires 9V battery. 12-601

**19<sup>95</sup>**

### Slimline AM/FM

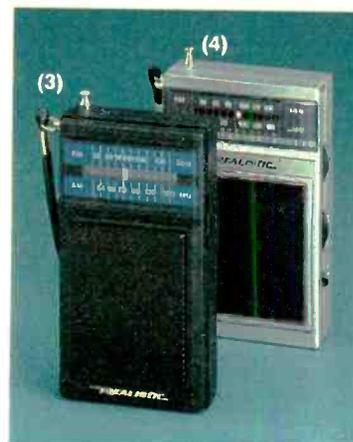
(3) Big sound, compact size, convenient rotary tuning and volume controls. Comes complete with earphone and handy wrist strap. Telescoping FM antenna.  $5\frac{5}{16} \times 2\frac{15}{16} \times 1\frac{1}{4}$ ". Requires 9V battery. 12-724

**15<sup>95</sup>**

### Our Best Pocket AM/FM

(4) Stylish aluminum trim and super-convenient rotary controls. Built-in FM/AFC locks in FM signals, hi/low tone switch,  $2\frac{1}{4}$ " speaker. Includes earphone for private listening, telescoping antenna.  $5\frac{1}{4} \times 3 \times 1\frac{1}{2}$ ". Requires 9V battery. 12-719

**19<sup>95</sup>**



## Full-Size AM/FM on a Budget

The best portable for the money! Features hi/lo tone switch for best sound on voice or music broadcasts, big slide-rule dial, FM-AFC to lock in stations, rotary tuning and a 3" speaker. With earphone. Telescoping antenna.  $7\frac{9}{16} \times 8\frac{7}{8} \times 2\frac{1}{2}$ ". UL listed AC (or 4 "C" batteries, extra). (TSP available) 12-716

**24<sup>95</sup>**



## High-Performance AM/FM

Our best full-size AM/FM portable has switchable AFC for getting the best reception of weak stations adjacent to strong ones. Slide-rule tuning dial, tone control, folding carrying handle. Includes earphone.  $7\frac{1}{4} \times 10\frac{1}{2} \times 2\frac{7}{8}$ ". UL listed AC (or 4 "C" batteries, extra). (TSP available) 12-625

**39<sup>95</sup>**



## AM/FM/TV-Sound Portable

PortaVision-40. Hear your favorite television shows on VHF-TV channels 2-13, plus FM and AM at home, the office or on the go. Full-range 4" speaker for a bold, room-filling sound, plus earphone for private listening.  $8 \times 10\frac{1}{2} \times 2\frac{5}{8}$ ". UL listed AC (or 4 "C" batteries, extra). (TSP available) 12-648

**39<sup>95</sup>**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

# KIDS LOVE 'EM! PLAY-TIME PORTABLES



## Tasty AM/FM Flavoradios®

Delicious listening with FM and AM doubles your entertainment. Each radio features FM-AFC to cut drift, 2 1/2" speaker, earphone, telescoping antenna and wrist carrying strap. Easy-to-use rotary tuning and volume controls. 4 x 3 x 1 7/16". Each requires 9V battery. **Strawberry, 12-720. Blueberry, 12-721**

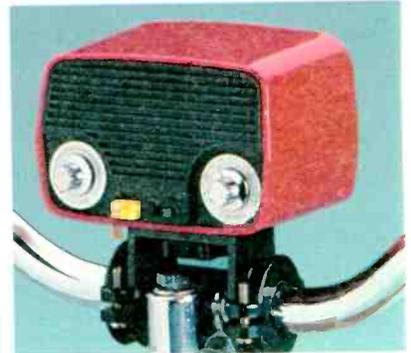
EACH  
**11<sup>95</sup>**



## Try a Delicious Flavoradio

Three flavors kids love! Colorful pocket AM radios with built-in speaker, earphone and carry strap. Sturdy molded cases. Each requires 9V battery. 4 7/8 x 2 5/8 x 1 1/2". **Blackberry, 12-201. Blueberry, 12-202. Strawberry, 12-203**

EACH  
**6<sup>95</sup>**



## AM/FM Bicycle Radio

Archer Road Patrol®. Mounts on most handlebars, yet removes easily for portable use. Built-in 3" safety reflector and horn. 2 1/2" speaker. 3 1/2 x 5 1/4 x 3 7/8". Requires 3 "C" batteries. **12-200**

**24<sup>95</sup>**



## Sing-Along AM/FM Radio

**NEW!** Kids will love to tune in their favorite radio stations and sing along with the included hand microphone. Dual speakers for big sound. Easy-to-use with large volume, tone and tuning controls. 6 1/2 x 13 7/8 x 2 5/8". Requires 4 "C" batteries. **60-2338**

**19<sup>95</sup>**

## Melody-Mate Stereo

- AM/FM Stereo Cassette Player With Headphones

**NEW!** Kids can enjoy their favorite stations and tapes anywhere. Great for playing audio books and instructional tapes. With belt-clip. 5 3/8 x 4 3/8 x 2". Requires 2 "AA" batteries. **14-853**

**34<sup>95</sup>**



## "Pettable" Portable Radios

- Fluffy AM/FM Kitty
- Furry AM/FM Terrier

**NEW!** Their built-in radios make these furry friends the perfect companions. 10" long. Each requires 9V battery. **EACH**

**21<sup>95</sup>**



## Our Durable and Easy-to-Use Players and Recorders Made Just for Kids

(1) **Radio Shack CTR-81 Stereo Cassette.** Plays through 2 1/2" speakers or included in-ear stereo phones. Built-in monaural mike for "live" recordings. End-of-tape auto-stop. Earphone compartment, carry handle. 4 1/2 x 11 3/8 x 3 3/8". Requires 4 "C" batteries or AC adapter. (TSP available) **14-840**

**39<sup>95</sup>**

(2) **Radio Shack CTR-80 Recorder/Radio.** Kids can enjoy their favorite cassettes or AM stations, even make "live" tapes—anywhere! Features end-of-tape auto-stop to protect cassettes, built-in mike and 3" speaker. Earphone jack. 7 7/8 x 9 x 2 3/8". Requires 4 "C" batteries or AC adapter. (TSP available) **14-850**

**29<sup>95</sup>**

(3) **Radio Shack CTR-63 Recorder.** Plays and records cassettes anywhere. Auto-stop turns recorder off at end of tape—saves batteries when youngsters forget to turn it off. On-top controls are easy to operate. Built-in mike. 8 1/8 x 6 7/8 x 2 1/4". Requires 4 "C" batteries or AC adapter. (TSP available) **14-846**

**27<sup>95</sup>**

(4) **Radio Shack CTP-70 Sing-Along Player.** Youngsters can accompany their favorite cassettes with the detachable mike. Oversize play, fast-forward and stop/eject buttons. Separate tape/sing-along volume controls. Auto-stop. 8 3/4 x 7 3/4 x 2 5/8". Requires 4 "C" batteries or AC adapter. **14-851**

**23<sup>95</sup>**

# CHRONOMATIC® AM/FM CLOCK RADIOS



Available  
Nov. 15, 1991

## With Built-In Tone/Pulse Dialing Phone

- Space-Saving Design Reduces Nightstand/Table Clutter

**NEW!** Chronofone®-270. Two nightstand companions in one. Phone has one-touch redial and ringer on/off control, and can be set to automatically mute radio when handset is lifted from the cradle. Clock wakes you to radio or alarm. Features 0.6" LED time display with hi/lo dimmer, snooze bar and 1-hour/59-minute sleep button, plus easy-to-use time/alarm set controls and side-mounted rotary tuning and volume controls. Has 3" speaker plus 1/8" earphone jack for late-night listening. 3<sup>3</sup>/<sub>4</sub> x 6<sup>3</sup>/<sub>4</sub> x 8<sup>1</sup>/<sub>2</sub>" with phone on **49<sup>95</sup>** UL listed AC. (TSP available) 12-1572



## Sleek Design, Built-In Night-Light

- Convenient Adjustable Brightness Control

**Chronomatic-264.** A full-featured clock radio and night-light that emits a soft nonintrusive light. Wakes you to radio or alarm, and its 0.6" LED display with p.m. and alarm indicators is easy to see, even from across a room. Has easy-to-find on-top snooze bar and sleep button, plus time-set switch with a convenient lock to prevent accidental resetting. 3" speaker. 2<sup>1</sup>/<sub>4</sub> x 10 x 5<sup>3</sup>/<sub>4</sub>". UL listed AC. (TSP available) 12-1574 **29<sup>95</sup>**



## Easy-to-Read Fluorescent Display

- Time-Lock Switch Prevents Accidental Resetting

**Chronomatic-266.** Handsome beveled front and wood-look top enhance any nightstand. Wakes you to radio or alarm. Easy-to-read soothing blue fluorescent 0.6" display with hi/lo dimmer. Has alarm and a.m. indicators. On-top snooze bar and 59-minute sleep button. Hour/minute buttons for time/alarm setting. 3" speaker, 1/8" earphone jack. 2<sup>3</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>2</sub>". UL listed AC. (TSP available) 12-1576 **29<sup>95</sup>**



## Ultramodern Wedge Shape

- Enhances Today's Hi-Tech Look

**Chronomatic-263.** Highly visible 0.9" LED display with hi/lo dimmer. Has up-front time/alarm controls, top-mounted snooze bar and 1-hour/59-minute sleep button. 2<sup>1</sup>/<sub>2</sub>" speaker. 4<sup>1</sup>/<sub>2</sub> x 8<sup>1</sup>/<sub>4</sub> x 4". UL listed AC. (TSP available) 12-1573 **27<sup>95</sup>**



## Handsome Styling

- 0.6" Display With Hi/Lo Dimmer

**Chronomatic-265.** Wake to radio or alarm. On-top snooze bar. Sleep and hour/minute buttons. Time-set/time-lock switch. 3" speaker, 1/8" earphone jack. 2<sup>3</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>2</sub>". UL listed AC. (TSP available) 12-1575 **24<sup>95</sup>**



## Wake Up to Real Value

- Small Size, Small Price, High Reliability

**Chronomatic-261.** Compact performer has top-mounted hour/minute buttons, snooze bar and 1-hour/59-minute sleep button. Easy-to-read 0.6" LED display. 2<sup>1</sup>/<sub>4</sub>" speaker. 1<sup>3</sup>/<sub>4</sub> x 7 x 4<sup>1</sup>/<sub>4</sub>". UL listed AC. (TSP available) 12-1568 **19<sup>95</sup>**

*Chronomatic*® The Brand That Gives You Top Features, Reliability and Quality for Less

You can depend on Chronomatic. Each model is designed with a full circuit for high sensitivity and precise tuning selectivity—especially important for receiving

distant signals. You'll get more stations, more clearly. And, full circuitry ensures that every Chronomatic clock displays accurate time day after day.

# ALL WITH BATTERY BACKUP/SENTINEL



## AM/FM Stereo With Dual Alarm Settings

- Wake to FM Stereo, AM or "Beep" Alarm

**NEW!** Chronomatic-272. Perfect for working couples—dual alarms let you set separate his 'n hers wakeup times. Has handsome walnut-grain finish, easy-to-read 0.6" LED time display and FM-stereo LED. Top-mounted fast/slow, forward/reverse buttons make time and alarm-setting easy. Snooze and sleep controls. Twin on-top 3" stereo speakers with separate slide-action volume controls. 1/8" stereo headphone jack. 2 3/4 x 11 x 5 1/2". UL listed **49<sup>95</sup>** AC. (TSP available) 12-1580



Available  
Oct. 15, 1991

## AM/FM With Cassette Player

- Wake Up or Fall Asleep to Your Favorite Tapes

**NEW!** Chronosette®-273. Contemporary upright design plus a 0.6" LED display with hi/lo dimmer that can be seen easily, even across a room. LED alarm and P.M. indicators. Handy top-mounted hour/minute, time/alarm set, sleep and snooze buttons. Has tape-radio, fast-forward, stop and play controls. Manual eject. 2 1/2" speaker, 1/8" earphone jack. 9 1/4 x 5 7/8 x 2 3/4". UL listed AC. (TSP avail.) **39<sup>95</sup>** 12-1581



## AM/FM Stereo With Cassette Recorder

- Built-In Mikes Can Record Ideas "Live" Anytime

Chronosette-256. Records from radio or built-in mikes and has end-of-tape auto-stop. Front-mounted tone and balance controls. Dual alarms with separate alarm "on" indicators. Has a large, easy-to-read 0.6" cool blue fluorescent display, lighted tuning dial, snooze and sleep buttons. Dual 3" speakers for great stereo sound, plus 1/8" stereo headphone jack. 4 1/2 x 13 3/4 x 6 1/4". UL listed AC. (TSP available) **79<sup>95</sup>** 12-1563



## Sleek Look, Fluorescent Display

- Lighted Dial Pointer

Chronomatic-258. Dual alarms and LED alarm "on" indicators. Bright 0.6" fluorescent display with hi/lo dimmer. Snooze and 59-minute sleep button. 3" speaker, 1/8" earphone jack. 2 1/2 x 9 1/2 x 5 1/4". UL listed AC. (TSP available) **39<sup>95</sup>** 12-1565



## Big 0.9" LED Display

- LED Indicators for Alarms

Chronomatic-267. Versatile dual alarms. Up front controls. Fast/slow, forward/reverse time and alarm set buttons. Snooze, sleep buttons. 3 1/2" speaker, 1/8" earphone jack. 3 x 11 x 7". UL listed AC. (TSP available) **44<sup>95</sup>** 12-1577



## Handy Up-Front Controls

- Fluorescent Alarm "On" Indicators

Chronomatic-268. Dual alarms, 0.6" fluorescent display. Fast/slow, forward/reverse, hour/minute buttons. Snooze and sleep controls. 3 1/2" speaker, 1/8" earphone jack. 3 x 11 x 7". UL listed AC. (TSP available) **47<sup>95</sup>** 12-1578



## Battery Backup During AC Power Failure

If AC power fails, backup system keeps clock running up to eight hours, without display, and operates alarm at the preset time.



## Exclusive Battery Sentinel® System

Automatically tests the backup battery daily. Battery Sentinel LED lights up to warn you if battery is weak or not in place.

USE OUR ENERCELL® EXTRA-LIFE 9V BATTERY #25-583 (NOT INCLUDED) FOR PROPER BATTERY BACKUP/SENTINEL OPERATION

# PROGRAMMABLE SCANNING RECEIVERS



## Our Best! 400-Channel, 2-Speed Hyperscan

- Military/Commercial Air Bands

Realistic® PRO-2006. Enjoy access to over 196,000 frequencies, including 800-MHz police/emergency, CB, FM, TV audio, even military aircraft. Hyperscan™ system doubles scanning speed to 26 channels per second—scan 400 channels in about 15 seconds. Ten 40-ch. memory banks, 10-ch. temporary bank and favorite-channel priority. Auto/manual mode/step selection. Covers 25-520, 760-823, 851-868 and 896-1300 MHz. Jacks: tape out, 1/8" headphone, external speaker, BNC antenna. Memory backup requires 9V battery. UL listed AC (or **399<sup>95</sup>** 12VDC cord, extra\*).

20-145 . . . . . Low As \$15 Per Month



## 200-Channel, Aircraft Band, Search, Priority

- 800 MHz Police/Emergency Band

Realistic PRO-2022. Gives you access to over 32,000 frequencies. Features ten 20-channel memory banks, a 10-channel monitor bank for temporary storage, and priority. Covers 30-54, 108-136, 138-174, 380-512, 806-823, 851-868 and 896-960 MHz in 10 bands. Jacks: 1/8" headphone, external speaker, BNC antenna. Memory backup requires 9V battery. UL listed AC (or **299<sup>95</sup>** 12VDC cord, extra\*).

20-127 . . . . . Low As \$15 Per Month

Mobile Mounting Bracket.\* For 20-127 and 20-145. Special order (CMC). 20-0001 .. 24.95

## REALISTIC® Scanner Radios Make Your Home "Command Headquarters"

Realistic scanners bring you the most exciting listening of all—local events as they happen, not hours later through an edited newscast. You'll hear police and fire departments at work, ambulances, amateur radio, weather, Amtrak and freight trains, taxis, plus government, military, marine and business services. Scanners covering the 108-136 MHz or 200-300 MHz AM bands also receive commercial and military aircraft. (All other bands are FM.) Programmable scanners offer keyboard entry of frequencies and have memories to store your favorite channels—you'll never have to buy crystals. Scanners on these two pages also feature a backup system to preserve memory, so you'll never lose programmed frequencies due to power outages or while moving your scanner to another AC outlet. Many Realistic scanners have special features such as a search function to automatically

find new or unpublicized frequencies and a priority function which automatically shifts to your selected favorite frequency whenever it is active. Our exclusive Zeromatic® tuning system locks precisely on—not "around"—the active frequency for best possible reception. All feature electronic individual-channel lockout to bypass unwanted channels, selectable manual/scan modes, and scan-delay to lock receiver on-channel for two seconds after a transmission so you're sure to hear the reply. Easy-to-read multi-function LED/LCD displays make programming easy. Ready to use with built-in speaker, rotary volume control, and squelch control to ensure noise-free operation between messages. All have a detachable indoor antenna plus a jack for adding an outdoor or mobile antenna (see page 50). Mobile scanners require 12VDC neg. gnd for in-vehicle use.\*

# CATCH THE NEWS IN PROGRESS—UNEDITED



## 8-Channel, VHF-Hi/UHF, WX Search

**NEW!** Realistic PRO-59. Small size, but big performance. Direct keyboard access to over 20,000 frequencies. Weather search automatically seeks current National Weather Service broadcasts. Covers 137-174 and 406-512 MHz in six bands. Jacks for external antenna and speaker. UL listed AC adapter. **99<sup>95</sup>**  
 20-401 ..... Low As \$15 Per Month



## 10-Channel, VHF/UHF Hi/Lo, Full Display

**NEW!** Realistic PRO-58. Backlit LCD display shows both the channel and frequency. Gives you direct access to over 22,000 frequencies. Scan or manually select channels. Features scan-delay to prevent missed replies, channel-lockout key and squelch control. Covers 30-54, 138-174 and 380-512 MHz. Jack for external antenna. UL listed AC adapter (or 12VDC cord, extra\*). **129<sup>95</sup>**  
 20-400 ..... Low As \$15 Per Month

\*Mobile use of scanners may be unlawful in some areas or require a permit—check with local authorities



## 20-Channel, Air, Weather Search

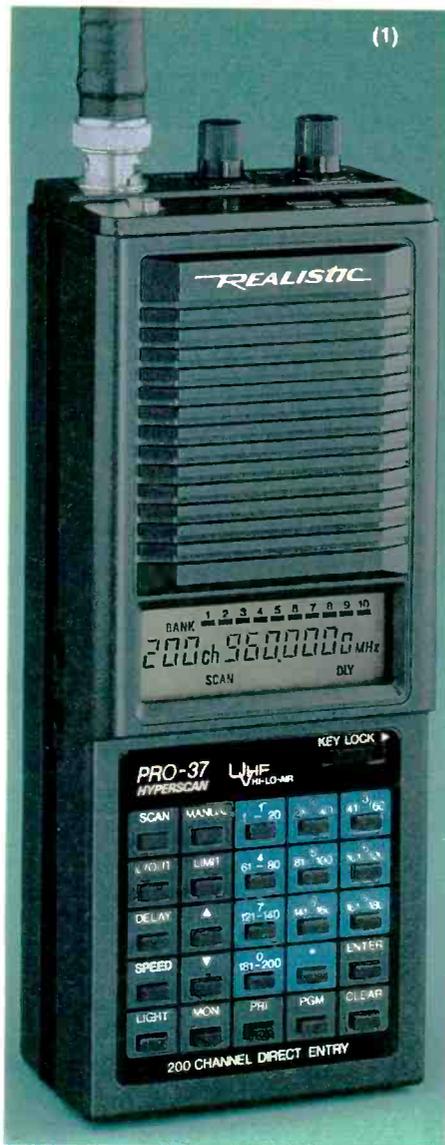
Realistic PRO-2023. Access to over 22,000 frequencies, including 108-MHz aircraft band. One touch tunes local National Weather Service broadcasts. Features search, priority and temporary-storage monitor bank. Covers 29-54, 108-174 and 406-512 MHz. Jacks for external antenna and 1/8" headphone/speaker. UL listed AC. Was \$169.95 in 1991 Catalog. **NEW LOW PRICE!** **159<sup>95</sup>**  
 20-128, Low As \$15 Per Month



## 60-Channel, Search and Monitor Bank

Realistic PRO-2024. Direct access to over 23,000 frequencies. Features 60-channel memory, plus temporary-storage monitor bank for six frequencies found during search. Has 2-speed scan/search, priority and channel-lockout. Covers 30-54, 118-136, 138-174 and 380-512 MHz. Jacks for external antenna and 1/8" headphone/external speaker. UL listed AC. Was \$199.95 in 1991 Catalog. **NEW LOW PRICE!** **179<sup>95</sup>**  
 20-129 ..... Low As \$15 Per Month

# PORTABLE\* PROGRAMMABLE SCANNERS



## Our Best Handheld! 200 Channels, HyperScan & 800-MHz Coverage

- HyperScan™ High-Speed Scan and Search With Selectable 26 Channels-Per-Second Or 8 Channels-Per-Second Speeds
- Keyboard Access to Over 31,000 VHF and UHF Frequencies—No Crystals to Buy

**NEW!** (1) Realistic® PRO-37. Scans up to 200 channels in 10 individually selectable "banks". Also searches, at 50 channels per second or eight channels per second, to find new or unpublicized channels. A 10-channel monitor bank stores frequencies found during search. Has selectable priority channel, 2-second scan delay to prevent missed replies, channel lockouts. Crystal and ceramic IF filters cut signal interference. Switchable backlight. Memory backup for battery change. Detachable flex antenna, BNC antenna jack, earphone jack. Belt clip. 6 1/2 x 2 3/4 x 1 13/16". Requires 6 "AA" or rechargeable batteries or AC or DC adapter. (TSP available)

20-138 . . . . . Low As \$15 Per Month

**299<sup>95</sup>**

**COVERAGE:** 30-50 MHz VHF-L0, 50-54 MHz 6m Ham, 108-136.975 MHz AM Air, 137-144 MHz Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 380-450 MHz 70cm Ham/Gov't., 450-512 MHz UHF-L0/Hi, 806-823.9375 MHz, 851.1125-868.9375 MHz and 896.1126-960 MHz

## 100 Channels Plus Rechargeable Batteries and AC Adapter/Charger

- Keyboard Access to 20,000 Frequencies
- One-Button Access to Weather Service
- Search Mode ■ Favorite-Channel Priority

**NEW!** (2) Realistic PRO-35. Channels are stored in 10 banks. Weather key provides instant reception of local weather service. Priority mode shifts to your favorite channel whenever it's active. Search mode lets you find new or unpublicized services. Monitor bank makes it easy to store channels found during search. Also has selectable 2-second scan delay, channel lockouts, and switchable backlight. Detachable flexible antenna, BNC antenna jack, earphone jack. Includes belt clip, detachable rechargeable nickel-cadmium battery pack and UL listed AC adapter/charger. 7 1/16 x 2 3/4 x 1 3/8". (TSP available)

20-136 . . . . . Low As \$15 Per Month

**229<sup>95</sup>**

**Extra Rechargeable Battery Pack.** Special Order (CMC) 20-003 . . 49.95

**COVERAGE:** 29-29.7 MHz 10m FM Ham, 29.7-50 MHz VHF-L0, 50-54 MHz 6m Ham, 108-136.975 MHz AM Air, 137-144 MHz Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 406-450 MHz 70cm Ham/Gov't., 450-470 MHz UHF-L0, 470-512 MHz UHF-Hi

### OFFICIAL AERONAUTICAL Frequency Directory



## Official Aeronautical Frequency Directory

- Covers HF, VHF and UHF Aviation Radio Frequencies in the USA
- Alphabetical Listing by Community

**NEW!** Lists FCC-authorized aircraft-related frequencies. Has frequency allocation charts, domestic and international air carrier designators. Over 400 pages. Available on special order from CMC. 62-1030

**21<sup>95</sup>**



## "Police Call" Frequency Guides

Available on Special Order From CMC

Vol.	States Covered	Cat. No.	Each
1	CT, ME, MA, NH, NY, RI, VT	62-1041	9.95
2	DE, MD, NJ, PA	62-1042	9.95
3	MI, OH	62-1043	9.95
4	IL, IN, KY, WI	62-1044	9.95
5	IA, KS, MN, MO, NE, ND, SD	62-1045	9.95
6	DC, FL, GA, NC, SC, VA, WV	62-1046	9.95
7	AL, AR, LA, MS, OK, TN, TX	62-1047	9.95
8	AZ, CO, ID, MT, NM, NV, WY	62-1048	9.95
9	CA, OR, WA	62-1049	9.95

# MONITOR THE ACTION WHEREVER YOU GO!

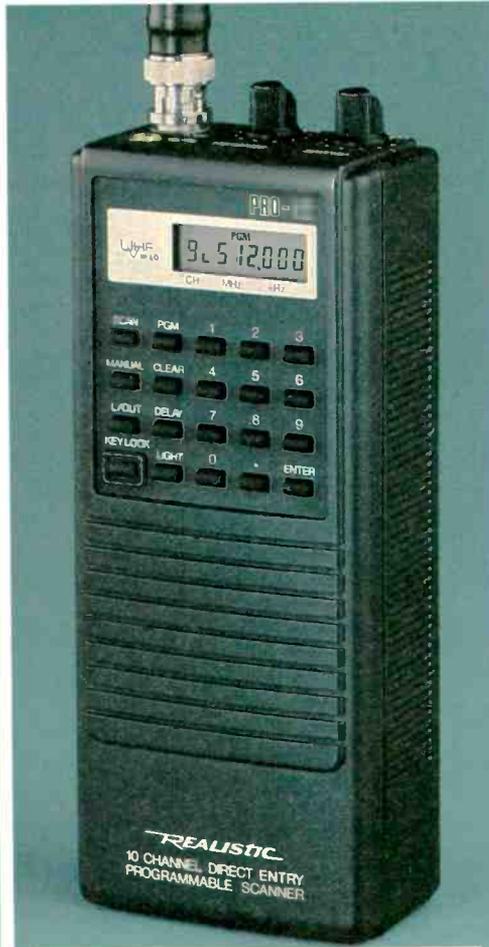


## 20 Channels & Search

- Keyboard Access to Over 24,000 Frequencies, including Air Band
- Search Mode Makes it Easy to Find New and Unpublicized Channels

**Realistic PRO-36.** Scans up to 20 channels and the frequency-tracking front-end assures top sensitivity on all bands. Channel lockout key lets you temporarily bypass channels. Switchable 2-second scan delay prevents missed replies. Multifunction LCD display with backlight. Keyboard lock button. Memory backup circuit for changing batteries. Includes detachable flex antenna and belt clip. BNC antenna jack, earphone jack. 6 1/2 x 2 5/8 x 1 5/8". Requires 6 "AA" or rechargeable batteries or AC or DC adapter. (TSP available) **199<sup>95</sup>**

20-137 ... Low As \$15 Per Month  
 COVERAGE: 30-50 MHz VHF-Lo, 50-54 MHz 6m Ham, 108-136.975 MHz AM Air, 137-144 MHz Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 380-450 MHz 70cm Ham/Gov't., 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi

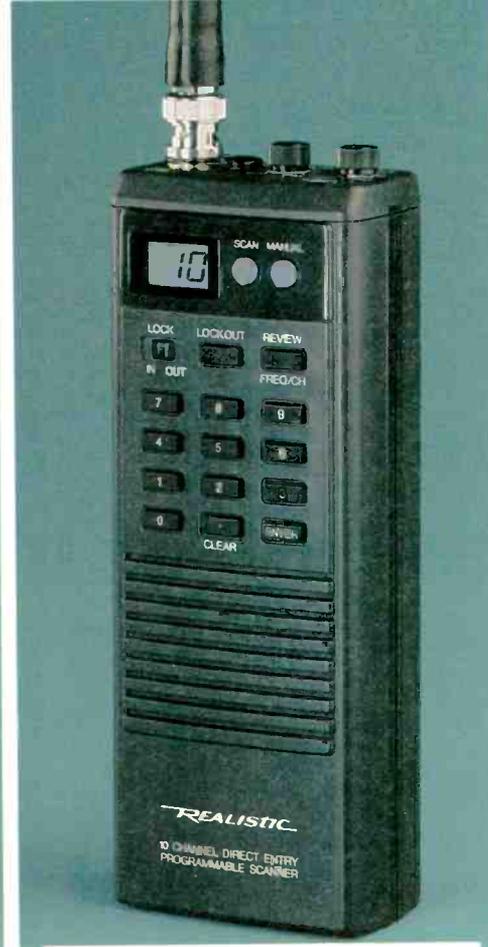


## 10 Channels, Full Display

- Direct Keyboard Access to 22,000 VHF/UHF Action Frequencies
- Multifunction LCD Display Indicates Channels, Frequencies and Modes

**NEW!** Realistic PRO-42. Hear local news as it happens! This scanner features a multifunction LCD display with switchable backlight for night viewing. You can scan up to 10 channels or continuously monitor any channel. Lockout button lets you temporarily bypass any channels. Selectable 2-channel scan delay prevents missed replies during scanning. Has keyboard lock control, detachable flex antenna, BNC antenna jack, earphone jack. 7 x 2 1/4 x 1 5/8". Requires 6 "AA" or rechargeable batteries or AC or DC adapter. (TSP available) **139<sup>95</sup>**

20-302 ... Low As \$15 Per Month  
 COVERAGE: 30-50 MHz VHF-Lo, 50-54 MHz 6m Ham, 138-144 MHz Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 380-450 MHz 70cm Ham/Gov't., 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi



## 10 Channels, Auto-Delay

- Direct Keyboard Access to Over 20,000 VHF/UHF Frequencies
- Automatic 3-Second Scan Delay Prevents Missed Replies

**NEW!** Realistic PRO-41. Easy operation and famous Realistic quality at low cost! Features a multifunction LCD display with a review key to display frequencies. You also get a lockout key to temporarily bypass any channels and audible low-battery indicator. The keyboard lock switch prevents accidental entries as you move about. With belt clip, detachable flex antenna, BNC antenna jack, plus jacks for adding earphone and power adapters. 7 3/8 x 2 5/8 x 1 3/8". Requires 5 "AA" or rechargeable batteries or AC or DC adapter. (TSP available) **119<sup>95</sup>**

20-301 ... Low As \$15 Per Month  
 COVERAGE: 29-50 MHz VHF-Lo, 50-54 MHz 6m Ham, 137-144 MHz Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 406-450 MHz 70cm Ham/Gov't., 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi

# MOBILE SCANNER, RECEIVER & ANTENNAS



## 16-Channel Mobile\* Scanner

■ Monitor Police, Fire, Hams, Weather, Taxis, Railroads and More While You Drive

**Realistic PRO-2025.** No crystals to buy! You get keyboard access to over 20,000 frequencies. Priority mode locks in your favorite channel whenever it's active. One-touch Weather Search finds local weather station wherever you drive. Lockout key temporarily bypasses one or more channels while scanning. Memory backup. Built-in speaker. Jack for adding external speaker. With mobile bracket, DC cord. 1 3/4 x 5 1/2 x 6 7/8". 12VDC neg. gnd. (TSP available) **20-146 . . . Low As \$15 Per Month 139<sup>95</sup>**

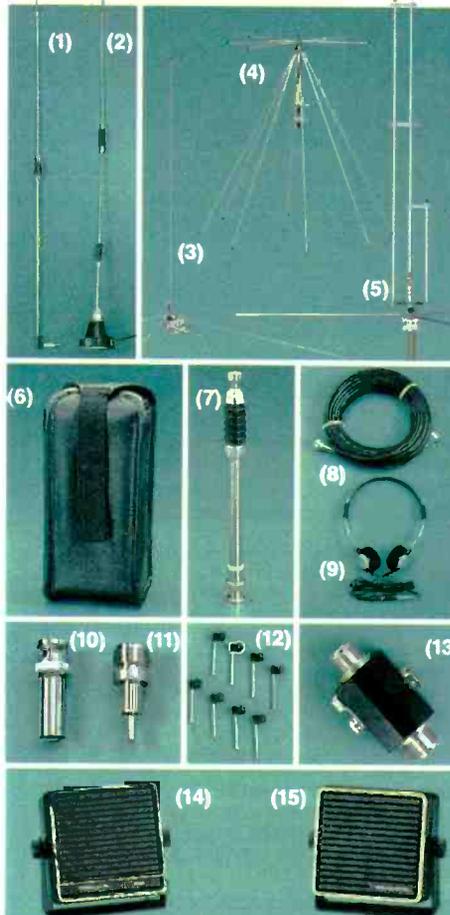
**Coverage:** 29-29.7 MHz 10m FM Ham, 29.7-50 MHz VHF-Lo, 50-54 MHz 6m Ham, 137-144 MHz VHF Gov't., 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 406-450 MHz Gov't./70cm Ham, 450-512 MHz UHF-Lo/HI.



## Pocket\* 2-Channel VHF/UHF Receiver

■ 144-174 MHz ■ 450-512 MHz  
■ Ideal Personal Receiver for Police and Fire Personnel

**Realistic® PRO-27.** Just right if you only need to monitor a couple of "action" channels. Has a squelch control to silence the receiver between calls, A/B channel switch, built-in speaker and jack for adding earphone. Belt clip, removable flexible antenna. 4 5/8 x 2 3/4 x 1 1/16". Requires crystal for each channel and 9V battery. **20-108 49<sup>95</sup>** Crystals. Specify frequency, Ea. 4.95



## Performance-Boosting Antennas and Accessories

- (1) Indoor Plug-In All-Band Scanner Antenna. With Motorola-type plug. 20-161 . . . . . **9.95**
- (2) Magnetic-Mount Mobile Scanner Antenna. With 16-ft. cable, Motorola-type plug. 20-012 . . . . . **29.95**
- (3) VHF-Hi/Air/UHF Scanner Base Antenna. Accepts PL-259 plug. 20-176 . . . . . **14.95**
- (4) Discone Scanner/Ham Antennat. Receives 25-1300 MHz. Accepts PL-259. 20-013 . . . . . **59.95**
- (5) All-Band Base Antenna. Accepts PL-259 connector. Cable extra, below. 20-014 . . . . . **29.95**
- (6) Portable Scanner Case. Protects your handheld scanner. With belt loop. 20-004 . . . . . **9.95**
- (7) Center-Loaded Scanner/Ham Whip Antennat. Receives 25-1300 MHz. BNC connector. 20-006, **9.99**
- (8) 50-ft. Coax Cable Assembly. RG-58 cable with PL-259 plug on each end. 278-971 . . . . . **13.99**
- (9) Communications Headset. Monaural. With 1/4" and 1/8" plugs. 20-210 . . . . . **9.95**
- (10) Scanner Antenna Plug Adapter. Accepts Motorola-type plug. Fits BNC jack. 278-117 . . . **2.99**
- (11) Scanner Antenna Plug Adapter. Accepts PL-259 plug. Fits Motorola-type jack. 278-208 . . . . . **1.79**
- (12) RG-58 Nail-In Clips. 20-192 . . . **Pkg. of 10/99¢** Above for RG8 Cable. 20-193 . . . . . **Pkg. of 6/99¢**
- (13) Antenna Surge Absorber. Gas discharge tube. Rated 500W PEP, DC to 500 MHz. 20-021 . . . **19.95**
- (14) **NEW!** Amplified Speaker. 4" speaker/7.5-watt amp for extra volume from mobile scanner, Ham radio, cellular phone, CB. 12VDC neg. gnd. 21-541, **23.95**
- (15) Extension Speaker. 4" speaker, 10-ft. cable with 1/8" plug. Handles 5 watts. With bracket. 21-549, **13.95**

\*Also for transmitting on 144, 220, 440, 1296 MHz Ham bands.

# TUNE IN WORLD HOTSPOTS ON A PORTABLE

## Our Best World-Band Radio! AM/FM/LW/Shortwave

■ Digital Tuning ■ Dual-Time LCD Display  
 ■ Easy-to-Program 45-Station Memory ■ BFO  
**NEW!** Realistic DX-390. Our finest-ever SW portable! Continuous 150 kHz to 29.999 MHz AM/SSB-CW coverage and local FM stereo. Memory provides one-touch tuning for 18 SW stations, and nine each on AM, FM and LW. Adjustable-pitch BFO lets you hear Hams and other services using SSB voice and CW (code). LCD displays frequency, modes, dual times. Has scan tuning, clock-radio wake and "sleep" auto-shutoff, AM bandwidth and RF-gain controls, 4" monaural speaker. Jacks: stereo headphone, external antenna and DC power. 7<sup>9</sup>/<sub>16</sub> x 11<sup>5</sup>/<sub>16</sub> x 2<sup>1</sup>/<sub>16</sub>". Requires 3 "AA" and 4 "C" batteries or AC or DC adapter. (TSP available) **239<sup>95</sup>**  
 20-214 .... Low As \$15 Per Month



### Budget 12-Band Receiver

**Realistic DX-350.** This ultracompact portable tunes AM, FM, longwave and nine individually selectable international shortwave broadcast bands. Easy to use. This is a great radio for anyone traveling or serving overseas. Features slide-action band selectors, LED tuning indicator, built-in speaker, jacks for adding headphone and external power. 4<sup>1</sup>/<sub>8</sub> x 6<sup>15</sup>/<sub>16</sub> x 1<sup>9</sup>/<sub>16</sub>". **NEW! LOW PRICE!**  
 Requires 4 "AA" batteries or AC or DC adapter. Was \$69.95 in 1991 Catalog. **59<sup>95</sup>**  
 (TSP available) 20-209

### Digital Tuning 4-Band

**Realistic DX-370.** All-pushbutton digital tuning with LCD frequency display and 24-hour clock. Tunes 3.2-7.3 and 9.5-21 MHz shortwave, AM, and FM stereo. Memory for 10 SW stations and five each on AM/FM. Also works as a portable clock radio with wake and "sleep" auto-shutoff functions. Monaural speaker. Jacks for adding stereo headphone and external power. 4<sup>7</sup>/<sub>16</sub> x 6<sup>1</sup>/<sub>16</sub> x 1<sup>9</sup>/<sub>16</sub>". Requires 4 "AA" batteries or AC or DC adapter. (TSP available) **119<sup>95</sup>**  
 20-211 ... Low As \$15 Per Month

### Direct Channel Entry and SSB

**Realistic DX-440.** Precise digital tuning with full 150 kHz-29.999 MHz AM/CW-SSB coverage and FM stereo. Has LCD frequency/time display and 9-station memory. Also works as a portable clock radio with wake and "sleep" auto-shutoff. Has RF-gain, BFO pitch, FM mono/stereo and AM bandwidth controls. Monaural speaker. Jacks: stereo headphone, ext. antenna, power. 6<sup>1</sup>/<sub>2</sub> x 11<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>4</sub>". Requires 2 "AA" and 6 "D" batteries or AC or DC adapter. (TSP available) **199<sup>95</sup>**  
 20-221 .... Low As \$15 Per Month

## Shortwave Listening is Easy With a Realistic Voice of the World® Radio

Interesting, Educational, Incredible Variety! Imagine hearing the news—in English or a foreign language—from London, Moscow, Tokyo, Jerusalem and other major cities. Today, you might hear music and a soccer match from South America. Tonight, a religious broadcast from Cairo or Boston. Tomorrow, you could be among the first to learn about major events. Shortwave lets you keep up with news where relatives are traveling or working. It's a welcome link

to home for anyone serving overseas. Shortwave is helpful for language students, too. Models DX-440 and DX-390 take you even further with SSB voice and code reception. You'll hear Hams worldwide, ships at sea and more. Listening to shortwave is unlike listening to local broadcasts. Reception conditions vary and you don't always get every station every day—just one more reason why shortwave is an interesting hobby, an exciting challenge, and fun!

# OPTIMUS® HIGH-POWER CAR CD PLAYERS



## In-Dash AM/FM Stereo CD Player With Pull-Out Chassis

**NEW!** Optimus Live in Concert!™ performance in a design that lets you stop worrying about theft. High-power amplifier delivers 16 watts per channel and has a fader control to balance 4-speaker systems. Line-out jacks let you add an external amplifier for even more power. CD player features 4x oversampling, anti-shock design and operates automatically—just insert a disc to play. You can program up to 16 CD selections to play in any sequence, or use random

play to shuffle the selections for variety. Intro-scan plays first 10 seconds of each track. You also get auto-search, audible search, quick-return and repeat functions. Digital-electronic tuner has 12 FM and six AM presets, auto memory storage, seek, memory-scan sampling, FM stereo/mono, local/DX controls. Separate bass, treble and loudness controls, multifunction LCD display. DIN-E (flat-face) size. (TSP available) 12-1987 . . . Low As \$15 Per Month

**359<sup>95</sup>**



Store It in Trunk or Take It With You for Safekeeping



### No Need to Remove Your Existing System

Nothing to Tear Out of Your Dash! CD-36 is the Easy Way To Add High-Power CD to Any AM/FM Stereo Cassette System



## Under-Dash CD Player With Powerful 36-Watt Amplifier

Optimus CD-36. Dynamite CD stereo sound and features in a compact under-dash chassis. This player will operate independently with its powerful 18-watt-per-channel amp—just add speakers. Or, you can connect it to almost any existing car stereo. It switches in your speakers automatically when you play a CD. Line-out jacks let you add a power amplifier, too. You get the superior sound of 4x oversampling and easy operation—just insert a CD to play. Features an effective anti-shock design and Tri-Spot laser tracking. Has handy pause, auto-search, audible search functions and a large LCD track/elapsed time display. Plugs into all Radio Shack car audio players. (Others may require a plug adapter.) Only 2<sup>1</sup>/<sub>16</sub> x 6<sup>7</sup>/<sub>16</sub> x 7<sup>5</sup>/<sub>16</sub>". (TSP avail.) 12-1941, Low As \$15 Per Month

**349<sup>95</sup>**

# FLAT-FACE\* AM/FM STEREO CASSETTES

## Auto-Reverse, 30 Watts, Dolby™ B

Optimus® high-power stereo with a 15-watt-per-channel amp, front/rear fader, 1/8" CD jack, line in/out. Digital-electronic tuner has 18 FM/12 AM presets, automatic station storage, memory-scan sampling, LCD tuning/clock display, FM local/DX control. Cassette Dolby B noise reduction, auto-search, metal/chrome selector, locking fast-forward/rewind and key-off release. Night illumination. Was \$259.95 in 1991 Catalog. (TSP avail.) 12-1938 . . . Low As \$15 Per Month

NEW LOW PRICE!  
**219<sup>95</sup>**



## Auto-Reverse, 30 Watts, 30 Presets

**NEW!** What a value! 15-watt-per-channel amp, fader, line in/out, front-panel 1/8" CD jack. Digital-electronic tuner has 18 FM and 12 AM presets, automatic station storage, memory-scan sampling, seek and 1 3/8 x 1 9/16" LCD tuning/clock display, FM local/DX control and FM signal enhancer. Cassette metal-chrome selector, locking fast-forward/rewind and key-off release. Night illumination. (TSP avail.) 12-1945 . . . Low As \$15 Per Month

**179<sup>95</sup>**



## 30 Watts, 30 Presets, Large Display

Sensational 15-watt-per-channel sound with front/rear speaker fader, 1/8" CD jack, line in-out for adding a line-level EQ or power amp. Digital-electronic tuner has 18 FM and 12 AM presets, 1 5/16 x 1 11/16" LCD tuning/clock display, automatic memory storage of strong stations, memory-scan sampling, automatic FM stereo/mono switching and local/DX control for best reception. Cassette auto-stop, metal-chrome selector. Night illumination. (TSP available) 12-1940 . . . Low As \$15 Per Month

**149<sup>95</sup>**



## Auto-Reverse, Fader, Large Display

Auto-reverse plays both tape sides in sequence. Digital-electronic tuner has 12 FM/six AM presets, and stores strong stations automatically. Memory scan provides a brief sample of preset stations. 1 5/16 x 1 11/16" LCD tuning/clock display, seek and scan, FM mono/stereo control and automatic FM local/DX switching. Locking fast-forward/rewind. Amplifier has front/rear speaker fader, line in/out. 10 watts total output. Night illumination. (TSP available) 12-1942 . . . Low As \$15 Per Month

**149<sup>95</sup>**



## 30 Presets, CD Jack, Large Display

Big features at a low price! Has multifunction 1 5/16 x 1 1/2" LCD tuning/clock display, presets for 18 FM and 12 AM stations. Digital-electronic tuner stores strong stations automatically. Has memory-scan sampling, seek and scan tuning, automatic FM local/DX and stereo/mono switching, FM signal enhancer circuit. Cassette metal-chrome tape selector, auto-stop. Front/rear fader. Front-panel 1/8" CD jack. 8 watts total output. Night illumination. (TSP available) 12-1948 . . . Low As \$15 Per Month

**119<sup>95</sup>**



\*FLAT-FACE (DIN-E) CHASSIS FITS THE SINGLE RECTANGULAR DASH OPENING IN MANY LATE-MODEL VEHICLES / DOLBY™ LABORATORIES LICENSING CORP.

# HIGH-POWER LCD STEREO CASSETTES



## 44 Watts! Auto-Reverse, 30 Presets, Dolby™ B NR

- High-Performance Tuner, Our Best!
- Tuning/Clock Display ■ CD Jack

**NEW!** Optimus® Live in Concert!™ stereo with 22 watts per channel, loudness control, remote-mount 1/8" CD jack, line in/out. Digital-electronic tuner has 18 FM, 12 AM presets, automatic memory storage, one-touch memory-scan sampling, FM stereo/mono control, auto local/DX and signal-enhancer. Cassette has auto-reverse, Dolby B NR, auto-search, metal tape selector, locking fast-forward/rewind, key-off release. Night illumination. (TSP available) **199<sup>95</sup>** 12-1944 ..... Low As \$15 Per Month



## Auto-Reverse, 28 Watts, Dolby B NR

- Tuning/Clock Display ■ Auto-Search ■ Key-Off Auto-Eject

Optimus. 14 watts per channel, remote 1/8" CD jack, line-out jacks. Seek and scan, six FM, six AM Presets, FM signal-enhancer. Locking fast-forward/rewind, metal tape selector. Was \$199.95 in 1991 Catalog. (TSP avail.) 12-1936 .... Low As \$15 Per Month **179<sup>95</sup>**



## Auto-Reverse, 28 Watts, EQ, 30 Presets

- 5-Band Equalizer for "Custom" Sound ■ Tuning/Clock Display

**NEW!** 14 watts per channel, line-out jacks. 18 FM, 12 AM presets, seek, scan, auto local/DX and stereo/mono for great FM. Locking fast-forward/rewind, key-off release. Amber night illumination. (TSP available) 12-1949 ..... Low As \$15 Per Month **159<sup>95</sup>**



## Auto-Reverse, 28 Watts

- 30 Presets ■ Big Tuning/Clock Display

**NEW!** 14 watts per channel, line-out jacks, auto-loudness. Auto memory, memory-scan, auto FM stereo/mono, FM signal enhancer. Locking fast-forward/rewind, key-off release. Night illumination. (TSP available) **149<sup>95</sup>** 12-1946 ..... Low As \$15 Per Month



## Auto-Reverse, Seek and Scan

- 12 Presets ■ Big Tuning/Clock Display

Auto-reverse and digital-electronic tuning at low cost! Has six FM, six AM presets, FM signal-enhancer circuit and FM stereo/mono control. Locking fast-forward/rewind, tape direction indicators. 10 watts total output. (TSP avail.) 12-1943 ..... Low As \$15 Per Month **139<sup>95</sup>**



## 28 Watts, Seek and Scan

- Tuning/Clock Display ■ 12 Tuning Presets

14 watts per channel, auto-loudness. The digital-electronic tuner has six FM, six AM presets, FM signal enhancer, auto local/DX, stereo/mono control. Auto-stop, locking fast-forward/rewind, metal tape selector. Night illumination. (TSP avail.) 12-1939, Low As \$15 Per Month **129<sup>95</sup>**

# RADIO SHACK VALUE-PACKED CAR STEREO



## Compact Under-Dash Stereo Cassettes

(1) **With Auto-Stop.** Good sound and all the basic cassette features in a chassis that fits under nearly any dash—only 1<sup>1</sup>/<sub>16</sub>" high, 5<sup>1</sup>/<sub>2</sub>" wide and 5<sup>1</sup>/<sub>2</sub>" deep. Auto-stop protects cassettes and player. Convenient locking fast-forward/eject control. With cable for two speakers, mounting hardware and instructions. (TSP available) 12-1984 **34<sup>95</sup>**

**NEW!** (2) **With Auto-Reverse and Auto-Search.** No need to eject and turn over cassettes! Auto-reverse plays both sides of tapes automatically for uninterrupted listening. Auto-search system makes it easy to find selections, advance to the start of the next selection or repeat a selection. You also get convenient locking fast-forward/rewind controls, LED direction indicators. Rotary volume, tone and balance controls. 1<sup>3</sup>/<sub>4</sub> x 5<sup>5</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>16</sub>". With cable for two speakers, mounting hardware, instructions. (TSP available) 12-1986 **69<sup>95</sup>**



## In-Dash AM/FM Stereo Cassette Players

**NEW!** (1) **Digital-Electronic Tuner With Six FM/Six AM Presets.** Pushbutton seek and scan modes. Has large LCD tuning/clock display, FM signal enhancer, auto local/DX switching and stereo/mono control for best FM. Cassette has auto-stop, locking fast-forward. Front/rear speaker fader. Night illumination. 10 watts total output. (TSP available) 12-1947 . . . . **Low As \$15 Per Month 99<sup>95</sup>**

(2) **Auto-Reverse, Compact Size.** Feature packed, fits a wide variety of vehicles. Has program control to change tape direction, LED direction indicators, separate locking fast-forward and rewind controls. FM stereo/mono control for best reception, lighted dial. Eight watts total output. (TSP available) 12-1928 **89<sup>95</sup>**

(3) **Our Lowest Priced In-Dash Stereo.** Mini-size chassis fits dash of most cars. Cassette has auto-stop, locking fast-forward/manual eject control. FM mono position for best reception, LED FM stereo indicator, lighted dial. Rotary volume, tone, tuning and balance controls. Eight watts total output. (TSP available) 12-1927 **59<sup>95</sup>**

## HANDY INSTALLATION INFORMATION FOR OUR IN-DASH CAR STEREO EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nosepiece Size (H x W x D)		Control Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1927 ✓	Mini/Universal*	1 <sup>31</sup> / <sub>32</sub> x 6 <sup>7</sup> / <sub>16</sub> x 4 <sup>5</sup> / <sub>8</sub>	50 x 164 x 120	1 <sup>21</sup> / <sub>32</sub> x 3 <sup>11</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>8</sub>	42 x 92 x 35	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1928 ✓	Mini/Universal*	1 <sup>31</sup> / <sub>32</sub> x 6 <sup>7</sup> / <sub>16</sub> x 4 <sup>5</sup> / <sub>8</sub>	50 x 164 x 120	1 <sup>21</sup> / <sub>32</sub> x 3 <sup>11</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>8</sub>	42 x 92 x 35	5 to 5 <sup>13</sup> / <sub>16</sub>	125 to 148
12-1936 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>3</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> x 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1938	DIN-E (FF)	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>4</sub>	50 x 178 x 145	(no nosepiece)	—	(no shafts)	—
12-1939 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>21</sup> / <sub>32</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	42 x 105 x 33.5	5 <sup>1</sup> / <sub>8</sub> " to 5 <sup>13</sup> / <sub>16</sub> "	130 to 140
12-1940	DIN-E (FF)	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	(no nosepiece)	—	(no shafts)	—
12-1942	DIN-E (FF)	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>7</sup> / <sub>8</sub>	50 x 178 x 150	(no nosepiece)	—	(no shafts)	—
12-1943 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>21</sup> / <sub>32</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>8</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1944 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>21</sup> / <sub>32</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1945	DIN-E	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>7</sup> / <sub>8</sub>	50 x 178 x 138	(no nosepiece)	—	(no shafts)	—
12-1946 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>3</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1947 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>3</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1948	DIN-E (FF)	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	(no nosepiece)	—	(no shafts)	—
12-1949 ✓	DIN-C	1 <sup>31</sup> / <sub>32</sub> x 7 <sup>1</sup> / <sub>16</sub> x 5 <sup>9</sup> / <sub>16</sub>	50 x 178 x 135	1 <sup>3</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	44 x 105 x 33	5 <sup>1</sup> / <sub>8</sub> to 5 <sup>13</sup> / <sub>16</sub>	130 to 148
12-1987	DIN-E (FF)	2 <sup>1</sup> / <sub>8</sub> x 7 <sup>1</sup> / <sub>32</sub> x 6 <sup>3</sup> / <sub>4</sub>	53.5 x 183 x 170	(no nosepiece)	—	(no shafts)	—

DIN-C size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. DIN-E is "flat-face" design for many late-model cars having a single rectangular dash opening. MINI/UNIVERSAL, fits smallest Japanese cars, most domestic compacts and subcompacts. ✓ Includes rubber gaskets for nosepiece in both Ford and GM styles. \*Fits standard and import-size cars. **GENERAL INFORMATION:** All players include ample cable for two speakers, plug-in wiring harness with labeled leads, fuse, switched power leads for accessories (except #12-1927), mounting hardware, illustrated instructions, trim plates and nosepieces (except DIN-E). For 12 VDC negative ground only. **CAUTION:** High-power players require 4-wire ungrounded speaker wiring. **NOTE:** 6<sup>5</sup>/<sub>16</sub>" shaft spacing is standard for most domestic trucks.

# CAR STEREO AMPLIFIERS AND ACCESSORIES



## In-Dash Car Stereo Cover-Up

The great cover-up! Easy low-cost way to deter theft of in-dash stereo while protecting it from harmful sunlight and moisture. Fits most models. Strong molded cover slips over stereo. Authentic-looking false lock is an extra deterrent. With mounting hardware, cassette insert. 12-1364

**8<sup>95</sup>**



## Electronic Car Compass

Accurate flux-gate technology—the same principle of compasses used in airliners! Lighted, full-color 360° display. Plugs into car lighter socket or may be directly wired. 2 1/8 x 3 x 2 1/8". For car use only! 63-641

**54<sup>95</sup>**



## CD Player-to-Cassette Adapter

No wiring! Instantly connects portable CD player to your car cassette player—just load like a regular tape. Also works with home and portable cassette decks. 12-1951

**19<sup>95</sup>**



## Compact FM Signal Booster

Ideal for highway travel and use in "fringe" FM reception areas. Boosts FM signals by more than 10 dB to bring in more FM stations more clearly. Easy hookup. 1 x 2 1/4 x 3 3/4". For 12VDC neg./pos. gnd. (TSP available) 12-1873

**19<sup>95</sup>**



## LED Mini Car Clock

Quartz-accurate clock has hi/lo brightness control and the display blanks when ignition is off. Mounts in or under-dash. For 12VDC negative or positive ground. 63-833

**17<sup>95</sup>**



## 80-Watt Stereo Amplifier

40 Watts Per Channel. 20-25,000 Hz. Features auto power-on with LED indicator plus a switching power supply and isolated inputs to cut electrical noise pickup. Speaker-level or line-level input. Overload protected. 1 x 7 x 6 7/8". (TSP available) 12-1957

**79<sup>95</sup>**

## 160-Watt Stereo Amplifier

80 Watts Per Channel. 20-30,000 Hz. Input level control, auto power-on with LED, switching power supply and noise-isolated inputs. Speaker-level or line input. Fully overload protected. 1 1/2 x 8 3/4 x 7 1/2". (TSP available) 12-1960, Low As \$15 Per Month

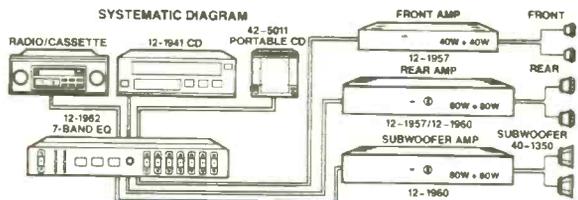
**139<sup>95</sup>**



## 7-Band Stereo Equalizer With Subwoofer Output

Our best car EQ has separate line-level outputs for a subwoofer amplifier, a front power amp and a rear power amp. Features selectable 60/100 Hz subwoofer crossover frequency, front-panel 1/8" jack for connecting a portable CD, and dual 5-LED power meters. Slide-action fader and EQ controls have LED "center" indicators. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. Speaker-level or line-level input. 1 x 7 x 5 15/16". (TSP avail.) 12-1962

**89<sup>95</sup>**



## Build a Multi-Amp Car Stereo System!

Radio Shack has everything you need. Use our #12-1962 EQ as the control center, our #12-1957 and #12-1960 power amps and awesome #40-1350 dual-coil 12" subwoofer.



## Line-Level 7-Band Equalizer

Perfect for multi-amp and component systems. Adds precise tone control to equipment that has line-level input and output. Features slide-action boost/cut controls with 12dB range and bypass button. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. Only 1 3/8 x 5 7/8 x 4". (TSP avail.) 12-1867

**39<sup>95</sup>**

# BOOST YOUR CAR STEREO'S PERFORMANCE



## 7-Band Stereo Equalizer/Power Boosters

■ Fine-Tune the Frequency Response of Your Car Stereo

(1) **70-Watt, 7-Band Equalizer/Booster.** Fourteen pushbutton electronic level controls let you boost or cut frequency response up to 12 dB in seven bands. Your adjustment pattern is shown on an 84-LED display. Features a 10-LED power output meter, front-panel  $\frac{1}{8}$ " jack for connecting a portable CD, fader for balancing 4-speaker systems, defeat button, night illumination. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. Speaker-level and line-level inputs.  $1\frac{7}{8} \times 6\frac{1}{4} \times 6\frac{1}{2}$ ". (TSP available) 12-1961 ..... **Low As \$15 Per Month** **99<sup>95</sup>**

(2) **120-Watt, 7-Band Equalizer Booster.** Our best puts power where you need it—up to 90 watts to rear speakers, 30 watts to the front. Pushbutton controls let you boost/cut response up to 12 dB in precise 2 dB steps. The 84-LED display shows response pattern. Has 10-LED power meter, loudness, fader to balance 4-speaker systems, volume and defeat controls. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. Speaker-level and line-level inputs.  $1\frac{5}{16} \times 6\frac{3}{4} \times 6\frac{3}{4}$ ". (TSP available) 12-1958 ..... **Low As \$15 Per Month** **119<sup>95</sup>**

(3) **60-Watt, 7-Band Equalizer/Booster.** Lighted slide-action controls let you boost/cut response up to 12 dB in seven bands to precisely match your vehicle's acoustics. Features selectable 4/8-ohm speaker output, fader control to balance 4-speaker systems, front-panel  $\frac{1}{8}$ " jack for connecting a portable CD player, and dual-range 10-LED power meters. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Has speaker-level and line-level inputs—works with virtually all car audio equipment.  $1\frac{7}{8} \times 7\frac{1}{8} \times 6\frac{1}{4}$ ". (TSP available) 12-1959 **79<sup>95</sup>**



## 40-Watt Booster and EQ/Boosters

■ Increase Power for Dramatically Better Sound

(1) **Compact 40-Watt Stereo Power Booster.** Plenty of power in a space-saving size. Fits under almost any dash and delivers a big improvement in sound at a money-saving price. Has power on/off button and an LED "on" indicator. Speaker-level input. Complete with illustrated hookup instructions. Only  $1 \times 4\frac{3}{16} \times 4\frac{5}{16}$ ". 12-1869 **19<sup>95</sup>**

**NEW!** (2) **5-Band Equalizer/Booster With CD Jack.** Small size, big features! Fader to balance 4-speaker systems, bypass control. Band centers: 60, 250, 1000, 3500, 12,000 Hz. Speaker-level input.  $1\frac{3}{4} \times 6\frac{5}{16} \times 4\frac{1}{4}$ ". (TSP available) 12-1963 **49<sup>95</sup>**

(3) **7-Band Equalizer/Booster With CD Jack.** It's feature packed! Has lighted controls for easy night operation and a front-panel  $\frac{1}{8}$ " jack for connecting a portable CD player. Also has a 10-level, 20-LED power output meter and a fader for balancing 4-speaker systems. Slide-action controls boost or cut frequency response in seven bands centered at 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. Speaker-level and line-level input—works with virtually all car audio equipment.  $1\frac{3}{4} \times 6\frac{3}{8} \times 5\frac{1}{8}$ ". (TSP available) 12-1955 **59<sup>95</sup>**

### Discover the Difference of High-Power Car Audio! Add a Realistic® Stereo Booster or Equalizer/Booster

It's easy to improve your car stereo system. All models on this page give you plenty of clean audio power and wide dynamic range—really bring music to life. Boosters with a built-in equalizer let you increase

or cut frequency response up to 12 dB in separate bands. You can "punch up" the bass, smooth out the midrange, and shape the sound to precisely match your speakers, vehicle interior and tastes.

NOTE: BOOSTERS RATED TOTAL WATTS RMS OUTPUT, BOTH CHANNELS. BOOSTERS REQUIRE 4-WIRE UNGROUNDED SPEAKER WIRING. FOR 12VDC NEG. GND ONLY. ILLUSTRATED INSTRUCTIONS AND UNDER-DASH MOUNTING HARDWARE INCLUDED.

# TUNE UP WITH OUR CAR STEREO SPEAKERS



**200 Watts  
Capacity  
Per Pair**

**DIGITAL  
READY**

## Deluxe 8" 2-Way Speakers for Trucks/Vans

Carpeted, ported enclosures. Each has a moistureproof polypropylene 8" woofer with 1 1/2" voice coil and 13.3-oz. magnet for awesome bass, top-firing piezo tweeter. Handle. 12 1/2 x 18 1/2 x 6 1/4". 4 ohms. (TSP available) 12-1712 . . . . Low As \$15 Per Month **PAIR 189<sup>95</sup>**



**120 Watts  
Capacity  
Per Pair**

**DIGITAL  
READY**

## High-Capacity Super 6 x 9" 3-Way Flush-Mount

Massive 16-oz. magnet and moistureproof 6 x 9" polypropylene woofer deliver deep bass. Bridge-mounted 2 1/2" midrange and 1 1/2" piezo tweeter. Open-mesh grilles. No retainer rings required. (TSP available) 12-1859 . . . . . Low As \$15 Per Month **PAIR 99<sup>95</sup>**



## 6 x 9" 2-Way Flush-Mount

**80 Watts Capacity Per Pair. Digital Ready.** Perfect for tight spaces. Moistureproof 6 x 9" polypropylene woofer with a 10-ounce magnet and 2 1/2" tweeter. Open-mesh grilles. (TSP available) 12-1715 **PAIR 69<sup>95</sup>**



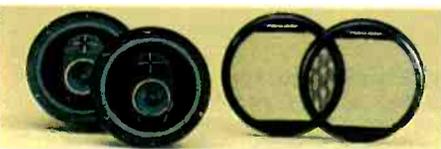
## 5 1/4" 3-Way Plate-Mount

**80 Watts Capacity Per Pair. Digital Ready.** Plate design fits 4 1/2" round hole to 6 x 9" cutout. 5 1/4" woofer, 6.25-oz. magnet, 2 1/2" midrange, 1 1/16" tweeter. 2 3/4 x 9 3/4 x 6 3/4". (TSP available) 12-1711 **PAIR 69<sup>95</sup>**



## Deluxe 4-Way Surface-Mount

**100 Watts Capacity Per Pair. Digital Ready.** 4" woofer with 8-ounce barium magnet, 2" midrange, dual 1" tweeters. Punched-metal grilles. 5 1/16 x 11 7/16 x 6 1/16". (TSP available) 12-1713 **PAIR 79<sup>95</sup>**



## 5 1/4" 3-Way Flush-Mount

**NEW!** **60 Watts Capacity Per Pair. Digital Ready.** 5 1/4" woofer, 17.72-oz. magnet, 2" midrange, 1" tweeter. 4 ohms. (TSP avail.) 12-1717 **PAIR 49<sup>95</sup>**



## 4 1/4" 3-Way Surface-Mount

**80 Watts Capacity Per Pair. Digital Ready.** 4 1/4" woofer with 8-oz. barium magnet, 2 1/2" midrange and 1" tweeter. 4 ohms. (TSP available) 12-1716 **PAIR 59<sup>95</sup>**



## Mini 2-Way Surface-Mount

**30 Watts Capacity Per Pair. Perfect for rear deck.** 3" woofer with 3.6-oz. magnet and a 2" tweeter. 3 7/8 x 5 1/8 x 6 1/4". (TSP available) 12-1707 **PAIR 42<sup>95</sup>**



- 40 Watts Capacity Per Pair
- Digital Ready

## Full-Range 4" Flush-Mount

Only 1 1/2" deep. Fit where space is tight. Moistureproof polypropylene dual-cone drivers with 4.8-oz. magnet. Open-mesh grilles. (TSP avail.) 12-1704 **PAIR 29<sup>95</sup>**



- 40 Watts Capacity Per Pair
- Digital Ready

## Compact 5 1/4" Flush-Mount

Only 1 1/4" deep. Fit shallow doors, kick-panels. 2.9-oz. magnet. Molded housing, moisture shields, metal grilles. No retainer rings needed. (TSP avail.) 12-1703 **PAIR 29<sup>95</sup>**



- 20 Watts Capacity Per Pair
- Digital Ready

## Economy 5 1/4" Flush-Mount

Designed especially for limited space. Less than 2" depth is needed for mounting. 2.9-oz. magnet, handsome molded grilles. (TSP available) 12-1714 **PAIR 22<sup>95</sup>**

# SPEAKERS, ENCLOSURES AND ACCESSORIES

- Digital Ready
- 40 Watts Capacity



Shown With Mounting Bracket

## Die-Cast, 2-Way Minimus®-7

Extra-rugged performer with 4" woofer and 1" dome tweeter. 7<sup>1</sup>/<sub>16</sub> x 4<sup>7</sup>/<sub>16</sub> x 4<sup>9</sup>/<sub>16</sub>". Black, 40-2030. White, 40-2045. Brackets. 40-2031

EACH  
**49<sup>95</sup>**  
Pair 17.95

## 8" High-Power Subwoofer With Dual Voice Coils

- 100 Watts Total Capacity

A quality bass speaker with an 18-oz. magnet. 40-1348



EACH  
**41<sup>95</sup>**

## 12" Subwoofer With Dual Voice Coils

- 120 Watts Total Capacity

For thunderous bass! Has a 19-oz. magnet. 40-1350



EACH  
**61<sup>95</sup>**

## Dynamic and Piezo Tweeters

Dynamic Horn. Improve your treble. Heavy-duty diaphragm. 50 watts capacity. 40-1278

EACH  
**12<sup>95</sup>**

3<sup>3</sup>/<sub>4</sub>" Flared-Horn Piezo. 4-25 kHz. SPL: 92 dB (1W/1M). 40-1397

EACH  
**9<sup>95</sup>**



## Deluxe Speaker Enclosures

- For Most 6 x 9" Speakers

**NEW!** Sturdy wood enclosures covered in gray carpeting. Spring-clip speaker terminals for easy hookup. 8<sup>1</sup>/<sub>4</sub> x 12<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>2</sub>". 40-171



PAIR  
**34<sup>95</sup>**

## Car Audio 2-Way Speaker Crossover

- 100 Watts Capacity

Directs low frequencies to woofer and highs to tweeter. Sealed polyurethane enclosure. Crossover: 3000 Hz. 12 dB per octave. 3<sup>7</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>16</sub> x 1<sup>15</sup>/<sub>16</sub>". 40-1305



**17<sup>95</sup>**



## 3<sup>1</sup>/<sub>2</sub>" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1325	5.0 oz.	20	8.95
40-1333	2.8 oz.	4	4.95



## 4" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1197	6.8 oz.	10	10.95
40-1208	0.53 oz.	2	5.95



## 5" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1284	9.8 oz.	20	10.95
40-1909	5.3 oz.	10	8.95
40-1240	2.8 oz.	5	6.95



## 5<sup>1</sup>/<sub>4</sub>" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1354	10.0 oz.	40	13.95
40-1241	3.3 oz.	8	6.95



- 10 Watts Capacity

## 4 x 6" Speaker

Popular size with a 5.3-ounce ceramic magnet. 40-1298

EACH  
**7<sup>95</sup>**



- 10 Watts Capacity

## 5 x 7" Speaker

Fits Chrysler, Toyota rear deck. Selectable 4/8/16 ohms. 40-1261

EACH  
**11<sup>95</sup>**



## 4 x 10" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1297	10.0 oz.	30	15.95
40-1243	5.3 oz.	10	13.95



## 6 x 9" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1265	10.0 oz.	30	16.95
40-1269	3.0 oz.	6	11.95



## 3-Way 6 x 9" Speaker

■ 30 Watts Capacity  
Features 10-oz. magnet, 3" midrange and 1/2" tweeter. 40-1356

EACH  
**27<sup>95</sup>**



- For 5<sup>1</sup>/<sub>4</sub>" Speaker

## Wire-Mesh Grille

Ideal for door panels. Guards speaker. With hardware. 40-1336

EACH  
**4<sup>99</sup>**



- For 6 x 9" Speaker

## Wire-Mesh Grille

Perfect for your rear-deck speakers. Comes with hardware. 40-1335

EACH  
**6<sup>99</sup>**

## Molded Grilles



(1) **NEW!** 4" x 5". For door-mount speaker. 40-1321 ..... Each 3.29  
(2) **NEW!** 6 x 9". For rear-deck speaker. 40-1322 ..... Each 5.95

## Deluxe Steel Grille

- For 6 x 9" Speaker

With template and hardware. 40-1175

EACH  
**3<sup>69</sup>**



## Wire-Mesh Grilles

- Perfect for Subwoofers

Size	Cat. No.	Each
8"	40-1345	7.95
<b>NEW!</b> 10"	40-1357	8.95
12"	40-1346	10.95
<b>NEW!</b> 15"	40-1358	16.95



## Selector Switch

- Mounts Anywhere

Lets you switch speakers between separate car stereo tape player and radio. With complete instructions. 270-045

**4<sup>79</sup>**



## Fader Control

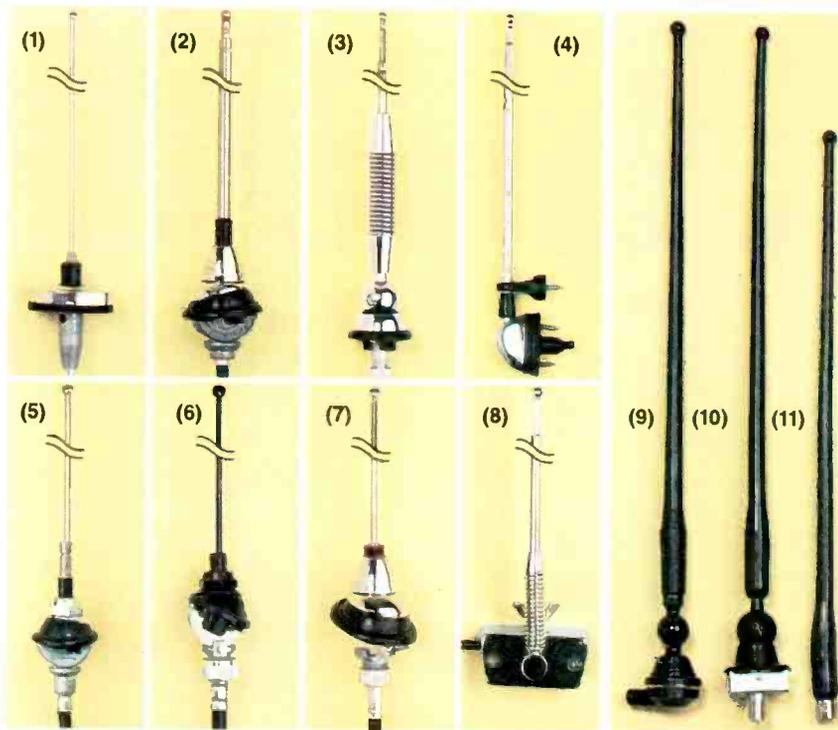
- Balance Your Speakers

Controls front-to-rear speaker balance to suit taste. Easy to install under dash. 50 watts total output. 270-048

**8<sup>79</sup>**



# AUTO ANTENNAS AND ACCESSORIES



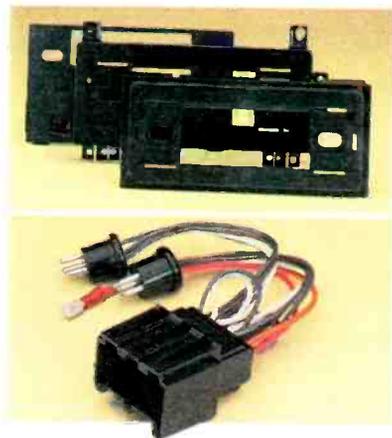
## Car Stereo Antenna Headquarters For Better Reception and Price

- (1) **Ford Antenna.** Fits 1982 to current. One-piece 31" stainless steel whip. 72" cable. 12-1335 ..... **8.99**
- (2) **Universal "8-Ball".** Top cowl or fender mount. Three sections extend from 21 1/4" to 55". Adjusts up to 35°. Stainless steel whip. 54" cable. 12-1306 ..... **5.99**
- (3) **Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three sections extend from 25 3/8" to 55". Adjusts 90°. 48" cable. 12-1307 ..... **8.79**
- (4) **Pillar Mount.** Fits most Japanese cars except Honda. Three sections extend from 19 1/2" to 51". 61" cable. Mtg. hole spacing: 2 1/4" to 18". 12-1320 ..... **8.49**
- (5) **One-Piece Mini.** For narrow fenders. 31" stainless steel whip. 54" cable. 12-1322 ..... **6.99**
- (6) **Black One-Piece Mini.** Sleek, black version of 12-1322, above. 12-1334 ..... **7.99**
- (7) **Top Fender/Cowl Mount.** 31" tapered stainless steel whip. 48" cable. 12-1329 ..... **8.99**
- (8) **Gutter-Mount.** Three-section whip extends to 29 1/2". 78" cable. 12-1324 ..... **7.99**
- (9) **Rubber Ducky Antenna.** Roof, trunk or rear fender mount. 16" long. 50" cable. 12-1327 ..... **5.99**
- (10) **Flexible Universal Mount.** Fender or cowl mount. 15" long. 54" cable. 12-1331 ..... **5.99**
- (11) **Flexible Replacement Whip.** Fits over stub of broken antenna. 14" long. 12-1333 ..... **3.99**



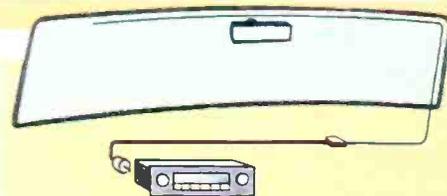
## Motorola-Type Plugs/Jacks And Ground Loop Isolator

- (1) **12-Foot In-line Male-to-Female Extension.** Plug on one end, jack on other. Built-in capacitor. 12-1311, **4.19**
- (2) **24" Male-to-Female In-line Extension.** Increases reach of cable to allow you to mount antenna anywhere on vehicle. 12-1312 ..... **1.49**
- (3) **Universal 3-Way Antenna Cable Connector.** Versatile—couples two antennas to one radio or one antenna to two radios. 12-1313 ..... **1.99**
- (4) **24" Male-to-Female Extension.** 12-1314 ..... **1.49**
- (5) **GM Antenna Adapter.** Adapts GM mini connector to standard radio jack. 12-1336 ..... **1.99**
- (6) **Ground Loop Isolator.** Cuts noise/hum. Installs in-line between CD and EQ or amp input. 270-054, **11.95**



## In-Dash Installation Kits And Harness Adapters

**In-Dash Installation Kits.** Includes DIN chassis sizes. With hardware.  
**GM Kit.** Fits 39 models. 12-1361 ..... **8.95**  
**Ford/Chrysler.** Fits 69 models. 12-1362 ..... **10.95**  
**Toyota. (CMC)** 12-1363 ..... **10.95**  
**Wiring Harness Adapters.** For 1978-88 GM models. 270-755 ..... **9.99**  
 Ask store manager about harnesses for other makes. Available through our CMC system.



## Windshield AM/FM Antenna

Transparent antenna tape attaches easily to windshield—no holes to drill, no difficult hardware to install. Saves money when replacing a windshield with built-in antenna. **4.99**  
 With lead-in cable and fender cap. 12-1325

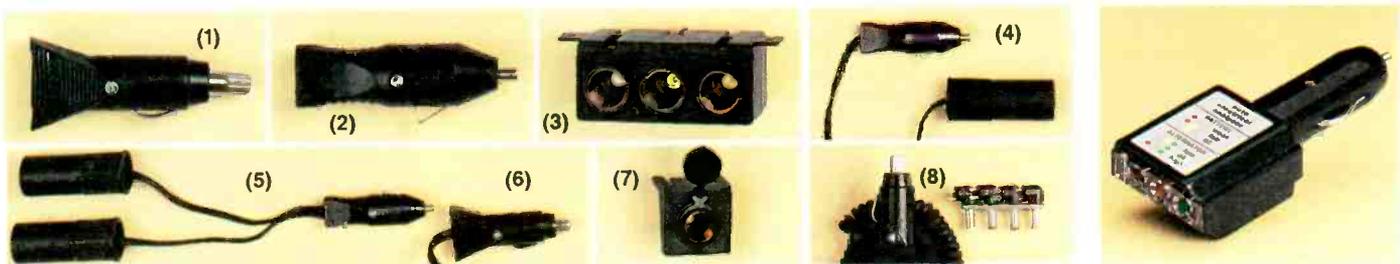
## AM/FM Power Antenna

**Needs Only 13" of Space  
Below Mounting Surface**

Helps prevent vandalism and accidental breakage! Fits most cars and trucks. Connects to ignition or radio and extends or retracts when either is turned on or off. Extends to 39". Stainless steel. With antenna and power cable leads. Adapts to semi-automatic use. Includes support strap and mounting hardware. 12VDC neg. ground. **41.95**  
 12-1320



# AUTO SOUND INSTALLATION HELPERS



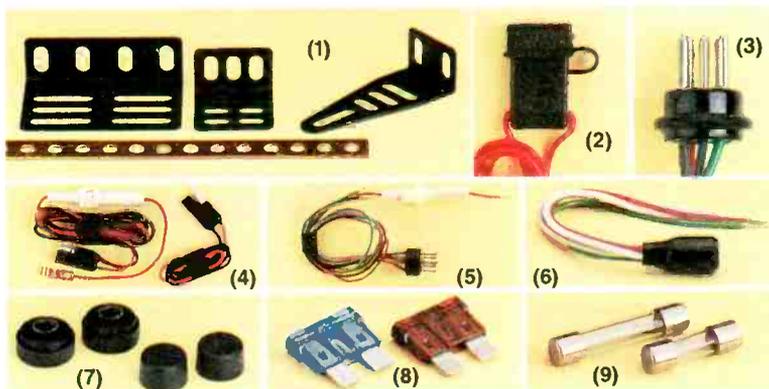
## Handy Lighter-Plug Cords and Accessory Outlets for Every Car

- (1) **Heavy-Duty Plug.** Uses 3AG-style fuse up to 7.5A. 274-335 ..... **2.19**  
 (2) **Lighter Plug.** Fits standard lighter socket. Handles up to 6 amps. 274-331 ..... **1.59**  
 (3) **Triple Accessory Outlet.** 15A. 270-1544 ..... **8.99**  
 (4) **Ten-Foot Extension Cord.** 8A. 270-1536 ..... **5.79**  
 (5) **Two-Outlet Y-Adaptor.** Conveniently powers two accessories from a single lighter outlet. Rated 8 amps. 270-1535 ..... **5.79**  
 (6) **Heavy-Duty Fused Cord.** 8-ft. cord. 270-1534 ..... **5.79**  
 (7) **Accessory Outlet.** Mounts easily in or under dash or in camper for powering 12VDC accessories such as car phone or radar detector. With cover. 270-1539 ..... **5.79**  
 (8) **Universal Fused Coil Cord.** Flexible—won't get tangled. Includes four different coax connector plugs to fit your needs. 8-ft. 270-1528 ..... **9.95**  
 (9) **Standard Fused Cord.** 8-ft. cord. 270-1533 ..... **3.79**  
 (10) **Plug With Cord.** 270-021 ..... **2.99**

## Electrical Tester

Plugs into lighter socket to help you easily identify automotive battery and charging system problems before they leave you stranded or become major expenses. Use as part of your regular car maintenance. Bright LEDs show condition of your vehicle's battery and electrical charging system. For use in all 12-volt negative ground vehicles. 22-1635

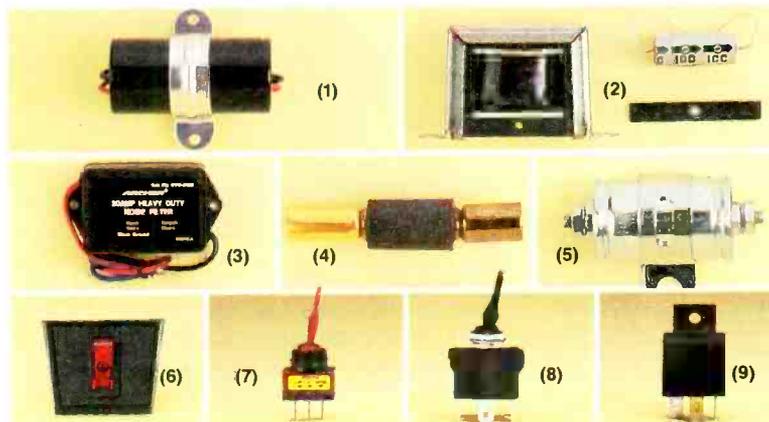
**5<sup>95</sup>**



## Connectors, Mounts and Fuses

- (1) **Universal 3-Bracket Set.** 270-023 ..... **3.49**  
**Control Shaft Nuts and Washers.** (6 each) 270-024 ..... **99c**  
 (2) **Inline "Blade" Fuse Holder.** 20A. 270-1213 ..... **1.69**  
 1/4" Dia. Fuse Holder. 20A. 270-1211 ..... **1.19**  
 (3) **5-Pin Cable Assembly.** 12" leads. 270-041 ..... **2.49**  
 18-Ft. Cable Assembly. 270-014 ..... **5.49**  
 (4) **Cable-Sets.** 4-ft. fused DC. 270-025 ..... **2.19**  
 2-Conductor. 12". For trailer lights, accessories. 270-026 ..... **1.19**  
 4-Conductor. 12". 270-027 ..... **2.19**  
 (5) **Universal Cable.** Fits 4 or 5-Pin sockets. 12" leads. 270-017 ..... **2.29**  
 (6) **5-Pin Inline Automotive Stereo Connector.** 274-1215 ..... **1.59**  
 (7) **Knobs.** Fits "D" and split shafts. **Matte-Black.** 274-425 ..... **Set/1.79**  
**Chrome.** 274-427 ..... **Set/2.99**  
 (8) **Plastic Blade Fuse 5-Pak.** 270-1201 ..... **1.69**  
 (9) **Glass Fuse 10-Pak.** 3 to 30 amps. 270-1262 ..... **1.89**  
**Fuse Tool.** For blade and glass fuses. 270-1199 ..... **99c**

## Complete Your Car Audio Installation With These Noise Filters and Panel Switches



- (1) **10-Ampere Noise Filter.** L-C sections cut ignition/alternator noise interference in CBs & radios. 270-051 ..... **13.95**  
 (2) **Noise Eliminator Kit.** Filter choke, capacitor and installation instructions. 270-030 ..... **3.99**  
 (3) **20-Ampere Noise Filter.** Heavy-duty protection from engine noise interference. 270-055 ..... **18.95**  
 (4) **Resistive Filter.** Cuts spark plug noise interference. 270-012 ..... **1.89**  
 (5) **Feedthrough Filter Capacitor.** Cuts noise from ignition systems, fan motors and DC generators. Rated 0.5uF, 40 amp, 60WVDC. 272-1085 ..... **5.99**  
 (6) **Lighted Rocker Switch Panel.** SPST. 25 amp. 275-704 ..... **4.49**  
**Dual Flip Switch/Light Panel.** 20 amp. 275-702 ..... **3.19**  
 (7) **Lighted Flip Switch.** With lamp. 20 amp. 275-706 ..... **2.59**  
**SPST Flip Switch.** Rated for 16 amp. 275-701 ..... **1.99**  
**SPST Flip Switch.** For heavy-duty automotive use. 25 amp. 275-708 ..... **1.99**  
 (8) **DPDT Center-Off Flip Switch.** 20 amp. 275-710 ..... **2.39**  
**DPDT Momentary Center-Off Flip Switch.** 20 amp. 275-709 ..... **2.79**  
 (9) **Lighting Relay.** 30 amp. SPST. 160mA, 66-ohm coil. 275-226 ..... **5.99**

# ROAD PATROL XK® RADAR DETECTORS



## Compact Tri-Band Detector

- 5-Position LED Signal Strength Meter
- Select Beep/LED and Beep/Mute Signal
- Switchable City/Highway Sensitivity

Our best dual-superhet detects the latest 34.36 GHz Ka-band "snapshot" radar. Separate pulsing tones for X, K, and Ka bands. Sensitivity: X-band, -114 dBm/cm<sup>2</sup>; K, -104 dBm/cm<sup>2</sup>; Ka, -94 dBm/cm<sup>2</sup>. Only 1 1/16 x 3 1/8 x 4 1/4". Case, power cord with lighter socket plug, visor clip. 12VDC neg. gnd. (TSP avail.) **249<sup>95</sup>**  
22-1626 ..... Low As \$15 Per Month

## Low-Cost Tri-Band Detector

- Detects X, K and Ka "Snapshot" Radar
- Separate Flashing LED and Audible "Beep" Alerts for Each Radar Band

**NEW!** Instant alert—main LED flashes during radar reception. City/highway switch for changing driving environments. Signal strength meter. Volume control. Sensitivity: X-band, -114 dBm/cm<sup>2</sup>; K, -104 dBm/cm<sup>2</sup>; Ka, -103 dBm/cm<sup>2</sup>. 3/4 x 3 1/8 x 4 1/4". **199<sup>95</sup>**  
12VDC neg. gnd. (TSP available) 22-1629 ..... Low As \$15 Per Month



## Value Leader! Dual-Band With GaAs Diode Circuit

- GaAs Diode Boosts Detection Range
- City/Highway Sensitivity Control

**NEW!** Detects X and K-band radar signals. With LED power and alert indicators. Switchable beep, light, or both alerts. FAST circuit reduces false alerts. Hi/lo/off volume switch. Sensitivity: X-band, -114 dBm/cm<sup>2</sup>; K-band, -104 dBm/cm<sup>2</sup>. 3/4 x 2 3/4 x 4 1/8". 12VDC neg. gnd. (TSP available) **79<sup>95</sup>**  
22-1623



All ROAD PATROL XK® radar detectors feature *False Alert Suppression Technology (FAST)*. Our unique FAST circuit prevents false alarms caused by signals from other radar detectors without reducing sensitivity to authentic radar signals.



## Dual-Band/Dual-Tone

### Credit Card-Sized Detector

Less than 7/16" thick! Tone/LED X, K alerts. Sensitivity: X-band, -114 dBm/cm<sup>2</sup>; K-band, -104 dBm/cm<sup>2</sup>. 27/64 x 2 7/16 x 3 11/16". **199<sup>95</sup>**  
12VDC neg. gnd. (TSP available) 22-1627 ..... Low As \$15 Per Month



### Surface-Mount, Pocket-Sized

Proportional X and K-band tones/LEDs, signal-strength bargraph. Has mute and auto-reset. Sensitivity: X-band, -110 dBm/cm<sup>2</sup>; K-band, -102dBm/cm<sup>2</sup>. 1 1/16 x 2 5/32 x 4 1/8". **159<sup>95</sup>**  
12VDC neg.gnd. (TSP available) 22-1625 ..... Low As \$15 Per Month



### Separate X/K Pulsing Tones

X/K-band LEDs, tones pulse in proportion to signal strength. City/highway switch. Sensitivity: X-band, -114 dBm/cm<sup>2</sup>; K-band, -102 dBm/cm<sup>2</sup>. 7/8 x 3 1/2 x 4 1/16". **139<sup>95</sup>**  
12VDC neg. gnd. (TSP available) 22-1621 ..... Low As \$15 Per Month



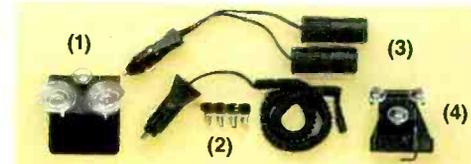
### Dual-Tone Buzzer/LED Alert

Separate X/K-band tones, city/highway switch. Sensitivity: X, -110 dBm/cm<sup>2</sup>; K, -102dBm/cm<sup>2</sup>. 1 x 2 7/8 x 4 2/5". 12VDC neg. gnd. (TSP available) **119<sup>95</sup>**  
22-1624 ..... Low As \$15 Per Month



## Wireless Hidden/Remote

Detector mounts behind grille or below bumper—pocket-size receiver goes anywhere! Recharges from lighter or AC adapter, extra. Sensitivity: X-band, -110 dBm/cm<sup>2</sup>; K-band, -102 dBm/cm<sup>2</sup>. Detector 3 3/4 x 1 9/16 x 4 1/8". Receiver, 3 1/16 x 2 3/4 x 3 15/16". 12VDC neg. gnd. (TSP available) **169<sup>95</sup>**  
22-1622 ..... Low As \$15 Per Month



## Detector Accessories

- (1) Suction Cup Mount. 270-034 ..... 6.95
- (2) Universal Coiled 12VDC Cord and Plug. Four adapters fit most radar detectors and 12VDC TVs. Replaceable 2-amp fuse. 270-1528 ..... 9.95
- (3) Lighter Y-Adapter. 270-1535 ..... 5.79
- (4) Adjustable Bracket. Increases effective range and provides easy mounting and removal of most mini detectors. 270-037 ..... 9.95

# MOBILE ALERT® VEHICLE ALARMS



## With Pager & Remote Locator/Panic Button

**NEW!** Sounds siren and/or signals pager up to 2 miles away. Automatic starter disable. Includes two keychain remotes with arm/disarm and "panic" to activate siren and car horn in an emergency. Car locator helps you find your car in a crowded parking lot—"chirps" siren and/or flashes lights. Selectable security code. Each pager requires 9V battery. 49-875 ..... Low As \$15 Per Month **199<sup>95</sup>**



## Alarm With Pocket Pager and Remote

**NEW!** Automatically disables engine starter when armed—provides maximum 24-hour protection! Keychain remote arms/disarms system, has "panic" button. When triggered, system transmits signal to pocket pager up to two miles away and/or sounds loud electronic siren. With delayed and instant alarms. Selectable security code. Pager requires 9V battery. 49-796, Low As \$15 Per Month **159<sup>95</sup>**



## Keychain Remote and Starter Disable

**NEW!** Remote transmitter fits in pocket or purse—allows you to arm/disarm system from up to 20 feet away. Starter disable with remote override prevents the engine from being started while the system is armed. With dash-mounting status lights, convenient valet override and mounting hardware. 49-850 **89<sup>95</sup>**



## Keyless Motion-Type Alarm With Remote

Advanced security at a low price! Senses motion and opening of doors, trunk and hood. Responds with extra-loud siren. Motion detector has on/off and sensitivity controls. Automatic and keychain remote arm/disarm, entry and exit delay, valet override switch, LED status indicators, security code. With mounting hardware. (TSP available) 49-763 **69<sup>95</sup>**



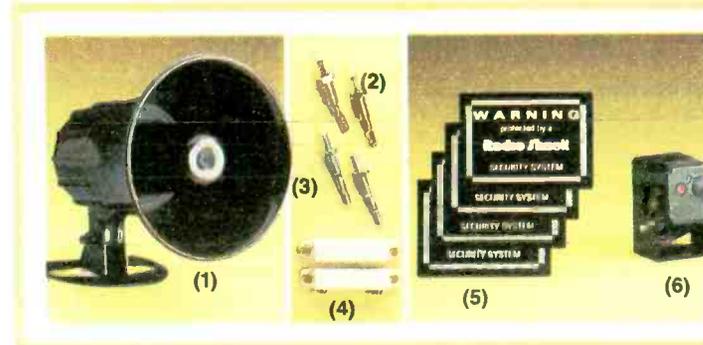
## Infrasonic Alarm With Keychain Remote

Reliable, state-of-the-art security. Senses sudden, subaudible changes in air pressure, such as a car door or trunk opening. Remote control arms/disarms system. Sounds built-in, high-power siren or add #49-488, below. High/medium/low sensitivity switch. External siren output terminals. Easy 2-wire hook-up. (TSP available) 49-825 **59<sup>95</sup>**



## Keyless Car Alarm With Motion Sensor

You get all the basic features with this easy-to-install protection system. Detects jacking, tampering and entry attempts. Motion sensor has adjustable sensitivity and on/off switch. Features automatic entry/exit delays and arming, convenient valet override switch, LED status indicator light and extra-loud electronic siren. (TSP available) 49-759 **44<sup>95</sup>**



## Vehicle Alarm Siren, Pin Switches, Labels

- (1) Extra-Loud 2-Sound Siren. Produces rise/fall piercing "scream" or steady tone. Requires 12VDC at 500 mA. 49-488 ..... **19.95**
- (2) Short Pin Switches. For doors, hood or trunk—anywhere space is limited. Solderless lug terminals. 49-508 ..... **Pkg. of 2/2.99**
- (3) Long-Throw Pin Switches. Crimp-style connector. Use for hood, trunk or doors to customize alarm system. 49-509 ..... **Pkg. of 2/2.89**
- (4) Door/Window Switch. For sliding truck windows. 49-512 .... **5.19**
- (5) Window Decals. Low-cost deterrent. 49-507 ..... **Pkg. of 4/1.19**
- (6) Electronic Shock/Motion Sensor. Exclusive circuit! Quick response, extremely low current drain—only 5 mA at 12VDC. 49-630, **12.95**

# REALISTIC®—THE BIGGEST NAME IN CB



## Our Lowest Priced Mini With ANL

**NEW!** (1) Realistic TRC-479. Small size, big performer. Easy-to-read LED channel display plus front panel controls and microphone jack. Also features transmit and receive indicators. External speaker jack. 1<sup>3</sup>/<sub>8</sub> x 4<sup>1</sup>/<sub>2</sub> x 6<sup>1</sup>/<sub>2</sub>". 21-1519

**49<sup>95</sup>**

## Mini With Fingertip Channel Up/Down

(2) Realistic TRC-477. Easy-to-use fingertip up/down channel switches and easy-to-read green LED readout display. Built-in automatic noise limiter circuit, squelch and volume control. Transmit and receive LED indicators. Remote speaker jack. 1<sup>3</sup>/<sub>8</sub> x 4<sup>1</sup>/<sub>2</sub> x 6<sup>1</sup>/<sub>2</sub>". 21-1517

**59<sup>95</sup>**

## Compact With LED Power Meter

(3) Realistic TRC-415. Dual ceramic filters for superior selectivity and reduced channel interference. Bright LED channel display, 4-step LED signal/RF power meter. Automatic noise limiting circuit. Has jack for adding a remote speaker. 2 x 4<sup>1</sup>/<sub>16</sub> x 6<sup>1</sup>/<sub>2</sub>". 21-1509

**69<sup>95</sup>**

## With Controls on Mike & Ch.9 Priority

(4) Realistic TRC-430. Convenient channel switches located on both mike and front panel. Emergency Channel 9 priority switch for quick help. Green LED display. Jacks for adding PA and remote speaker. 1<sup>3</sup>/<sub>8</sub> x 4<sup>5</sup>/<sub>8</sub> x 7<sup>1</sup>/<sub>4</sub>". Was \$99.95 in 1991 Catalog. 21-1514

**NEW LOW PRICE!**  
**79<sup>95</sup>**

## 3-Ch. Weather Receiver, ANL & NB

**NEW!** (5) Realistic TRC-482. Hear the latest weather info on 162.4, 162.475 or 162.55 MHz. LED S/RF power meter. Ch. 9 priority. ANL, NB, PA buttons. Jacks for remote and PA speaker. 1<sup>3</sup>/<sub>8</sub> x 6 x 7<sup>1</sup>/<sub>4</sub>". 21-1551 ..... Low As \$15 Per Month

**99<sup>95</sup>**

## RF Gain and Tone Controls

(6) Realistic TRC-435. Tone and RF gain controls. Switchable ANL cuts pulse-type noise. Channel 9 priority. PA monitor. Remote speaker jack. 1<sup>3</sup>/<sub>8</sub> x 5<sup>1</sup>/<sub>2</sub> x 6<sup>5</sup>/<sub>8</sub>". 12VDC neg./pos. gnd. Was \$139.95 in 1991 Catalog. 21-1518, Low As \$15 Per Month

**NEW LOW PRICE!**  
**129<sup>95</sup>**



REACT MONITORING EMERGENCY  
CB CHANNEL 9 NATIONWIDE—  
A 24-HOUR HELP NETWORK

Use of CB Channel 9 is restricted to emergencies and traveler assistance by govt. regulation. In the event of emergency, broadcast your **CLIP**: Call sign—I.D. yourself, Location—Be exact, Injuries—Number, Type, Problem—give details. Air your **CLIP** repeatedly.

# COMMUNICATIONS FOR WORK AND PLAY



## Base Station/Mobile With Dynamic Mike

**NEW!** Realistic TRC-492. Dual-powered CB with greater reliability and clarity. NB, ANL circuits. "Electronic Rotary Type" channel selector. Channel 9 and 19 priority. Signal-strength meter. External speaker, headphone jacks. AC/12VDC neg./pos. gnd. 2<sup>15</sup>/<sub>16</sub> x 11<sup>1</sup>/<sub>8</sub> x 8<sup>1</sup>/<sub>4</sub>" 21-1549 ..... Low As \$15 Per Month **149<sup>95</sup>**



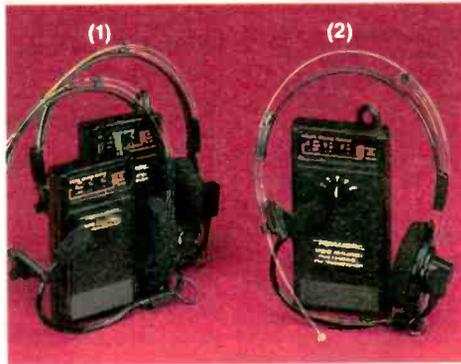
## Our Best! AM/Single-Sideband Mobile

Realistic TRC-465. SSB gives you the regular 40 AM CB channels plus 80 upper and lower sideband channels. Switchable ANL and noise blanker cut pulse-type noise. RF gain control, 5-step LED power meter. Jacks for adding PA and remote speakers. 2 x 6<sup>1</sup>/<sub>8</sub> x 8<sup>1</sup>/<sub>8</sub>". 12VDC neg./pos. gnd. 21-1567 ..... Low As \$15 Per Month **199<sup>95</sup>**



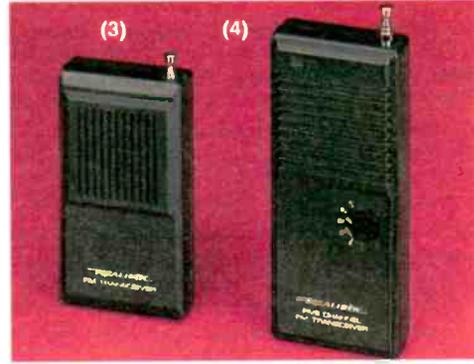
## 49 MHz Walkie-Talkies—Great for Biking, Hiking, Camping, Job Sites and Warehouses

Realistic TRC-504. The absolute ultimate in hands-free communications. When you speak, the earpiece instantly becomes a voice-actuated mike. The walkie-talkie picks up your voice via the ear canal and transmits a clean signal. Each features a sensitive dual-conversion receiver, selectable push-to-talk or hands-free automatic operation, VOX sensitivity and volume controls. Includes belt clip and four different earpieces for a perfect fit. System provides up to 1/4-mile range. 2<sup>1</sup>/<sub>2</sub> x 4<sup>15</sup>/<sub>16</sub> x 1<sup>15</sup>/<sub>16</sub>". Each requires 9V battery. 21-404 **PAIR 89<sup>95</sup>**



(1) Realistic TRC-500. Selectable hands-free voice-actuated or manual operation. Perfect for work or play, even keep track of family members at amusement parks. Sensitive dual-conversion superhet receiver, volume and VOX sensitivity controls. Adjustable headset, belt clip. Up to 1/4-mile range. 4<sup>9</sup>/<sub>16</sub> x 2<sup>1</sup>/<sub>2</sub> x 1<sup>15</sup>/<sub>16</sub>". Each requires 9V battery. 21-400 **PAIR 69<sup>95</sup>**

(2) Realistic 502. As above, but with 5-channel operation. 5<sup>1</sup>/<sub>2</sub> x 2<sup>15</sup>/<sub>16</sub> x 1<sup>15</sup>/<sub>16</sub>". Requires 9V battery. 21-403 **EACH 49<sup>95</sup>**



(3) Realistic TRC-501. Slightly over one-inch thin and five ounces light. Pressing the Call-button allows you to transmit an alert-tone signal. Features LED low-battery indicator, push-to-talk and volume controls, sensitive dual conversion receiver, and a detachable belt clip. Transmission range of up to 1/4-mile. 4<sup>3</sup>/<sub>4</sub> x 2<sup>5</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>32</sub>". Requires 9V battery. 21-401 **EACH 24<sup>95</sup>**

(4) Realistic TRC-503. As above, but with five channels for multi-unit use. 6<sup>1</sup>/<sub>8</sub> x 2<sup>5</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>16</sub>". Requires 9V battery. 21-402 **EACH 39<sup>95</sup>**

(1)



Includes Battery Pack, Magnet-Base Antenna and Fitted Case

(2)



Includes Magnet-Base Antenna and Fitted Case



## Emergency CB and Weather Radio

(1) Realistic TRC-475. Place antenna on roof, plug CB into lighter, select CB or weather mode. Talk/listen on all 40 channels. Hear weather info on 162.4, 162.475 or 162.55 MHz. Channel 9 priority. Operates on 12VDC neg. gnd. or batteries. Battery pack requires 8 "AA" alkaline batteries. Case measures 11 x 6<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>2</sub>". 21-1515, Low As \$15 Per Month **99<sup>95</sup>**

## Road Emergency CB Radio System

(2) Realistic TRC-409. So simple to use, your children can learn to call for help in an emergency. Talk or receive on all 40 channels—without leaving your car. Priority switch gives you one-touch access to Emergency Channel 9. Entire system, including antenna, stores neatly in 10<sup>1</sup>/<sub>2</sub> x 4<sup>5</sup>/<sub>8</sub> x 2<sup>1</sup>/<sub>4</sub>" fitted case that fits under car seat. 12VDC neg. gnd. 21-1500 **69<sup>95</sup>**

# HIGH-PERFORMANCE CB WALKIE-TALKIES



## Easy-to-Use 2-Way Portables by Realistic, The USA Citizens Band Sales Leader

- Perfect Personal Communications for Work, Pleasure or Travel
- All Models Have a Sensitive Superhet Receiver

(1) **TRC-87. Channel 14, 100 mW.** Ideal for many short-range communications uses where a single channel is all you need. Low in cost, high in reliability. Handy wrist strap. Includes crystals.  $6\frac{1}{2} \times 3 \times 1\frac{3}{4}$ ". Requires 9V battery. (TSP available) **19<sup>95</sup>**

(2) **TRC-89, Three Channels, 300 mW.** Excellent for job sites, travel parties or other groups who need 2-way communications. Separate speaker and mike. With Ch. 14 crystals. Add crystals for two more channels.  $8\frac{3}{4} \times 3 \times 1\frac{7}{8}$ ". Requires 6 "AA" batteries. (TSP avail.) **29<sup>95</sup>**

(3) **TRC-218. Three Channels, 2 Watts.** Range-Boost antenna system. Squelch control to silence receiver between calls. Battery-test LED. With Channel 14 crystals.  $10\frac{1}{4} \times 3\frac{1}{8} \times 2\frac{1}{2}$ ". Requires 8 "AA" or 10 rechargeable batteries. (TSP available) **49<sup>95</sup>**

(4) **TRC-219. Three Channels, 3 Watts.** Range-Boost, center-loaded antenna. Squelch, battery and modulation LEDs. Jacks for ext. antenna, battery charger. With Ch. 14 crystals.  $10\frac{1}{4} \times 3\frac{1}{8} \times 2\frac{1}{2}$ ". Requires 8 "AA" or 10 rechargeable batteries. (TSP available) **59<sup>95</sup>**

- Forty-Channel Models Are Ready to Operate on All Citizens Band Channels—No Crystals to Buy

**NEW!** (5) **TRC-222. 40 Channels, 5 Watts.** Red LED channel display. Center-loaded antenna extends signal reach. Ceramic filter cuts signal interference. ANL, squelch, channel display/battery LEDs. Battery-saving hi/lo power switch. Jacks for adding external antenna, charger, DC power.  $7\frac{1}{4} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. (TSP available) **79<sup>95</sup>**

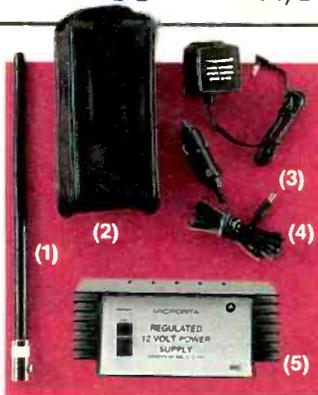
(6) **TRC-207. 40 Channels, 5 Watts.** Green LED display, hi/lo power switch, ANL, ceramic filter. LED battery indicator, squelch. Detachable, flexible antenna. Jacks for adding external antenna, charger, DC power.  $7\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{3}{4}$ ". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. (TSP available) **99<sup>95</sup>** ... Low As \$15 Per Month

(7) **TRC-221. 40 Channels, 5 Watts.** LCD channel indicator with battery/RF meter and switchable backlight. Hi/lo power switch, squelch, ANL, ceramic filter, center-loaded antenna. Jacks for adding earphone, hand mike, external antenna, charger, DC power.  $7\frac{9}{16} \times 2\frac{13}{16} \times 2\frac{1}{8}$ ". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. (TSP available) **139<sup>95</sup>** ... Low As \$15 Per Month

### CB Transmit/Receive Crystals

If the crystals you want aren't listed below, our "Hotline" service can deliver them to your Radio Shack in just a few days. Come in and order what you need. (Does not include synthesizer-type crystals.) No postage charge for this service!

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



### Accessories for Most CB Walkie-Talkies

(1) **Flexible "Rubber Ducky" Antenna.** Safer and more convenient than conventional telescoping antennas. **21-980, 7.99**

(2) **Protective Carrying Case.** Heavy-duty belt loop for convenient hands-free carrying. **20-004 9.95**

(3) **Ni-Cd Battery Charger.** Just plug into charging jack for convenient recharging. UL listed AC. **21-516 6.99**

(4) **12VDC Cord.** 8 feet long. For portables with DC power jack. **270-1533 3.79**

(5) **Regulated 12VDC Supply.** Provides stable current supply. Use AC outlet to power mobile CBs or walkie-talkies with a DC jack. Rated 2.5 amps. UL listed AC. **22-120 39.95**

# A COMPLETE SELECTION OF CB ANTENNAS



## Archer® Mobile and CROSSBOW® Base CB Antennas for "Long Range" CB

(1) **Deluxe Magnet-Mount Antenna.** No holes to drill. It mounts on any flat magnet-holding surface. 54" whip. 16-ft. cable and connector. 21-960 ..... **37.95**  
 (2) **Base-Loaded Magnet-Mount.** Stainless whip and spring. 16-ft. cable, connector. 21-940 ..... **26.95**  
 (3) **CB/AM/FM.** Replaces radio antenna. Whip, 8½-ft. cable, splitter, radio and CB connectors. 21-990, **29.95**  
 (4) **No-Hole Trunk-Mount.** Easy, secure mounting. With 16-ft. cable, connector. 21-908 ..... **26.95**  
 (5) **"Shorty" Roof-Mount.** Snap-in mount. With 16-ft. cable and connector. 21-906 ..... **23.95**

(6) **Cellular "Look-Alike" No-Hole Trunk Mount.** With 16-ft. cable and connector. 21-991 ..... **29.95**  
 (7) **Cellular "Look-Alike" Magnet Mount.** No hole to drill. 16-ft. cable, connector. 21-992 ..... **29.95**  
 (8) **48" Marine-Mount Fiber Glass.** Horizontal/vertical mount. 16-ft. cable, connector. 21-976 ..... **37.95**  
 (9) **Single Truckers II.** Heavy-duty. Mounts on vertical or horizontal brackets. Center-loaded. 58" overall. 10-ft. cable, connector. 21-941 ..... **25.95**  
 (10) **Fiber Glass Twin Truckers.** Dual 48" whips. Top performer. 18-ft. cable. 21-945 ..... **44.95**

(11) **Fiber Glass Single Truckers II.** One-whip version of figure 10. 21-939 ..... **26.95**  
 (12) **Gutter Clamp.** Stainless spring, whip. About 37" overall. 10-ft. cable, connector. 21-909, **19.95**  
 (13) **Fold-Down Gutter-Mount.** Center-loaded. Stainless steel spring and whip. About 38" overall. With 10-ft. cable. 21-947 ..... **26.95**  
 (14) **CROSSBOW® Omnidirectional ½ Wave Base Station Antenna.** Rugged fiber glass. Efficient 16-foot radiator. Mounting bracket fits masts up to 1½" diameter. 21-967 ..... **79.95**



## We Have All the Accessories You Need for the Best 2-Way Radio Installation

(1) **Dynamic Mike.** DIN plug. 21-1172 ..... **17.95**  
 (2) **Amplified Noise-Cancelling Mike.** Ideal for mobile use or wherever noise pickup is a problem. Coiled cord. DIN-type plug. Requires Radio Shack #23-601 7-volt battery. 21-1175 ..... **29.95**  
 (3) **Portable Hump Mount.** 21-540 ..... **17.95**  
 (4) **Steel Spring.** Chrome-plated, with removable 3/8"-diameter stud. 21-1118 ..... **9.95**  
 (5) **Slimline Spring.** Chrome-plated, 3/4" long. Removable 3/8" dia. threaded stud. 21-962 ..... **8.95**  
 (6) **Chromed Ball Mount.** 21-1115 ..... **9.95**  
 (7) **Bumper Mount.** Dual chains. 21-910 ..... **12.85**  
 (8) **Mike Clip.** With screws. 21-923 ..... **79c**  
 (9) **Magnetic Mike Holder.** 21-1130 ..... **1.79**  
 (10) **Under-Dash Slide Mount.** CB slides off bracket for safe-keeping. 21-566 ..... **17.95**  
 (11) **12VDC 48" Replacement Cord.** 3-pin plug. Requires 2-amp fuse. 21-550 ..... **3.29**

(12) **Gutter Clamp.** 21-911 ..... **5.99**  
 (13) **Mirror/Luggage Rack Bracket.** For whips with standard 3/8"-dia. thread. 21-937 ..... **8.95**  
 (14) **Antenna Hold-Down Clip.** 21-917 ..... **1.99**  
 (15) **Antenna Feedthrough.** For whips or coils with standard 3/8"-dia. thread. Fits mounting plates up to 1/8" thick. 21-950 ..... **4.99**  
 (16) **Feedthrough/Adapter.** One end accepts standard PL-259 connector, other accepts whip or coil with 3/8" dia. thread. 21-961 ..... **4.49**  
 (17) **Back-of-Set CB Antenna.** 21-921 ..... **7.99**  
 (18) **102" Stainless Steel Whip.** 21-903 ..... **13.95**  
 (19) **102" Fiber Glass Whip.** 21-905 ..... **12.95**  
 (20) **48" Fiber Glass Whip.** 21-934 ..... **10.95**  
 (21) **Replacement Stainless Steel Whip.** With adapter. Replaces whip antennas 21-904/908/940, some other-brand whips. 21-952 ..... **5.95**

(22) **NEW! Amplified Extension Speaker.** Built-in 7.5-watt amplifier gives you the extra volume you often need on the road. For CBs, scanners, cellular phones and ham radios with 1/8" external speaker jacks. With 4-ft. cable, hardware, mounting bracket. 8 ohms. 12VDC neg. gnd. 21-541 ..... **23.95**

(23) **Extension Speaker.** Heavy-duty speaker for many different uses. 10-ft. cable with 1/8" mini-plug. 5-watt capacity. 8 ohms. 21-549 ..... **13.95**

(24) **Coaxial Cable Assemblies.** With PL-259 connectors at both ends.

Length	Cable	Cat. No.	Each
5-ft.	RG-8	278-969	<b>6.49</b>
10-ft.	RG-58	278-966	<b>6.99</b>
50-ft.	RG-8	278-980	<b>32.99</b>
50-ft.	RG-58	278-971	<b>13.99</b>
2-ft.	RG-58	278-968	<b>4.99</b>

# REALISTIC MEANS COMMUNICATIONS



## 2-Meter Synthesized VHF-FM Handheld Transceiver\* Loaded With Important Features

- Large-Capacity Ni-Cd Battery Pack/Charger
- Multifunction Scanning System
- 12 Independently Programmable Memory Channels Plus One Calling and Three Priority Channels
- Subaudible Tone Encoder and Tone Squelch Built In
- Touch-Tone (DTMF) Memory Dialer and DTMF Squelch Built In
- It's Ready-to-Use—We've Included the Accessories Others Charge You Extra For

**NEW!** Realistic® HTX-202 2-Meter Transceiver. Join the action on the most popular ham band—2-meters! Solid, reliable performance built to commercial standards set by Radio Shack's in-house hams. Never before has a handheld come with so many features built in. Highly selective receiver fights intermod and front-end overload. True FM transmit for superior clarity on voice and outstanding performance on packet. Memory dialer stores up to five 15-number sequences for selective calling or autopatch. May be operated directly from 12 volts with five watts minimum output. High/low RF power switch. Includes alkaline battery case for 6 "AA" batteries (extra). (TSP available) **259<sup>95</sup>**  
 19-1120 ..... Low As \$15 Per Month

## "No-Code" License Makes It Easier Than Ever To Discover the Exciting World of Ham Radio!

Amateur radio is the ultimate in hobby communications—an activity enjoyed worldwide by several million and a community resource in times of emergency. Now that the FCC has created the no-code Technician-class license, you can get on the air without having to learn Morse code! A world of adventure awaits—contact other hams directly, through repeater stations or by 'packet' computer-to-computer communications. There are even ham satellites! The no-code Technician-class license gives you full operating privileges on all ham bands above 30 MHz. License classes start in hundreds of communities nationwide every week—visit your nearest Radio Shack store for details!

## Accessories Included!



Case for Six Alkaline Batteries, Belt Clip, Charger, Rubber Ducky Antenna



## 10-Meter Mobile SSB/CW Amateur Transceiver\*

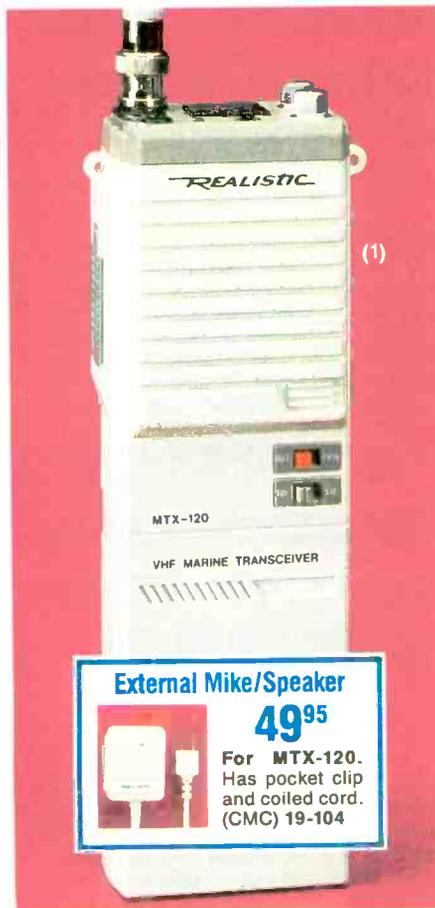
**Realistic HTX-100 10-Meter Mobile Transceiver.** Versatile, for Novice to Extra class. Digital VFO provides full 10-meter coverage and tunes in selectable 10 kHz, 1 kHz or 100 Hz steps. Memory stores 10 frequencies. Also has noise blanker, RIT, lighted LCD frequency display, selectable 5 or 25-watt output, LED power/signal strength meter and on-mike up/down tuning. Operates USB and CW with semi break-in keying and sidetone. Built-in speaker. Jacks: 1/8" for headphone, key, remote speaker. Standard 8-pin mike jack. With bracket, hardware, DC power cord. 2 7/16 x 7 9/32 x 7 7/8". **259<sup>95</sup>**  
 12VDC neg. gnd. (TSP available) 19-1101 ..... Low As \$15 Per Month



## Amateur Radio Study Guides

- NEW! No-Code Technician Class Manual.** No Morse code required! Complete study guide. First edition. 62-2413 ..... **9.95**
- NEW! Now You're Talking.** Study guide for Technician and Novice license, plus a complete introduction to Amateur Radio. 62-2414 ..... **16.95**
- Novice Class License Preparation.** Includes study manual with FCC test questions and answers, plus two code cassettes. Third edition. 62-2410 ..... **19.95**
- Technician Class Manual.** Third edition. 62-2411 ..... **4.95**
- General Class License Preparation.** Manual and two code practice cassettes. 62-2412 ..... **19.95**

# HI-PERFORMANCE MARINE TRANSCEIVERS



## Equip Your Boat Right—Get a Realistic® 2-Way Radio

### Rugged Rechargeable Portable\*

- With Battery Pack and AC Charger
- Receives Nine NOAA Weather Channels

(1) Realistic MTX-120. Provides full-featured 2-way communications on 54 US or international VHF marine channels, plus handheld convenience. You get one-touch pushbutton access to calling/emergency Channel 16, selectable 5 or 1-watt output and a detachable antenna. Includes high-capacity rechargeable battery pack and UL listed AC charger. 8<sup>1</sup>/<sub>8</sub> × 2<sup>1</sup>/<sub>2</sub> × 1<sup>1</sup>/<sub>2</sub>" (TSP available)  
 19-1050 ..... Low As \$15 Per Month **259<sup>95</sup>**  
 Spare Battery Pack. (CMC) 19-103 ..... **64.95**

### Deluxe 25-Watt Transceiver\*

- Selectable 25 or 1-Watt Power Output
- One-Touch Access to Channel 16

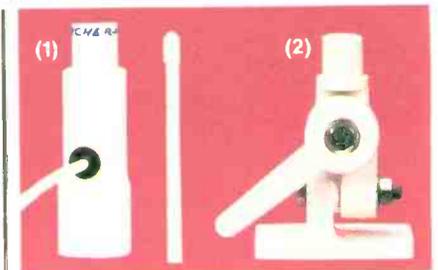
(2) Realistic MTX-101. Ideal for crystal-clear ship-to-ship and ship-to-shore communications from pleasure boats or commercial craft. Gives you instant access to Channel 16 for quick help in an emergency. Operates on 54 US or international channels and receives nine NOAA weather channels. Jack for external speaker. Includes bracket, hardware and detailed instruction manual. 2<sup>3</sup>/<sub>4</sub> × 8 × 9<sup>3</sup>/<sub>4</sub>". 12VDC neg. gnd. (TSP available)  
 19-1002 ..... Low As \$15 Per Month **229<sup>95</sup>**

MARINE RADIOS ILLEGAL FOR LAND USE!

#### External Mike/Speaker

**49<sup>95</sup>**

For MTX-120. Has pocket clip and coiled cord. (CMC) 19-104



## Ham/CB Accessories to Improve Your Radio Installation

(1) **NEW!** Handheld Speaker/Microphone. Keep your ham HT on your belt when operating "pedestrian/mobile". Icom/Yaesu compatible. 19-310, **19.95**  
 (2) **NEW!** 5/8-Wave Magnetic-Mount 2-Meter Ham Radio Antenna. A real powerhouse! Holds securely to any flat magnetic-metal surface. No holes to drill. 19-210 ..... **37.95**

(3) VHF/UHF SWR/Power Meter. For 2-meter and 70 cm Ham radio bands. Low insertion loss lets you leave meter in line. Measures up to 60 watts. SO-239 connectors. 19-320 ..... **39.95**  
 (4) CB/Ham Radio SWR/Field Strength Meter. Get the most power from your CB or HF Ham radio transceiver. Handles 1kW PEP. 3-30 MHz. 21-525 .. **19.95**

(5) Dummy Load. Ideal for transmitter tuneup with an SWR/power meter or checking power measurements of coax cable. DC-500 MHz. Handles up to 100 watts. 21-506 ..... **21.95**  
 (6) Coax Cable Surge Absorber. DC-1.5 GHz. Rated 500 watts PEP to 500 MHz. Connects inline. SO-239 connectors at each end. 20-021 ..... **19.95**

## VHF Marine Radio Antenna

(1) 8-Foot. Fiber Glass. Won't rust. Full 6 decibel gain for maximum range and reliability. Complete with 15-ft. cable and PL-259 plug, for use with Archer Marine Antenna Mount, below. 19-101 ..... **39.95**

## Antenna Ratchet Mount

(2) Durable nylon and stainless steel construction—won't rust. For deck or side-mounting antenna above. 19-102 ..... **14.95**

# GET ON THE FAX TRACK WITH TANDY



## Communicate Globally From Home/Office

- Automatic Document Feeder
- Handset with Memory
- Doubles as a Quick Personal Copier
- 17-Second Average Transmission Speed

**TANDYFAX® 1010.** Simply connect this personal facsimile machine to a rotary or tone phone line and you're ready to send and receive letters, contracts, spreadsheets or graphics in just seconds. Its compact size makes it perfect for any desktop. And with its automatic document feeder, on-hook dialing and copying capability, you can ready documents for transmission or duplication quickly and easily. Other features include immediate/delay auto-answer or manual modes, a variable-speed modem, security code for polling, activity and program reports, auto-redial of busy numbers (up to five redials) and built-in phone with 10-number memory. FCC registered. UL listed. **\$699** (TSP available) 43-1205 ..... Low As \$25 Per Month



## Low-Cost Faxing with High-End Results

- Automatic Reception Mode
- Keeps a Log of Documents Sent and Received
- Built-In Phone with 20-Number Memory
- Doubles as a Copier

**NEW!** **TANDYFAX 1020.** Don't let the low cost mislead you—this compact facsimile machine really delivers! Receivers can readily identify *your* faxes because they're automatically sent with your phone number and company name. Other features include a built-in phone with 20-number memory, number redial, automatic reception, resolution adjustment so you can send the best possible copies, report printout for your records, polling function to retrieve documents from an unattended fax machine, white space compression for reducing transmission time, 16-level halftone for sending photographs and selectable Touch-Tone or rotary dialing. (TSP available) **499<sup>95</sup>** 43-1207 ..... Low As \$20 Per Month



## Untie Your Phone Lines With Our Automatic Fax Switch

- No Need for a Separate Fax Line
- Extension Phones Still Ring Normally

**NEW!** **DUōPHONE® AFX-150.** Make or take voice calls and send or receive documents by fax—on the same phone line! Differentiates between voice and fax calls. Your fax machine—and answering machine—operate normally. (TSP avail.) **89<sup>95</sup>** 43-1240

Available September 30, 1991



## Thermal Paper

**NEW LOW PRICE! Colored Fax Paper.** Yields high visibility/contrast. Won't interfere with photocopying. 8 1/2" x 98' rolls print black. Were \$7.29 in 1991 Catalog.

**Yellow.** 43-1261 ..... **6.99**

**Blue.** 43-1262 ..... **6.99**

**NEW LOW PRICE! White Fax Paper.** 98' roll. Was \$6.29 in '91 Cat. 43-1260 ..... **5.49**

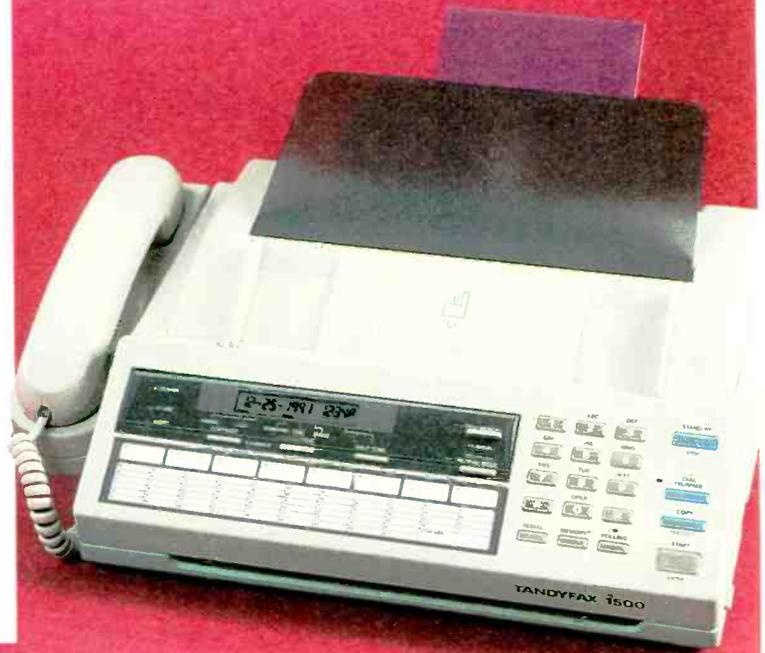
**NEW! White Fax Paper.** 164' roll. 43-1265 ..... **6.79**

# BUSINESS MACHINES PACKED WITH VALUE

## Introducing the Ultimate Name in Communications—TANDYFAX 1500

- Transmits Up to 7 Pages to 70 Different Stations
- Stores Received Documents if Paper Runs Out
- Automatically Feeds Up to 10 Sheets for Transmitting
- Automatic Paper Cutter ■ Answering Machine Jack
- Contrast Control Ensures Best Possible Transmissions

**NEW!** TANDYFAX® 1500. For the best in document transmission and reception, turn to the TANDYFAX 1500. This full-featured facsimile machine is a real time-saver for busy offices. Its internal memory stores up to seven pages of text, while its auto-dialer sequentially transmits those pages to up to 70 stations—all automatically, freeing up valuable staff time. The document feeder accepts up to 10 sheets, eliminating the need for manual single-sheet feeding. Connect an answering machine—the 1500 distinguishes between voice calls and faxes so you never miss a message or document. And if the paper runs out while you're away, it stores received data to print when new paper is loaded. Also features a 17-second average document transmission time; halftone control with 16 shades of grey for crisp, clear documents; auto redial; and white space compression. (TSP available) 43-1215 ..... **Low As \$25 Per Month \$799**



## Desktop/Portable Copier That's Complete and Ready to Use—Just Add Low-Cost Plain Paper

- Everything You Need to Get Started—No Add-On Costs
- Prints Six Copies Per Minute For Only Pennies Per Copy
- Features Automatic Multiple Sheet Feeding
- Handles Up to 8½ x 11" Paper
- Makes Up to 20 Continuous Copies of an Original

Tandy PPC 750. All you need is an AC outlet for high-quality copies. Its slim design (4<sup>7</sup>/<sub>8</sub> x 14<sup>7</sup>/<sub>16</sub> x 15<sup>3</sup>/<sub>4</sub>" ), fold-away paper tray and light carrying weight (less than 25 pounds) make it ideal for desktop or travel. Comes with disposable black toner cartridge and drum. (TSP available)

63-686 ..... **Low As \$20 Per Month \$599<sup>95</sup>**  
 Replacement Black Toner Cartridge. 63-688 ..... **\$99.95**  
 Blue Toner Cartridge. Special Order (CMC). 63-689 ..... **129.95**  
 Red Toner Cartridge. Special Order (CMC). 63-690 ..... **129.95**  
 Replacement Drum. Special Order (CMC). 63-687 ..... **199.95**



Carry Handle for Easy Portability



Folding Paper Trays Recess Into Sides

# DUÖFONE CORDLESS—THE QUALITY CHOICE



**Our Finest! Speakerphone,  
New Super CCT Circuitry,  
Intercom, 30-Number Memory**

**NEW!** DUÖFONE® ET-495. The ultimate! Advanced CCT system provides corded-phone sound quality, reduces background noise and increases operating range on handset use. Make or take calls using handset or speakerphone base, and talk between the two using the intercom. If you use intercom during a call, the call is placed on hold. Separate two-way paging "beeps" base or handset from other location. All 10 cordless phone channels are built in—just touch a button to choose best range and reception, even during a call. Has 30-memory speed-dialing, plus convenient 640,000-combination auto-load security code and COM-LOK® security system to prevent unauthorized calling through your phone line. Both handset and base have flash for use with Call Waiting, plus privacy, touch-redial, and ringer hi/lo/off controls. Receiver volume control. Programmable Touch-Tone/pulse dialing allows use on any phone line. For desk or wall-mounting. (TSP available)  
43-567 .. Low As \$15 Per Month

**159<sup>95</sup>**

**NEW!** DUÖFONE ET-490. Features cordless convenience plus corded-phone sound quality with Super CCT system and 10-channel operation. Gives you the same great features as the ET-495 above, except speakerphone and intercom. Page key on base "beeps" handset. (TSP available)  
43-566 .. Low As \$15 Per Month

**139<sup>95</sup>**

## You've Never Seen a Phone Like Our Cordless Trim-Fone!

**DUÖFONE ET-385.** No cord between wall and the phone! It's perfect for table, patio, bathroom—anywhere you want a phone, but don't have a phone jack. Months of life from three ordinary "C" batteries (extra), so it stays where it is with no need for recharging. Redial, flash for Call Waiting. Security code. Touch-Tone/pulse dialing. Controller has UL listed AC adapter, installs anywhere with modular jack and AC outlet. (TSP available)  
43-570, Low As \$15 Per Month

**99<sup>95</sup>**

Take it  
(or leave it)  
Where You  
Need it!



## Carrying Case



Hooks on a belt loop, so you can keep your phone at your side. Protects and also provides convenient hands-free carrying for most cordless handsets. Soft black vinyl.  
43-190

**549**

## Flexible Antenna



Installs in just seconds! Replaces inconvenient, bent or broken telescoping antennas on most cordless handsets—no need to remove your existing antenna.  
43-189

**549**

# DON'T GET TIED DOWN—GO CORDLESS!



## Advanced Super CCT Circuitry Plus 30-Memory Speed-Dialing

**NEW!** (1) DUōFONE ET-475. Packed with value and convenience! Make or take calls from any room in the house, or even outdoors—the super CCT system gives you communication clarity rivaling that of corded phones, while reducing background noise and increasing effective range. You also get convenient, easy-to-program speed-dialing of 27 numbers, plus three instant-dial priority memories that are ideal for storing emergency numbers. Has COM-LOK security system and auto-set 64,000-combination security code, so you'll never have to worry about nearby cordless users phoning on your line. Features flash key for services like Call Waiting and office PABX, LDT for using tone-dial services on pulse lines, plus touch-redial, and privacy keys. Handset has LED low-battery indicator, base has LED charging and handset in-use indicators. Switchable Touch-Tone/pulse dialing. (TSP available) **119<sup>95</sup>**  
43-572 ..... Low As \$15 Per Month

**NEW!** (2) DUōFONE ET-470. Features advanced Super CCT system for extra-clear communication, plus three instant-dial priority numbers. Same quality features as above, but without the 27 speed-dial memories and the LED in-use indicator. Switchable Touch-Tone/pulse dialing. (TSP available) **99<sup>95</sup>**  
43-571, Low As \$15 Per Month



## Two Lines, Hold, Speed-Dialing

■ Line-Status Indicators

DUōFONE ET-422. Ideal for a 2-line home or office! Has 30-memory speed-dialing and amplified handset with volume control. LEDs for each line show if line is ringing, or in-use or on-hold by any phone. Flash for Call Waiting. Redial. Tone/pulse dialing. (TSP available) **149<sup>95</sup>**  
43-560, Low As \$15 Per Month



## Our Lowest Priced Is High in Value

■ Base Unit "Beeps"  
Handset

DUōFONE ET-394. Even our budget-priced cordless is sure to please. Gives you convenient base-to-handset paging, and one-touch redial, along with auto-load and COM-LOK security codes to protect your line. Has LED charging and low-battery indicators. Tone/pulse dialing. (TSP available) **99<sup>95</sup>**  
43-554, Low As \$15 Per Month

## DUōFONE® Talk Really Gets Around With a Cordless in the Home or Office

DUōFONE cordless phones are built to excel. Each model must pass tough quality-control tests including environmental extremes, drop survival and "real world" field testing. From our first cordless in 1979, we have led the way in bringing you innovative features at affordable prices. This year, we introduce new Super CCT Circuitry. It brings you the best-available transmission clarity, while decreasing background noise and increasing effective

communication range. It's the best you can get, and it's standard on four of our seven cordless phones. In addition, each DUōFONE has a built-in security system to protect you from unauthorized use of your line. Each gives you maximum legal talk-power, is FCC registered, and has a wall-mountable base. Each is certified to comply with all applicable UL standards and is hearing-aid compatible. And every one is backed by our Satisfaction Guarantee.

# MAKE RADIO SHACK YOUR PHONE COMPANY



## Phones With Exciting New Designs—The Latest Fashion and Features

**Krystal™ II Phone.** It's beautiful. Hold button with LED automatically releases when you pick up your call at another extension. Touch-redial calls the last number dialed with one touch if it was busy or there was no answer. Flash button for use with services like Call Waiting. Ringer hi/lo switch. 43-368

**49<sup>95</sup>**

**Clear-Fone™.** This fun-design "high-tech" phone with transparent case and colorful internal components lights up when it rings, with no extra wiring needed. Has lighted dial too, plus convenient one-touch redial of last number called and bell ringer on/off switch. Neat look for either desk or wall. 43-371

**39<sup>95</sup>**

**Accord™ Phone.** A classy, soft pastel blue accent combines with a versatile but compact modern design to create a phone that looks great in just about every decor. Ideal for desktop in either home or office. With handy hi/lo/off ringer control switch. Modular connectors for easy hookup. 43-800

**31<sup>95</sup>**

**NEW!** **Radio Shack ET-205.** Big buttons—big style! Bold looks and the most convenient features make this phone an exciting complement to any room. Easy-to-dial buttons. Flash button, one-touch redial, LED on-hold indicator and hi/lo ringer control. For desk or wall. 43-802

**39<sup>95</sup>**



## Phones With the Latest Advances in Style and Technology

**Constellation™ Phone.** Distinctive, futuristic design complements the desktop of any contemporary home or office. Convenient hold with LED on-hold reminder indicator. Features one-touch redial and switchable hi/lo ringer control that lets you adjust the volume to the most comfortable level. 43-358

**44<sup>95</sup>**

**NEW!** **Midnight™ Phone.** Elegant midnight black phone is both classic and contemporary, so it looks great with any decor. Has hold button with LED, flash for services like Call Waiting, and one-touch redial of last number called. Hi/lo/off ringer control. 43-815

**44<sup>95</sup>**

**Mayfair™ Phone.** Sleek, sophisticated design for a modern effect. Has hold button with LED indicator to remind you of callers on hold. One-touch redial makes it simple to redial any number if it was busy or there was no answer. Adjustable hi/lo ringer volume control. 43-350

**39<sup>95</sup>**

**President™ Phone.** Bold styling, executive features! Includes hold button with LED status indicator, flash, even a mute button for confidential in-room conversations. Handy one-touch redial, and switchable hi/lo/off ringer control. Was \$59.95 in 1991 Catalog. 43-803

**NEW LOW PRICE!**  
**49<sup>95</sup>**



## Phones Specially Designed for People With Special Needs

**Radio Shack ET-204.** Amplified handset with volume control. Big dialing buttons plus easy speed-dialing of up to 20 numbers from memory. Memory index card. Convenient one-touch redial calls last number dialed if it was busy or did not answer. Ringer hi/lo/off control. Desk/wall mount. 43-349

**59<sup>95</sup>**

**Radio Shack ET-276 Trim-Fone®.** Amplified handset with volume control specially designed for use in a noisy environment or as an aid to the hearing impaired. Handy lighted keypad for easy dialing at night plus one-touch redial of last number called. Bell ringer on and off control. For desk or wall. 43-579

**49<sup>95</sup>**

**Radio Shack ET-203.** Big, convenient buttons are easy-to-see and easy-to-dial. Amplified handset with volume control to adjust sound to a level that's comfortable for you. Hold button with reminder indicator LED, one-touch redial, and ringer hi/lo/off controls. Desk or wall mount. 43-338

**49<sup>95</sup>**

**Radio Shack ET-178.** Easy-to-hold "K" style handset, oversize buttons with large, easy-to-read numbers for effortless dialing. Adjustable amplifier control lets you increase or decrease handset listening volume to a personalized sound level. Has one-touch redial and on/off bell ringer control. 43-578

**49<sup>95</sup>**

# PHONES DESIGNED FOR EVERY PURPOSE



## Innovative, Top-Quality Phones That Look and Perform Great

**Santa Fe™ Phone.** Contemporary style adds a touch of the modern southwest to your furnishings. Features 20-number speed-dialing, including four convenient one-touch priority dial memories for frequently called or emergency numbers. Hold button, touch-redial and adjustable ringer control. 43-348 **49<sup>95</sup>**

**NEW! Ruby™ Phone.** Bright color, bold styling and extra-durable construction—all in one compact package. Loaded with the most convenient features like hold with LED indicator. One-touch redial of last number called if it was busy or there was no answer. On/off ringer switch. 43-816 **37<sup>95</sup>**

**NEW! Clearset Mini-Fone.** Fun and bright! One-piece-style phone lights up when it rings. Clear casing lets you see all the internal components. Great for end table, kids' extension, playroom, or wherever you need a touch of excitement. It's a real conversation piece! 43-817 **17<sup>95</sup>**

**NEW! Tudor™ Phone.** Great looks combined with practical features. Elegant yet modern—the perfect complement to any decor. Has flash button for use with services such as Call Waiting, LED ring indicator and one-touch last-number redial. Hi/lo ringer switch to adjust the volume. 43-818 **27<sup>95</sup>**



## Phones With a Choice in Styles and Designs That Can't Be Matched

**NEW! Diana™ Phone.** The one that fits anywhere. Tasteful, understated granite design adds a modern feel to your surroundings. All the most-wanted features including "flash" button, hold with LED indicator, last-number redial and ringer hi/lo/off volume control. 43-384 **34<sup>95</sup>**

**NEW! Krystalite™ Neon Phone.** Elegant design adds the glow of neon to any decor. Adjustable—set the mood by controlling the brightness, or turn it off completely. Light flashes when phone rings. Hold, redial, ringer on/off switch. Pink, 43-809. Blue, 43-810 **EACH 59<sup>95</sup>**

**NEW! Fiesta™ Phone.** Pastel-colored buttons, modern styling—this phone is a bright addition to any room or office. Hold button with LED reminder, and one-touch last-number redial. "Flash" button for use with services like Call Waiting. Hi/lo/off ringer control switch. 43-819 **39<sup>95</sup>**



## Practical, Dependable Telephones That Get the Job Done

**Radio Shack ET-282 Slim-Fone®.** Simply the ultimate in convenience and practicality. Speed-dials 20 frequently called numbers up to 16 digits each. Redial with pause for phone systems requiring access code. Hi/lo/off ringer control. **EACH 29<sup>95</sup>**  
Choice of two colors. White, 43-542. Almond, 43-548

**Radio Shack ET-292 Trim-Fone.** Compact, yet packed with convenient features. Speed-dials up to 20 numbers. Features easy-to-see lighted keypad for dialing in any level of room light. Last-number redial with pause. Bell ringer on/off switch. **EACH 44<sup>95</sup>**  
White, 43-581. Almond, 43-582

**NEW! Radio Shack ET-141.** Designed and crafted for today's lifestyle. Features 20-number speed-dialing with personal phone directory and big, easy-to-use buttons. Has hold button with LED, flash button, one-touch last-number redial, and a comfortable "K"-style handset. 43-596 **49<sup>95</sup>**

**Radio Shack ET-295 Trim-Fone.** Speed-dials up to 33 numbers and has three programmable priority buttons for frequently called or emergency numbers. LCD display shows number being dialed and indicates low battery. Last-number redial with pause, for desk or wall. Requires 2 "AA" batteries. 43-536 **54<sup>95</sup>**

# AFFORDABLE PHONES & HANDY ACCESSORIES



## Hands-Free Universal Phone Headset

- Great for Secretaries, Busy Executives, Anyone Who Needs To Talk and Listen Hands Free—Even Teens

**DU6FONE®-129.** A "must" for anyone who needs to keep hands free during phone conversations. This comfortable headset features an adjustable mike boom, volume control and a headset/handset switch. There's no need to unplug the headset to switch to handset use. A top-quality electret condenser mike assures clear transmission of your voice. Works with most phones with a modular handset. Auto-shutoff system conserves batteries. Battery-test LED. Requires 4 "AA" batteries (TSP available) 43-172 **49<sup>95</sup>**

Not compatible with dial-in-handset and some electronic phones.

## Portable Listener

Boosts incoming voice so others nearby can hear the conversation. Has suction cup pickup and volume control. Requires 9V battery or AC adapter. 43-231, **8.95**



## Handset Amplifier

Boosts the incoming sound. For phones with a modular handset cord. Volume and tone controls. Requires 9V batt. 43-237, **19.95**  
Not compatible with dial-in-handset and some electronic phones. Phone not included.



## Shoulder Rest

**NEW!** Frees your hands during conversations. It's padded for comfort and easy to install on most handsets. Adjusts for left or right shoulder. 43-119 . . . . **5.49**  
Phone not included.



## Snap-On Amplifier

Boosts incoming sound. Portable. Use it at home, take it along. Works with most telephones. Requires "N" batt. 43-229, **10.95**



## Wall Phone With Hold

- Hold Button With LED Reminder
- Touch-Redial ■ Ringer Hi/Lo/Off

**Mini Wall•Fone.** Just press a button to put a call on hold. It's really handy when you want to continue your conversation on an extension telephone. Features convenient touch-redial of the last number dialed and hi/low/off ringer control. 43-337 **39<sup>95</sup>**



## Desk Phone With Hold

- Hold Button With LED Reminder
- Choice of Four Decorator Colors

**Radio Shack ET-171.** This attractive phone has handy touch-redial of last number dialed, a hi/low/off ringer volume control and a detachable handset cord. Beige, 43-375. Black, **EACH 43-377.** White, 43-374. **39<sup>95</sup>** Brown, 43-376.



## With Lighted Keypad

- Touch-Redial ■ Bell On/Off
- Choice of Three Decorator Colors

**ET-290 Trim•Fone®.** A lighted keypad makes dialing easy in any level of room light. Features touch-redial of the last number dialed, bell ringer on/off control. For desk or wall. White, **EACH 43-585.** Almond, 43-586. **34<sup>95</sup>** Gray, 43-587.



## Desk/Wall Phone

- Touch-Redial ■ Ringer Hi/Lo/Off
- Available in Two Decorator Colors

**ET-272 Slim•Fone®.** Dependability and trim styling on a budget! This phone gives you the convenience of touch-redial of the last number dialed, hi/low/off ringer control and a 14-foot cord. Almond, 43-539. **EACH 24<sup>95</sup>** White, 43-540.



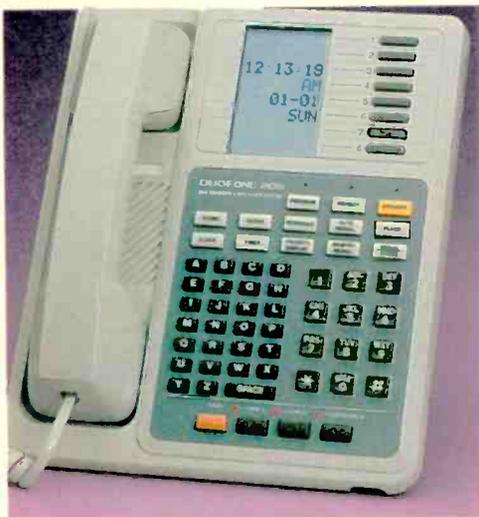
## Personal Phone

- Touch-Redial ■ Ringer Hi/Lo/Off
- For Desk, Bedside Table or Wall

**ET-126 Mini•Fone™ Telephone.** Compact one-piece design lets you "hang up" on any flat surface. You can also wall-mount this phone with its included bracket. Has touch-redial. Like all our phones, it's backed by a one-year limited warranty. 43-500 **19<sup>95</sup>**



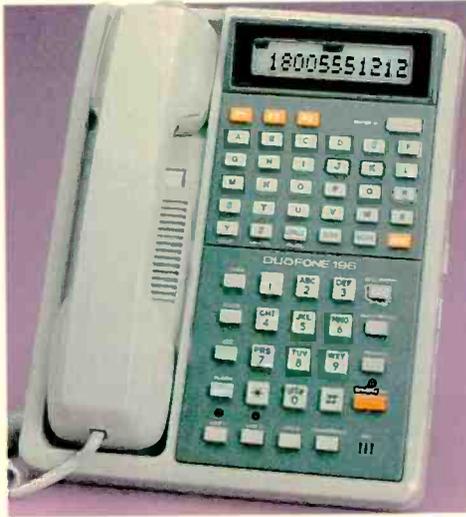
# TWO-LINE PHONES FOR BUSINESS AND HOME



## Speakerphone With LCD Alphanumeric Display

- Stores Up to 304 Numbers ■ Index Display
- Time/Date Display ■ Conference Calling

**DU6FONE®-206.** Stores and displays telephone numbers by name! Press the button next to the displayed name for fast, accurate speed-dialing. Has 30-event appointment calendar with alarm, call timer and priority buttons for eight frequently called numbers. Auto-redial calls busy and unanswered numbers up to 10 times. You also get memory-redial, hold, separate LED line-status indicators and hi/low/off ringer controls for each line. For desk or wall. UL listed AC adapter. Requires 4 "AA" batteries. (TSP avail.) **199<sup>95</sup>**  
43-631 . . . . Low As \$15 Per Month



## 190-Memory Speakerphone With Conference Calling

- Memory Stores Up to 190 Numbers
- LCD Alphanumeric Display ■ Call Timer

**DU6FONE-196.** Stores and displays numbers by name for fast speed-dialing. Also displays time, number dialed and call length. Has priority buttons for three frequently called numbers. Conference button allows 3-party calls. Auto-redial calls numbers up to 10 times if busy or not answered. You also get flash and pause keys for special services, plus separate LED line-status indicators and hi/low/off ringer controls for each line. For desk or wall. UL listed AC adapter. Requires 2 "AA" batteries. (TSP available) **149<sup>95</sup>**  
43-626 . . . Low As \$15 Per Month



## Speakerphone With Hold, Speed-Dialing & Conference

- Stores Up to 33 Numbers for Speed-Dialing
- LED Status Indicators for Each Phone Line

**DU6FONE-210.** Hands-free calling plus priority buttons for one-touch access to three frequently called or emergency numbers. Has a conference button for 3-party calls, different-sounding ringers for each line with separate hi/low/off volume controls, plus handy touch-redial of the last number dialed. LEDs indicate which line is ringing, on-hold or in-use. Also has flash button for services like Call Waiting, speaker volume control. For desk or wall. UL listed AC adapter. Requires 2 "AA" batteries. (TSP available) **99<sup>95</sup>**  
43-615 . . . . Low As \$15 Per Month



## Traditional Styling

**Radio Shack ET-180.** Make calls on either line and put one or both lines on hold. Separate ring/hold LEDs for each line plus different-sounding ringers. Touch-redial and ringer hi/low/off control. **59<sup>95</sup>**  
(TSP available) 43-373



## Decorator Design

**ET-184 Fashion•Fone®.** Low-profile styling plus conference for 3-party calling. You can put one or both lines on hold. Separate ring and on-hold LEDs for each line. Touch-redial. Ringer hi/low/off control. **59<sup>95</sup>**  
(TSP available) 43-620



## Desk/Wall Compact

**ET-291 Trim•Fone.** With ring and hold LED indicators for each line, conference feature for 3-party calls, separate hi/low/off ringer controls, touch-redial. Even a handy index for your important numbers. **59<sup>95</sup>**  
(TSP available) 43-621



## Speed-Dialing

**Radio Shack ET-142.** Speed-dials 20 numbers of up to 16 digits each. Has hold for one or both lines, big buttons for easy dialing, ring/hold LEDs. Touch-redial. Memory backup requires 2 "AA" batteries. **69<sup>95</sup>**  
(TSP available) 43-640

# RADIO SHACK—YOUR TELEPHONE COMPANY

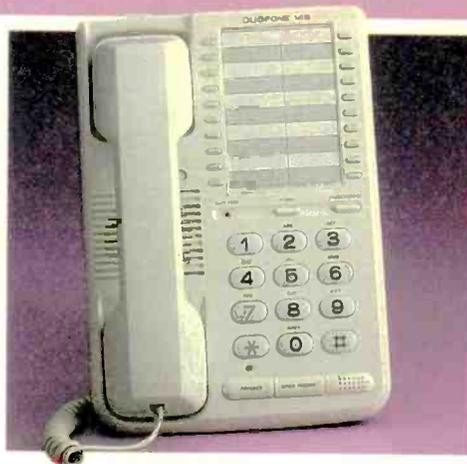


## Alphanumeric Speakerphone

**DU6FONE-203.** Two-way speakerphone for hands-free calls. Speed-dials 200-memory numbers by name, not code. Has three one-touch priority buttons and last number redial. Flash, high/low/off ringer control. Desk/wall. Requires 2 "C" batteries. Was \$119.95 in 1991 Catalog. (TSP available)

43-624 ..... Low As \$15 Per Month

**NEW  
LOW PRICE!**  
**99<sup>95</sup>**



## 20-Memory Speakerphone

**DU6FONE-148.** One-touch speed-dialing of frequently called numbers. Privacy button for in-room comments. Redial button, flash/pause for PABX and special services. High/low/off ringer control. For desk or wall-mounting. Requires 2 "AAA" batteries. Was \$79.95 in 1991 Catalog. (TSP available) 43-612

**NEW  
LOW PRICE!**  
**69<sup>95</sup>**



## Lightweight Headset Telephone

**DU6FONE-151.** Feather-light headset with adjustable mike. Earpiece can be worn on either side of the head. Quick-disconnect plug lets you temporarily disconnect phone line without removing headset. Hold button with on-hold LED. Touch redial, flash, talk/hang-up buttons. Volume, high/low/off ringer controls. (TSP available) 43-590

**49<sup>95</sup>**



## 90-Memory Speakerphone

- 30 Direct-Access Memories
- Privacy Control Button
- LCD Display ■ Auto-Redial

**NEW!** **DU6FONE-188.** 10-digit LCD display shows number dialed, time and call duration. Memory stores up to 90 numbers for fast, accurate speed-dialing. Auto-redial of last number called up to 10 times. Speakerphone for hands-free operation and on-hook dialing. Privacy button for in-room comments. Flash, high/low/off ringer control. Desk/wall. Requires 2 "C" batteries. (TSP available) 43-618

**79<sup>95</sup>**



## 30-Memory Speakerphone

- 2-Way Speakerphone
- Flash for Use With Call Waiting
- Three One-Touch Memories

**DU6FONE-183.** Built-in memory lets you create your own directory. Programmable tone/pulse dialing for using services like bank by phone. Convenient 2-way speakerphone for hands-free conversations and on-hook dialing. Pause, LDT, privacy buttons. Adjustable high/low/off ringer control. Desk/wall. Memory backup requires 4 "AA" batteries. (TSP available) 43-608

**69<sup>95</sup>**

**WHY YOU  
SHOULD BUY  
YOUR PHONES  
FROM  
RADIO SHACK**

Whether for business or personal use, your phone is very important. That's why all of our telephones are designed, built and tested to assure reliability. Unlike many other brands, our extra-feature phones maintain basic operation even if external power fails—you'll never be out of touch. All models are FCC registered. And our quality-control programs, including drop tests and temperature extremes, mean you can expect years of trouble-free operation.

Radio Shack offers a wide variety of phones, many with special convenience features. Easy to use, they're ready to plug in with standard modular connectors and include illustrated instructions. All are hearing-aid compatible. All are backed by a full one-year limited warranty, with extended Tandy Service Plans available. Best of all, service and a complete line of accessories are available near you, through 7000 Radio Shack locations in the USA.

# MULTIFEATURE MULTILINE TELEPHONES



## Feature-Packed 4-Line Telephone Systems

(1) **DUOFONE System-411.** Discover the economy of owning your own business phone system with features like a built-in 2-way intercom that requires no extra wiring, Centrex/PABX compatibility, and line-status LEDs. Expands to 12 stations. Individual station line-ringer controls, plus a do-not-disturb button for privacy. Flash for services like Call-Waiting. Tone/pulse dialing. Redial, aux jack for adding speaker or answerer. 9 1/4 x 7 1/4 x 2 3/4". For desk or wall use. UL listed AC adapter. Ringer backup requires 9V battery. (TSP available) 43-456 ..... **Low As \$15 Per Month**

**149<sup>95</sup>**

(2) **DUOFONE-406.** Easy plug-in installation, plus all the same features of system above except intercom, do not disturb and paging. 9 1/4 x 7 1/4 x 2 3/4". Desk/wall. UL listed AC. Requires 9V battery. (TSP available) 43-453 ..... **Low As \$15 Per Month**

**119<sup>95</sup>**

## No Wiring — Intercom, Speed-Dialing Speakerphone

**DUOFONE System-412.** This versatile system handles up to four phone lines and expands to 10 stations. LEDs tell you at a glance which lines are free, in use, ringing or on hold. Use the built-in 2-way intercom to call an individual station or page all through built-in speakers. Line-lock button keeps conversations private. Ringer and intercom disabler to prevent interruptions during meetings. Individual line-ringer controls at each station determine which lines ring. Memory stores up to 20 numbers for speed-dialing. Redial plus separate auto-dial button for calling last number. Tone/pulse dialing. 9 1/2 x 7 1/4 x 2 3/4". UL listed AC. Requires 9V battery. (TSP available) 43-460 ..... **Low As \$15 Per Month**

**199<sup>95</sup>**



## 2-Line Phones With Built-In Intercoms

(1) **DUOFONE System-209.** Speakerphone with conference, paging, 20-number memory. Flash, LED status, hold/privacy. UL listed AC adapter. Memory backup requires 2 "AAA" batts. (TSP avail.) 43-617, Low As \$15 Per Month

**119<sup>95</sup>**

(2) **DUOFONE System-208.** Same system as above, but less speakerphone feature. Memory backup requires 2 "AAA" batteries. (TSP available) 43-616, Low As \$15 Per Month

**99<sup>95</sup>**

## Telephone System Compatibility Information

	43-616 Sys 208	43-617 Sys 209	43-453 Sys 406	43-456 Sys 411	43-460 Sys 412
Sys 208	X✓	X✓	X	X✓	NC
Sys 209	X✓	X✓	X	X✓	NC
Sys 406	X	X	X	X	NC
Sys 411	X✓	X✓	X	X✓	NC
Sys 412	NC	NC	NC	NC	X✓

X=LINE STATUS INDICATORS ARE COMPATIBLE  
 ✓=INTERCOM FEATURES ARE COMPATIBLE  
 NC=NOT COMPATIBLE

# STAY IN TOUCH EVEN WHEN YOU'RE OUT



## Remote With Message Counter

- LCD Displays the Number of Messages Received
- Answerer Stops When You Pick Up the Phone

**NEW!** DUÖFONE® TAD-425. Beeperless remote, voice actuation, variable-length announcement, programmable security code, remote turn-on, dual cassettes, memo recording, Toll-saver and 2-way call recording. 2 1/8 x 9 1/4 x 8 3/8". Memory backup requires 9V battery. (TSP available) 43-711 ..... Low As \$15 Per Month

**119<sup>95</sup>**



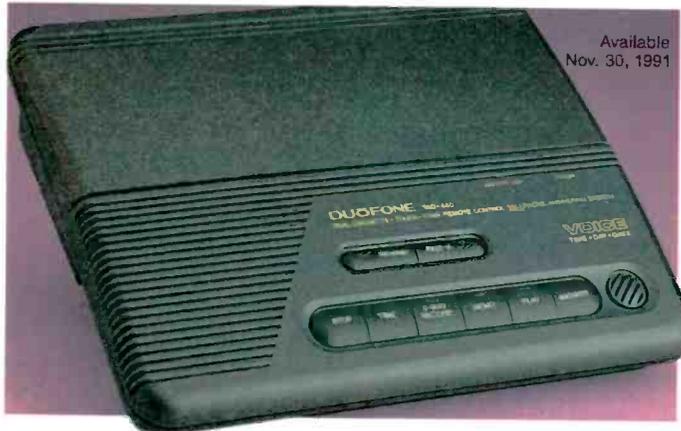
Available  
Sept. 30,  
1991

## Voice Mail With Programmable Security

- Choice of Two Announcements—Standard Message or Alternate Announcement the Caller Accesses Using a Special Code

**NEW!** DUÖFONE TAD-345. Voice Mail lets you tell your friends you'll be away without telling strangers! Beeperless remote, auto-reset, remote turn-on, 2-way and memo recording, voice actuation, selectable 30-sec./3-min. incoming message length, Toll-saver, room and call monitors. 2 x 7 7/8 x 5 3/8". (TSP available) 43-700 ..... Low As \$15 Per Month

**99<sup>95</sup>**



Available  
Nov. 30, 1991

## Beeperless With Time/Date Stamp

- You Can Control It From Any Touch-Tone Phone
- Digital Voice Gives Helpful Operating Prompts
- Announces Number of Calls and Messages Left

**NEW!** DUÖFONE TAD-440. "Stamps" time, day and date on each incoming message. Features include variable outgoing message length, immediate/delay answer, Toll-saver, selectable 30-second/3-minute maximum incoming message length. Auto-reset stops answerer announcement when phone is picked up. Selectable security code, memo recording for personal messages, announce-only, 2-way recording, remote turn-on, room monitor, voice actuation of incoming messages, Calling Party Control, call-monitor, cue/review. 2 1/4 x 9 x 7 3/4". Memory backup requires 9V battery. (TSP available) 43-400 ..... Low As \$15 Per Month

**119<sup>95</sup>**



Multifunction  
LCD Display

## Timer-Activated With LCD Display

- Automatically Turns On and Off at Preset Times
- LCD Shows Time, Timer Status, Number of Calls Plus Number And Type of Messages That Were Left

**NEW!** DUÖFONE TAD-450. The one with all the answers! Digital LCD displays everything you want to know about the status of the answerer. Phone from a remote location and a digital voice reports the number of calls you received and how many messages were left. Incoming messages are "voice stamped" with time, day and date received. Auto-reset stops answerer if you pick up the phone. Beeperless remote operation. Dual cassettes, Toll-saver, memo recording, 2-way recording, selectable security code. 2 1/8 x 9 1/4 x 8 3/8". Memory requires 9V backup battery. (TSP available) 43-720 ..... Low As \$15 Per Month

**139<sup>95</sup>**

# DUōFONE—ANSWERING AMERICA'S CALLS<sup>SM</sup>



## Microprocessor And Dual Cassettes

- Microprocessor & Soft-Touch Controls Handle Functions Quickly and Smoothly

DUōFONE® TAD-410. Records your outgoing message of any length. Selectable 30-sec./3-min. maximum incoming message length. Voice actuation, CPC and remote turn-on. Auto-reset stops message when you pick up phone. 2<sup>1</sup>/<sub>4</sub> × 9 × 7<sup>3</sup>/<sub>4</sub>". (TSP available) 43-398 **79<sup>95</sup>**



DUōFONE TAD-412. Same features as unit above, plus remote message retrieval and reset, selectable security code. Toll-saver indicates if there are any new messages. 2<sup>1</sup>/<sub>4</sub> × 9 × 7<sup>3</sup>/<sub>4</sub>". (TSP available) 43-399 ..... Low As \$15 Per Month **99<sup>95</sup>**



## Our Easiest To Use Answerer

DUōFONE TAD-241. Built-in voice delivers announcement in selectable man's or woman's voice. Records sixty 30-second incoming messages on one cassette. Message received indicator. Call-monitor. 1<sup>7</sup>/<sub>8</sub> × 7<sup>1</sup>/<sub>8</sub> × 4<sup>1</sup>/<sub>4</sub>". (TSP available) 43-393 **59<sup>95</sup>**

## Two Phone Lines and Beeperless Remote

DUōFONE TAD-430. Answers two separate lines. If both lines ring, the first caller is greeted by your personal message, the second by a built-in voice announcement. Dual cassettes, toll-saver. Selectable security code, call monitor, auto-reset, remote turn-on. 2 × 9<sup>1</sup>/<sub>4</sub> × 8<sup>1</sup>/<sub>2</sub>". Was \$129.95 in 1991 Catalog. (TSP available) 43-712 ..... Low As \$15 Per Month **NEW LOW PRICE! 119<sup>95</sup>**



## Microcassette Answerer Telephone

- Beeperless Remote Control
- Security Code
- Trim•Fone With 20-Number Speed-Dialing
- One-Touch Dialing for Three Emergency Numbers

DUōFONE TAD-247. Call-monitor, message counter and tape-full message. Lets you change outgoing messages by remote. Toll-saver, memo and 2-way recording, redial, pause, flash, ringer on/off. Tone/pulse dialing. 3<sup>1</sup>/<sub>2</sub> × 5<sup>1</sup>/<sub>4</sub> × 9". With 357A battery for memory backup. (TSP available) 43-385 ..... Low As \$15 Per Month **99<sup>95</sup>**



## Dual Microcassette Answerer With Phone

- Selectable 30-Sec./3-Min. Message Length
- Slim•Fone With 20-Number Speed-Dialing

**NEW!** DUōFONE TAD-270. You select the security code. Immediate/delay answer, toll-saver, beeperless remote, variable announcement length, voice actuation, memo and 2-way recording, call-monitor and programmable tone/pulse dialing. 3<sup>3</sup>/<sub>8</sub> × 6<sup>1</sup>/<sub>4</sub> × 9". (TSP available) 43-706 ..... Low As \$15 Per Month **129<sup>95</sup>**

## DUōFONE® You'll Get Your Messages Clearly Every Time

DUōFONE answerers deliver the features you need plus "extras" other ordinary brands don't give you. Everything you need to deliver and receive messages clearly is built in. Tape jam and break sensor keep your phone line free by turning off the answerer if a tape ever malfunctions. Power-interrupt protection preserves messages and operational mode during brief power failures—returns to last setting when power is restored. Built-in electrical spike protection exceeds FCC requirements. Every DUōFONE is FCC registered and certified to meet all applicable UL standards.

Most models feature dual cassettes to make it easy to change announcements and store received messages. All beeperless remote answerers have Toll-saver to indicate if there are any new messages—saves you money on possible long-distance charges. Our Quality-Assurance programs include drop tests, extreme heat/cold environmental tests and simulations of 10 years of operation—that means you get trouble-free use. DUōFONE answerers also feature "instant" modular installation and illustrated instructions for easy operation. DUōFONE is the clear choice!

# HANDY HELPERS FOR PHONES & ANSWERERS



## Answering Machine Two-Line Adapter

Allows your phone answerer to answer calls on either line. Modular plug-in hookup. Phone line powered, requires no batteries or AC. 43-383

**21<sup>95</sup>**

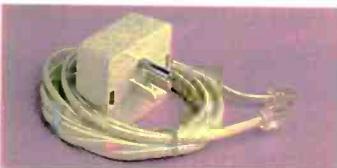


## The Teleprotector® Voice/Data Guard

- Stops Your Answering Machine When You Pick Up the Phone
- Prevents Costly Interruptions To Your Fax or Modem

Prevents interruption of fax or modem when someone picks up an extension phone. Also stops answerer's outgoing message when you pick up call at an extension. 43-107

**7<sup>95</sup>**



## Spike Protector

Helps prevent costly damage to modems, faxes and phones due to voltage spikes on phone line. Plug-in hookup. For RJ11C modular jacks. Requires 3-prong AC outlet. 43-102

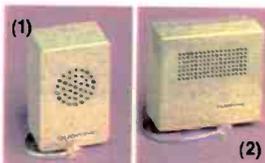
**12<sup>95</sup>**



## Four-Line Tap

Increases versatility and saves money by allowing you to connect single-line phones and other devices to your 1A2 multiline business phone system. 1 1/4 x 2 3/8 x 4". 43-270

**19<sup>95</sup>**



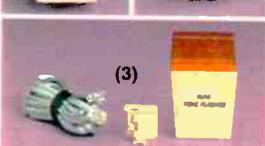
## Telephone Extension Bells

(1) **Indoor Extension Bell.** Cancels phone's electronic ringer or works by itself. Plugs into modular jack. 43-175 ..... **14.95**

(2) **Extra Volume.** Really loud—the way phones used to ring. Volume control. For indoors. 43-173 ... **21.95**

(3) **Outdoor.** Handy for porch, patio, garage, warehouse. Weather-resistant housing. Modular jack. 43-174 ..... **29.95**

## See It Ring! Fone-Flashers



(1) **Fone-Flasher 2.** Activates built-in strobe light and ringer when phone rings. Selectable modes. Plugs into modular jack. UL listed AC. 43-178 ..... **29.95**

(2) **Fone-Flasher®.** Turns a lamp off and on when phone rings. Ideal for use in noisy areas or by persons with impaired hearing. For incandescent lamp up to 300W. Plug-in hookup. UL listed AC. 43-177, **14.95**

(3) **Mini Fone-Flasher.** Ideal for offices with many phones—shows which phone is ringing. Has 7-foot modular cord and duplex jack. Powered by phone line. 43-179 ..... **8.95**



Phone not included



## Silencer and Pen

(1) **Ringer Silencer.** Flip the switch and phone's ringer is disabled but you can still make calls. For phones with detachable modular cord. 7-foot cord. 43-127, **7.95**

(2) **Pen/Stick-On Holder.** 43-110 .. **9<sup>95</sup>**



## Recording Controls

(1) **Single Phone.** Connects to recorder with remote jack. Your calls are recorded automatically. 43-228 ..... **19.95**

(2) **Multiphone.** Works with extension phones, too. 43-236 ..... **24.95**

## Make Yourself Clear—With These Phone Answerer Tapes and Accessories



### Custom Outgoing Message Tapes For Answerers

- Ten Selections Each
- For Most Answerers

**Rich Little Edition Vol. II.** Use these funny impressions of Frank Sinatra, Jack Nicholson, John Wayne and other famous stars to answer your phone. 43-420 ..... **5.95**

**Comedy Edition Vol. I.** Hilarious impersonations of Groucho Marx, W.C. Fields and others. 43-416 ..... **5.95**

**Rich Little Vol. I.** The famous impersonator answers your phone as Bogart, John Wayne and others. 43-419 .. **5.95**

**Julie Dees Comedy Edition.** Impressions of Elizabeth Taylor, Marilyn Monroe and others. 43-421 ..... **5.95**

**Professional Edition.** Outgoing messages for various situations and occasions—ideal for a growing business or home office. 43-422 ..... **5.95**



### Cassette Phone Answerer Demagnetizer/Cleaner

Kit keeps outgoing and incoming messages crisp and clear. Demagnetizer cassette, probe, mirror, solution. 44-1167, **5.95**



### Microcassette Answerer Cleaner Kit

Keep your microcassette-type answerer operating like new. Includes cleaner, probe, mirror and solution. 44-1168 .. **5.95**



### Announcement and Message Tapes

Size	Type	Recording Time	Cat. No.	Each
Cassette	Announcement, Endless Loop	15 Seconds	43-403	<b>4.95</b>
Cassette	Announcement, Endless Loop	20 Seconds	43-401	<b>4.95</b>
Cassette	Announcement, Endless Loop	30 Seconds	43-402	<b>4.95</b>
Cassette	Announcement, Endless Loop	60 Seconds	43-406	<b>4.95</b>
Cassette	Announcement, Endless Loop	3 Minutes	43-407	<b>4.95</b>
Cassette*	Announcement, Endless Loop	20 Seconds	43-414	<b>5.95</b>
Cassette	Announcement, Leaderless	30 Sec./Side	43-435	<b>2.29</b>
Cassette	Announcement, Leaderless	90 Sec./Side	43-436	<b>2.29</b>
Cassette	Announcement, Leaderless	2 1/2 Min./Side	43-437	<b>2.29</b>
Cassette	Announcement, Leaderless	5 Min./Side	43-439	<b>2.29</b>
Micro	Announcement/Message	15 Min./Side	43-412	<b>3.59</b>
Micro	Announcement	7 1/2 Min./Side	43-409	<b>3.49</b>
Cassette	Message, Leaderless	30 Min./Side	43-410	<b>2.39</b>
Cassette	Message, Leaderless	45 Min./Side	43-411	<b>2.49</b>

\*For Phone-Mate® brand answerers only

# EVEN MORE CONVENIENCE! PHONE ADD-ONS

## Pocket Data Directory And Tone Speed-Dialer

- Stores 120 Numbers, Names or Memos Up to 32 Characters Each
- Calc, Timer and Search Functions
- Security Lock ■ Auto Power-Off

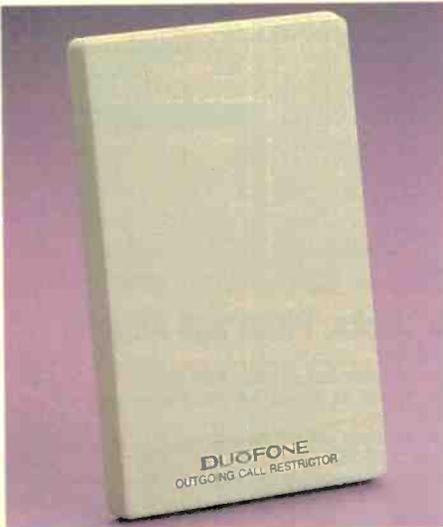
Just touch one button and it accurately dials for you when held to the mouthpiece of nearly any phone. LCD display shows name, the number being dialed, time and date. Has eight programmable alarms to remind you of appointments. Auto power-off conserves battery.  $4\frac{1}{8} \times 2\frac{3}{8} \times \frac{1}{2}$ ". With CR3032 battery. (TSP available) 43-144 **59<sup>95</sup>**



## Outgoing Telephone Call Restrictor

Available Sept. 30, 1991

- Stop Unauthorized "976", "900" and Long-Distance Calls
- One Unit Restricts All Phones on Line
- Personal Code Allows You to Bypass Call Restrictions



## Pocket Dialers

(1) **Tone Dialer With Memory.** Access low-rate long distance and special services. Has 30-number memory plus three priority keys for frequently called numbers. LED low-battery indicator. Requires 3 "AAA" batteries. 43-141 **24<sup>95</sup>**

(2) **Budget.** This manual tone dialer is ideal for beeperless answerers plus tone-activated dictation and Ham autopatch. Requires 3 "AAA" batteries. 43-139 **15<sup>95</sup>**



**NEW!** Cost-cutting addition to any home or business telephone system! Put an end to those high phone bills caused by toll calls made without authorization. Just plug into any RJ11 modular jack to control all phones on the line. Works on tone or pulse lines. Prohibits access to "976", "900", long-distance and other phone numbers you program, without interfering with other normal phone operations. Battery backup provides maximum protection.  $5\frac{1}{2} \times 3\frac{3}{8} \times 1\frac{1}{4}$ ". Includes phone-line cord and UL listed AC Adapter. Backup system requires two 9V batteries. (TSP available) 43-952 **69<sup>95</sup>**

## Hands-Free Speakerphone

- Modular Connector—Just Plug In

DUOFONE-102. Adds convenient hands-free talking and listening to any phone. Has high-speed talk/listen switching, automatic sensitivity adjustment and privacy button. Phone-line powered. Use AC adapter (#273-1455, extra) on low-current lines.  $2 \times 6\frac{3}{4} \times 3\frac{1}{4}$ ". (TSP available) 43-292 **39<sup>95</sup>**

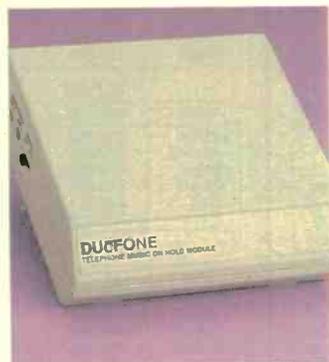


## Music-On-Hold Module For One or Two Lines

- Add the "Professional Touch" With Music or Personal Messages
- Works With Single or 2-Line Phones

Available Sept. 30, 1991

**NEW!** Now callers can hear pleasant music or your customized special announcements when you press the hold button on your phone. Works with all phones on your line. Uses built-in preprogrammed digital music chip. Or, you can connect an external audio source such as a cassette player. UL listed AC adapter.  $1\frac{5}{8} \times 4\frac{5}{8} \times 5\frac{1}{4}$ ". (TSP avail.) 43-153 **49<sup>95</sup>**



## Speakerphone Value

Boost office efficiency or enjoy "family" calls where everyone can talk and listen. Has volume control, sensitivity adjustment, privacy button to temporarily disable mike. 5-foot cord with modular plug—connects in seconds to existing phone.  $3\frac{1}{2} \times 6 \times 3\frac{1}{8}$ ". Phone-line powered. 43-278 **24<sup>95</sup>**



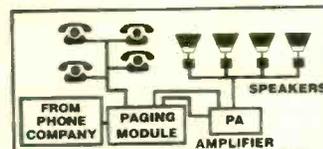
## Recorder Control With Voice Activation

**NEW!** Connects to modular phone jack and cassette recorder. Cassette auto-records your phone conversations. Great for business—keeps a record of info and orders taken by phone. Voice-activation saves tape and playback time. Requires 4 "AA" batteries. 43-263 **34<sup>95</sup>**



## Paging Module for Almost Any Phone System

Page Warehouse or Shop Area Thru Your Office Phone System

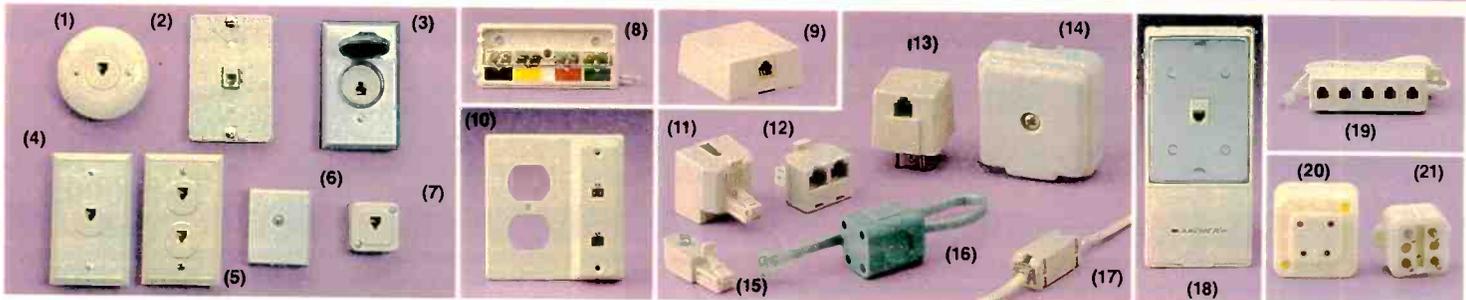


Connects Tone Phone to PA System

Easy to install and operate. Just connect to a PA amplifier. To page, just lift handset and press \*. Press # to put caller on hold and page. UL listed AC adapter. Was \$59.95 in 1991 Catalog. (TSP available) 43-183 **NEW LOW PRICE! 39<sup>95</sup>**



# GOLD STANDARD\* PHONE ACCESSORIES



## Phone Wall Plates, Jacks, Plugs and Adapter

- (1) Round Modular Wall Plate. 279-392 ..... **3.95**
- (2) Wall Phone Plate. For standard modular wall phones. 279-387 ..... **5.95**
- Surface Mount Wall Phone Plate. Same as above, but mounts on wall without requiring an electrical box. 279-382 ..... **5.95**
- (3) **NEW!** Outdoor Wall Plate With Modular Jack. 279-342 ..... **8.95**
- (4) Rectangular Modular Wall Plate. 279-352 ..... **3.95**
- (5) Dual Wall Plate. For up to four phone lines or two phones with the same number. 279-350 ..... **5.95**
- (6) Quick-Connect Jack. Converts standard wall block for use with modular plug. Spade terminals. 279-355 ..... **2.19**
- Modular Jack. Like Fig. 5 but with snap-on clips. 279-386 ..... **2.99**
- Modular Jack With Wiring Block. 279-349 ..... **3.95**
- (7) Surface-Mount Modular Jack. 279-353 ..... **3.95**
- (8) Phone Line Entrance Bridge. Provides connecting point with screw terminals for phone company network interface. Attaches to wall. 279-394 ..... **5.95**

- (9) Six-Wire Surface-Mount Jack. RJ25C 3-line jack. 279-420 ..... **4.49**
- (10) Dual Modular Jack With AC Wall Plate. 279-415 ..... **6.95**
- (11) Quick-Plug. Screw terminals to wire older phones for modular jacks. 279-375, **2.95**
- (12) Duplex Jack. Couples two devices, such as answerer and phone, into one modular jack. 279-357 ..... **4.49**
- (13) Cord Adapter. Converts modular to 4-prong. 279-351 ..... **2.99**
- (14) 42A Connector Block. Standard 4-conductor, wall-mount terminal accepts spade lugs or bare wires. 279-389 ..... **2.19**
- (15) Quick-Connect Modular Plug. 279-383 ..... **3.95**
- Quick-Connect Handset Plug. 279-298 ..... **3.99**
- (16) Plug Adapter. Converts 4-prong plug to modular plug. 279-393 ..... **3.49**
- (17) Inline Coupler. Connects two 4-cond. modular cords. 279-358 ..... **2.49**
- 6-Conductor Inline Coupler. 279-423 ..... **2.95**
- (18) Modular Duplex Wall Phone Adapter. 279-359 ..... **9.95**
- (19) Five-Outlet Modular Adapter. Converts one jack to five. 279-410 ..... **9.95**
- (20) Four-Prong Jack. Accepts standard 4-prong plug. 279-367 ..... **3.39**
- (21) Four-Prong Plug. Fits standard 4-prong jack above. 279-366 ..... **2.79**

## Tools and Cables

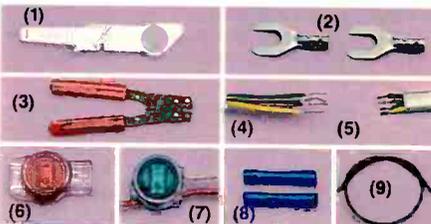


Fig.	Description	Cat. No.	Price
1	Wire Stripping Tool	279-400	<b>1.99</b>
2	Insulation-Piercing Spade Lugs	64-3070	<b>24/1.29</b>
3	Phone Connector Crimp Tool	64-410	<b>7.79</b>
4	<b>NEW!</b> 50-Ft., 4-Conductor Cable	278-872	<b>6.49</b>
		278-873	<b>11.99</b>
	<b>NEW!</b> 100-Ft., 4-Conductor Cable	278-1310	<b>.13/Ft.</b>
5	Modular Cable, 50-Ft., 4-Cond.	278-365	<b>5.99</b>
	Modular Cable, 100-Ft., 4-Cond.	278-366	<b>11.99</b>
6	Weather-Sealed Splice Connector	64-3080	<b>4/1.59</b>
7	Weather-Sealed Tap Connector	64-3081	<b>4/1.89</b>
8	Insulated Butt Connector	64-3073	<b>24/1.29</b>
9	<b>NEW!</b> 25-Ft. Outdoor 4-Cond. Cable	278-386	<b>34.99</b>

## Modular Handset Cords

25 Feet		Coiled
Color	Cat. No.	Each
White	279-301	<b>5.95</b>
Almond	279-302	<b>5.95</b>
Beige	279-303	<b>5.95</b>
Brown	279-304	<b>5.95</b>
Gray	279-300	<b>5.95</b>
Black	279-305	<b>5.95</b>

12 Feet		Coiled
Color	Cat. No.	Each
White	279-306	<b>4.95</b>
Almond	279-307	<b>4.95</b>
Beige	279-308	<b>4.95</b>
Brown	279-309	<b>4.95</b>
Gray	279-311	<b>4.95</b>
Black	279-312	<b>4.95</b>

### 25 Feet, Heavy-Duty

Color	Cat. No.	Each
White	279-290	<b>7.95</b>
Almond	279-291	<b>7.95</b>
Beige	279-292	<b>7.95</b>
Brown	279-293	<b>7.95</b>
Gray	279-294	<b>7.95</b>
Black	279-295	<b>7.95</b>



Heavy-Duty, Retains Coiled Shape Longer

## Modular Line Cords



Fig.	Description	Cat. No.	Price
1	Satin, 18-Ft. Coiled Modular-to-Modular	279-395	<b>5.95</b>
1	White, 18-Ft. Coiled Modular-to-Modular	279-396	<b>5.95</b>
1	Brown, 18-Ft. Coiled Modular-to-Modular	279-397	<b>5.95</b>
1	Almond, 18-Ft. Coiled Modular-to-Modular	279-398	<b>5.95</b>
1	Gray, 18-Ft. Coiled Modular-to-Modular	279-399	<b>5.95</b>
2	12-Ft. Modular-to-Modular	279-374	<b>4.99</b>
2	25-Ft. Modular-to-Modular	279-356	<b>6.15</b>
2	5 1/4" Modular-to-Modular	279-390	<b>.99</b>
2	25-Ft. 6-Cond. Modular-to-Modular	279-422	<b>7.95</b>
3	25-Ft. Modular-to-Spade	279-364	<b>6.15</b>
3	12" Modular-to-Spade	279-391	<b>1.99</b>
3	12-Ft. Modular-to-Spade	279-310	<b>4.99</b>

## Modular Extensions

Plug on one end, two jacks on other.  
 12-Foot. RJ11/14. 279-373 ..... **5.49**  
 25-Foot. RJ11/14. 279-363 ..... **6.49**

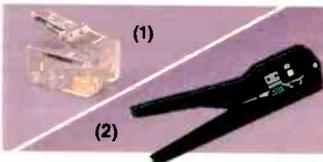


## Phone Line Testers

■ Test 'Em Yourself And Save

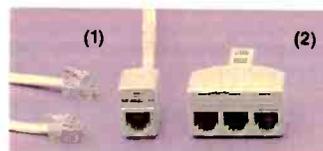
Handy and easy to use! Just plug into a modular jack and LEDs show if line is operational, reverse-wired or not operational. 43-101 ... **3.49**

2-Line Tester. Same as above, but made for checking 2-line phone jacks. 43-103 ... **5.29**



## Modular Plugs and Tools

- (1) 4-Cond. Modular Plug. RJ11/14. 279-384 ..... **Pkg. of 10/2.99**
- 6-Cond. Modular Plug. RJ11/14/25. 279-421 ..... **Pkg. of 10/3.99**
- (2) Crimping Tool. 279-388 ..... **8.95**



## Coupler and Jack

- (1) Two-Line Coupler. Combines two single lines with RJ11 jacks into a two-line RJ14 jack. 279-401 ..... **6.95**
- (2) Three-Way Jack. Adds two RJ11 (single-line) jacks to a 2-line RJ14 jack. 279-402 ..... **6.95**



## Handset Cord Untangler

Stop fighting with your phone cord! Swivel connector prevents knotting of handset cord and prolongs cord life. Fits all phones equipped with standard modular handset cord. Plugs in at handset or base. 279-299 ..... **4.99**

# HANDHELD PORTABLE CELLULAR PHONE

## Put the Whole World in Your Hand With Our Smallest Cellular!

- Measures Only 7 x 2<sup>3</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>8</sub>" and Weighs Just 15.9 oz. With Battery
- Includes Two Antennas—One Is Built In for Normal Coverage—Or in Weak Signal Areas, Simply Extend the Pull-Up Antenna
- Base Can Recharge Phone and Optional Backup Battery Simultaneously

**Tandy CT-302 Portable.** A full-featured cellular phone that's completely portable! Quality engineered and tested for lasting performance. Personal-size design is loaded with executive-class features, including an elapsed time counter to track length of each call, 40-number memory with one-touch redial, memory scroll to display each stored number, large liquid crystal display for easy viewing, backlit keys and illuminated display with battery save (light goes off after 15 seconds; press any key and light comes on), electronic lock to prevent unauthorized use (you can still dial 9-1-1 or other emergency number), separate up and down volume buttons, and a signal strength meter. Dual NAM saves roaming charges by letting you have a local cellular phone number in two different cities. Convenient carry case protects your phone and allows you to make and take calls *without* removing it from the case. Built-in protection circuitry prevents charging in temperature extremes that may damage battery. 600-milliwatt

**NEW LOW PRICE**  
**399<sup>95</sup>\***  
Price higher in CA/NC

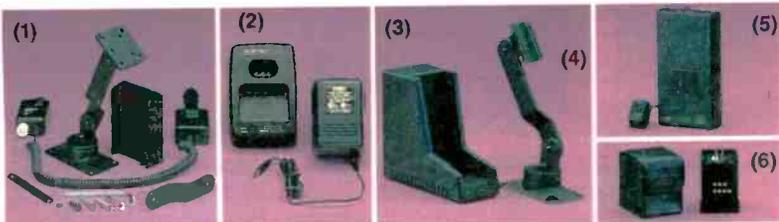
17-1051 ..... Low As \$15 Per Month

**NEW!** Extra CT-302 Rechargeable Battery. 17-607 ..... **39.95**



With Desktop Charging Stand

## Accessories for the CT-300/301/302 Cellular Telephones



- (1) **NEW!** CT-302 Mobile Mounting Kit. Mounts CT-302 in your vehicle. Includes cigarette lighter adapter for rapid battery charging and for powering phone, and external antenna connection. 17-606 ..... **79.95**
- (2) **NEW!** CT-302 Rapid Battery Charger. Improves battery life and performance. Automatically discharges, then recharges battery in one hour. Special Order (CMC). 17-605 ..... **89.95**
- (3) CT-300/301 Charging Stand. Requires AC Adapter or Mobile Mounting Kit. 17-602, **64.95**  
AC Adapter (not shown). For CT-300/301 Charging Stand. UL listed. 273-1653 ..... **20.95**
- (4) CT-300/301 Mobile Mounting Kit. Installs Charging Stand in your car. 17-603 ... **24.95**
- (5) CT-300/301 Handsfree PC Interface. Transfer data with portable computer and acoustic modem. Requires Charging Stand. Special Order (CMC). 17-601 ..... **69.95**
- (6) **NEW LOW PRICE!** CT-300/301 Extra Rechargeable Battery Pack. Was \$64.95 in 1991 Catalog. 17-604 ..... **54.95**

## Let's Talk About Cellular Pricing

Radio Shack and our cellular telephone carriers across the country strive to keep cellular telephone prices as affordable as possible. In most cases, your new activation and minimum service commitment will result in substantial savings over the unactivated price. However, cellular carriers may require certain activation fees and service deposits that are beyond our control.

Prices are subject to change and may vary depending on carrier participation, market conditions, the service plan selected, and changes in federal, state or local law as they affect the cellular telephone industry. Activation is available nationwide through Radio Shack but not required in California and North Carolina. This statement and pricing are as of catalog printing date.

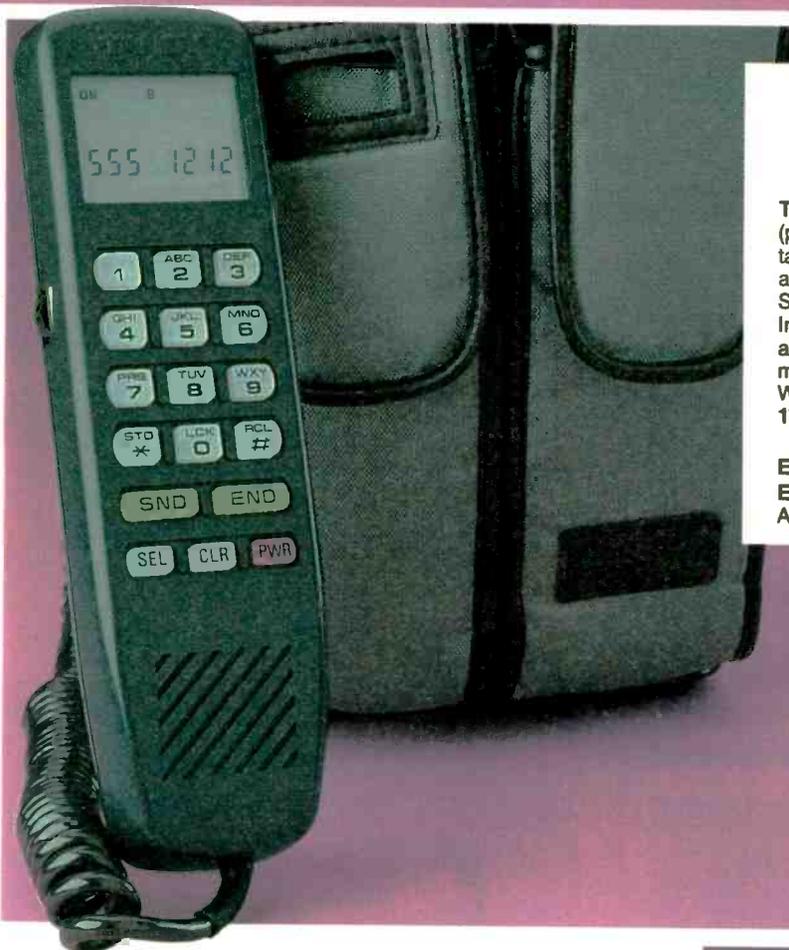
For complete details, visit any participating Radio Shack store or dealer.

Tandy Model	New Activation**		Calif. and No. Carolina
	With	Without	
CT-302	\$399.95	\$699.95	\$499.95
CT-1033	\$349.95	\$649.95	\$449.95
CT-1030	\$249.95	\$549.95	\$349.95
CT-102	\$199.95	\$499.95	\$299.95

\*\*Minimum service commitment required.

\*Requires new activation and minimum service commitment with Radio Shack cellular phone carrier except where prohibited by law. \$699.95 without activation. Price in California and North Carolina is \$499.95, with activation available but not required.

# FULL-POWER PORTABLE CELLULAR PHONES



## Stay in Touch Wherever You Go!

■ Keep in Touch Whether You're In or Out of Your Car

**Tandy CT-1033 Transportable.** Use the CT-1033 in your car (plugs into the cigarette lighter) or carry it with you to make and take calls wherever you go. The 3-watt output—even when operating on the internal battery—is five times that of many portables. Switch to 0.6 watts to save battery power and extend talk time. Includes 832 channels, dual NAM, 30-number memory, adjustable handset volume, last-number redial, cumulative call timer, electronic lock and more.

**NEW LOW PRICE!**  
**349<sup>95</sup>\***

Price higher in CA/NC

Extra Battery for CT-1033. 12V, 2.3 amp-hr. 23-187 ... **39.95**

Extra Battery Charger for CT-1033.

Available on Special Order (CMC) ..... **54.95**

## Compact, Slimline Mobile Phone Moves Easily From Car to Car

- No Installation—Just Plug Into Cigarette Lighter and You're Ready to Make and Take Calls
- Ideal for Rental Cars or When Family Members Are Traveling
- Includes Full-Duplex Handsfree—No Need to Hold Handset

**NEW!** Tandy CT-1030 Transmobile. The perfect traveling companion! You and your family can stay within easy reach when shopping or running errands, or when out of town for business or pleasure! There are no wires to install or holes to drill. Simply strap the CT-1030 into the seat beside you, plug it into your vehicle's cigarette lighter and dial! The CT-1030 transfers quickly to another car, to a motor home, to a boat—anywhere there's a cigarette lighter. Handsfree mike lets you make and receive calls without using or lifting the handset. Coiled power and mike cords keep extra wire out of your way. Features 832 channels, a backlit display and keyboard, 30-number memory for fast 2-digit dialing, dual NAM to save roaming charges and switchable 3-watt/0.6-watt power output. Comes complete with carrying bag, built-in antenna, cigarette lighter plug and mike coiled cords. (TSP available)

17-1020 ..... Low As \$15 Per Month

**249<sup>95</sup>\***

Price higher in CA/NC



Includes Battery, Carrying Case, Portable Antenna, DC Adapter/Charger and AC Battery Charger



Nothing to Install—Just Strap to Seat And You're All Set!



With Bag, Antenna, Lighter Plug, Cord And Handsfree Mike



# LOW-COST MOBILE CELLULAR TELEPHONE

## Affordable Car Phone for Safety and Convenience

- Ideal for Family, Business and Personal Use
- Full-Duplex Handsfree—Make Calls Without Lifting the Handset
- Full 3-Watt Output for Maximum Range

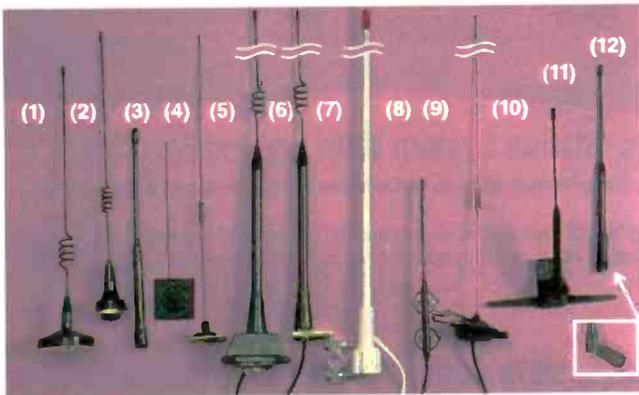
**Tandy CT-102 Mobile.** A small price to pay for your family's safety and security while on the road. If help is needed, the police, a tow truck or medical assistance is just an *in-car* phone call away. The CT-102 is ideal for business, too. You can stay in touch going to and from the office, on a service call or while making a delivery. The CT-102 features a full 3-watt output, 832-channel capacity, a backlit display and keyboard, 30-number memory, a full-duplex handsfree and dual NAM for two phone number ability to save roaming charges. Built-in speaker/monitor permits on-hook dialing. Includes mounting hardware and bracket. 12VDC **NEW LOW PRICE!** neg. gnd. Requires mobile antenna. Was \$299.00 in 1991 Catalog. (TSP avail.) 17-1076 ..... Low As \$15 Per Month **199<sup>95</sup>\***  
Price higher in CA/NC



Make/Take Calls Wherever There's Cellular Service

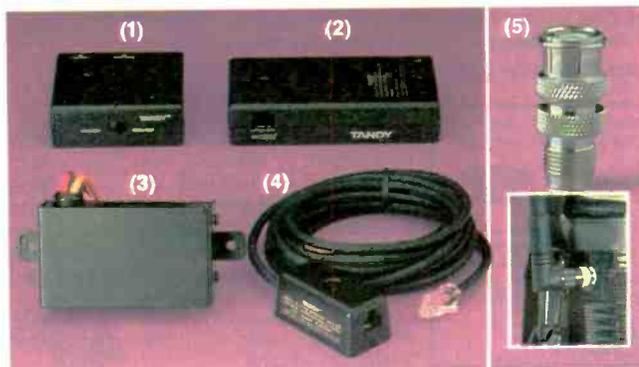


Your Family Is Never Out Of Touch In Emergencies!



## High-Performance Cellular Telephone Antennas

- (1) **Magnet-Mount.** Attaches to metal roof or trunk. 3 dB gain. 17-302 ..... 24.95
- (2) **Roof-Mount.** "Snap-in" mounting. 3 dB gain. 17-306 ..... 24.95
- (3) **High-Gain Portable.** For many portable phones. 3 dB gain. 17-307 ..... 29.95
- (4) **NEW LOW PRICE! Glass-Mount.** 3 dB gain. Was \$39.95 in 1991 Cat. 17-309 ..... 29.95
- (5) **High-Gain Glass-Mount.** Improved performance in fringe areas. 5 dB gain. 17-310, 54.95
- (6) **No-Hole Trunk-Mount.** Elevated feed design installs on trunk lid. 3 dB gain. 17-311, 39.95
- (7) **Mirror-Mount.** Mounts to outside truck mirror. 3 dB gain. 17-312 ..... 39.95
- (8) **Marine Cellular.** Corrosion-resistant fiberglass. 4 dB. Uses 19-102 mount. 17-313 ..... 59.95
- (9) **Suction Cup.** Ideal for car or office use of handheld phones. Attaches temporarily to inside window glass. 17-314 ..... 24.95
- (10) **NEW! Clip-On Glass-Mount.** Easy to install on car's side window. 5 dB gain. 17-315, 44.95
- (11) **NEW! Portable Clip-On.** Improves transmission/reception of handheld phones from inside your car *without* connecting an antenna cable. 17-316 ..... 44.95
- (12) **NEW! Adjustable Angle Antenna.** Keeps antenna properly oriented. Pivots 45° for handhelds, 90° for portables. 3 dB gain. 17-317 ..... 19.95



## CT-102/1030/1033 Cellular Telephone Accessories

- (1) **PC/FAX Interface.** This handy interface allows facsimile transmission and reception via your cellular telephone. Also works with a modem for data transfer to and from your portable computer. Available on Special Order (CMC). 17-504 ..... 69.95
- (2) **Wiring Harness/Interface.** Lets you mount the CT-102 transceiver in your car's trunk. Interface mounts under dash and includes jacks for telephone handset, handsfree mike and external speaker. For CT-102 only. Available on Special Order (CMC). 17-705 ..... 39.95
- (3) **Horn Alert Kit.** No more missed calls when you're at a job site or outside your vehicle! The Horn Alert Kit will sound your car's horn when you have an incoming cellular phone call. For CT-102 only. Available on Special Order (CMC). 17-704 ..... 39.95
- (4) **Long Handset Cable.** Ideal for van, RV, limo or bus. It's the perfect way for a passenger to make and take phone calls from the comfort and convenience of his or her own seat. Available on Special Order (CMC). 17-706 ..... 24.95
- (5) **TNC Push-On Adapter.** Makes changing antennas on your portable cellular phone a snap—just push on and pull off. 278-133 ..... 3.99

\* Requires new activation and minimum service commitment with Radio Shack cellular phone carrier except where prohibited by law. \$499.95 without activation. Price in California and North Carolina is \$299.95, with activation available but not required. See Page 85 for our cellular pricing policy.

# STEP-SAVING FM WIRELESS INTERCOMS



## Our Best! Three-Station Intercom System

- Three Channels—Talk Privately Between Any Two Stations
- FM Operation Reduces Electrical Noise and Interference
- Automatic Squelch Keeps Stations Silent Between Calls
- Easy to Move Stations From Room to Room

It's a snap to install and even easier to use! Simply plug each station into an AC outlet at the desired location and press the Talk-bar to speak. Each station features selectable 3-channel operation so you can talk with one station without disturbing the other. Or use as a single channel for 3-way "conferences". Call-tone button signals one or all stations. Lockable Talk-bar is great for hands-free use and continuous monitoring of a child's room. Built-in modulation limiting circuit prevents distortion. For desktop or wall. Easy to expand the system—simply add more sets anytime.  $1\frac{5}{8} \times 5\frac{13}{16} \times 4\frac{1}{8}$ ". UL listed AC. (TSP available) 43-218 . . . . Low As \$15 Per Month

SET OF 3  
**99<sup>95</sup>**



## Low-Priced 2-Station Intercom System

- Nothing to Install—Uses Existing AC Wiring ■ For Wall or Desktop
- FM Operation Reduces Interference and Background Noise

**Plug 'n Talk® System.** Reliable communication in your home or office—plug each station into AC outlets and you're in business! Push the Call-button on either station to send an alert tone to the other station. Features a convenient lockable Talk-bar for hands-free conversation. Also use as a continuous monitor to "listen in" on another area. Volume control and power-on indicator on each station. Add another pair of stations anytime to expand system. For your desktop, or use keyhole slots for wall mounting.  $1\frac{7}{8} \times 5\frac{7}{8} \times 4$ ". UL listed AC. (TSP available) 43-207

PAIR  
**39<sup>95</sup>**



## Two-Station System With Lighted Talk-Bar

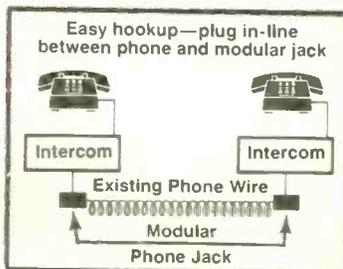
- Great Baby-Room Monitor ■ Doubles As Night-Light ■ Call-Tone

**Deluxe Plug 'n Talk System.** Just plug into AC, press Talk-bar and speak. Available in three FM frequencies to reduce noise and interference.  $1\frac{3}{4} \times 6\frac{3}{4} \times 4\frac{3}{4}$ ". UL listed AC. (TSP avail.) 43-212

PAIR  
**69<sup>95</sup>**

## Two-Station System Adds Intercom and Hold to Phones

- Low-Cost Way to Add Step-Saving Convenience—Ends Running From Room to Room When Someone Else Has a Phone Call
- Phone-Line Operation Assures Maximum Clarity ■ FM Operation



For business or home! If the call is for someone at other station, you can notify that person by intercom. Just plug system into AC and modular jack, then plug phone into intercom. Intercom system does not interfere with phone use and even works without a phone attached. Features locking Talk-bar. Each station has Call-tone and Phone-hold buttons, volume control. Desk/wall.  $1\frac{3}{4} \times 5\frac{3}{4} \times 4$ ". UL listed AC. (TSP available) 43-206

PAIR  
**49<sup>95</sup>**

# CONVENIENT WAYS TO KEEP IN TOUCH



## Portable FM Cordless Room Monitoring System

- Keep an "Ear" on a Child's Room While You Relax
- Just Plug Transmitter Into AC Outlet—No Wiring to Install
- Two Selectable Frequencies to Prevent Interference
- FM Operation Cuts Noise ■ Receiver Has Belt Clip

Now you can monitor an area such as a child's or dependent person's room as you move freely around the house. Also handy to use as a security device to "listen in" on areas which should be unoccupied such as a garage, workshop or storage area. Battery-powered receiver clips to belt or pocket. Also includes AC adapter for receiver—saves batteries when you can power receiver from AC. Low-battery LED indicator. Two selectable frequencies cut signal interference. Transmitter, 2 x 5 1/4 x 4 3/8", is UL listed AC. Receiver, 5 x 2 1/2 x 1 1/8", requires 9V battery for portable use. Extra receivers available on special order from Radio Shack Consumer Mail Center (CMC). (TSP available) 43-202

Flexible Antenna. For receiver. 43-189 ..... 5.49

SET  
**39<sup>95</sup>**



## Wireless Paging System

- With Antenna for Up to 2-Mile Range
- Expandable—Add Up to Eight Receivers
- Ready to Use ■ No License Required

Realistic® PG-80. Low-cost way to improve the efficiency of any business in which it's necessary to reach the right person quickly. Push a button on the powerful 7-watt transmitter, and receiver "beeps" to alert user to check in. Digital encoding (4096 possible combinations) with memory backup assures interference-free paging. Add an outdoor CB antenna for extra transmitting range. Receiver audibly warns you of a weak battery. Includes the transmitter and one receiver. Transmitter, 2 1/4 x 7 x 4 3/8", is UL listed AC. Receiver, 4 x 2 3/16 x 1 7/16", requires 3 "AAA" batteries. (TSP available) 49-710 ..... Low As \$15 Per Month

SET  
**99<sup>95</sup>**

Extra Receiver. 49-711 ..... Each 29.95

## Two-Station Wired Intercom

- Saves Time and Steps
- For Desk or Wall
- With 66-Foot Cable

Battery-powered for noise-free conversation in home, camper or boat. Talk-bar on each station sends signal to other, even when "off". Master has volume control. With cable fasteners. Each 1 1/2 x 1/2 x 4 1/8". Requires 9V battery. 43-222

PAIR  
**14<sup>95</sup>**



## Four-Station Wired Intercom

- Battery-Powered Operation
- No AC Outlet Necessary
- Handy Child's Room Monitor

Selector switch on master station lets you talk with remote stations individually—no other station can listen in. Master has volume control and all have Call-tone buttons. System includes three 66-foot cables. Each station can be used on desk or wall-mounted. Master, 1 1/2 x 4 1/8 x 4 3/4". Remotes, 1 1/2 x 3 7/16 x 4 1/8". Requires 9V battery or AC adapter. 43-223

SET OF 4  
**24<sup>95</sup>**



# REALISTIC—1st CHOICE IN PA EQUIPMENT



## 100-Watt Amplifier With Built-In Mixer & Antifeedback Control

**NEW!** Realistic® MPA-95. Our best amplifier has the power and performance demanded in auditoriums, churches and dance clubs. Features four high-impedance mike inputs with 1/4" phone jacks and four low-impedance inputs with professional-type XLR 3-pin jacks. Has aux input for adding mixer or tape deck. Variable feedback filter cuts selected frequency from 300 to 3000 Hz, by 12 dB, to eliminate feedback. Convenient rotary knobs for precise control of each channel. 70V line output, lighted power meter and LED clipping indicator. Fully overload protected. UL listed AC. (TSP available) **32-2036** ..... Low As \$15 Per Month **219<sup>95</sup>**

**SPECIFICATIONS.** Frequency Response: 60-20,000 Hz  $\pm$  3 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals and phono-type jacks for 4 to 16-ohm speakers, 1/4" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4 x 14 1/2 x 10 1/2".



## Compact 35-Watt Power Amplifier With Built-In Equalizer

Realistic MPA-40. Superb performance at low cost. Wide frequency response makes this amp suitable for music as well as voice. Three-band graphic EQ for tailoring sound to room acoustics. Priority terminals permit Channel-1 override of all other channels—really handy for overriding music for paging or emergencies. Built-in mixer. Built-in preamp for magnetic-cartridge turntable. Three Glide-Path® faders control inputs for two mikes and phono/aux. 70V line output, master volume with convenient "memory ring". UL listed AC. (TSP available) **32-2032** ..... Low As \$15 Per Month **99<sup>95</sup>**

**SPECIFICATIONS.** Frequency Response: 70-20,000 Hz  $\pm$  3 dB. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line; terminals for adding optional SPST switch for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 4 1/2 x 10 1/2 x 7 1/2".



## Versatile Dual-Power, 20-Watt Amplifier With Tone Control

Realistic MPA-25. Operates on AC or 12VDC power—it's excellent for indoor or mobile use. Accepts either low or high-impedance mikes. High-level input with individual channel fader controls lets you add turntable or other auxiliary component. Features two front-panel mike inputs, rotary master volume/tone controls and LED power "on" indicator. Glide-Path fader controls. Has 70V line output for multiple-speaker systems. Included 12VDC cord lets you plug amp into cigarette lighter socket. Also includes AC cord for easily changing between indoor and outdoor mobile use, and a handy mounting bracket for mobile use. Ventilated metal case. UL listed AC. (TSP available) **32-2033** **79<sup>95</sup>**

**SPECIFICATIONS.** Frequency Response: 150-20,000 Hz  $\pm$  3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC neg. ground. Size: 4 1/2 x 10 1/2 x 7 1/2".

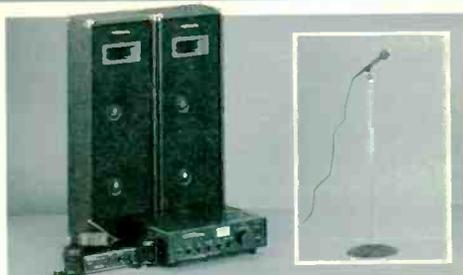
# COMPLETE MULTIPURPOSE PA SYSTEMS



## Toastmaster's Special 453<sup>80</sup>

- Realistic MPA-95 100-Watt Amplifier
- Highball Dynamic Microphone
- Deluxe Folding Microphone Stand
- PA-100 High-Efficiency Speaker System

32-2036/33-984/33-325/40-1412  
Low As \$20 Per Month



## Stage Performance 647<sup>70</sup>

- Realistic MPA-95 100-Watt Amplifier
- Unidirectional Dynamic Mike With Stand
- FM Wireless 3-Channel Mike System
- Two PA-96 Column Speaker Systems

32-2036/33-1073/33-320/32-1228/40-1413  
Low As \$25 Per Month



## Versatile Club System 813<sup>60</sup>

- MPA-95 100-Watt Amplifier
- Two Highball Mikes With Stands
- One Pro Series Wireless Mike
- Two PA-100 High-Efficiency Speakers

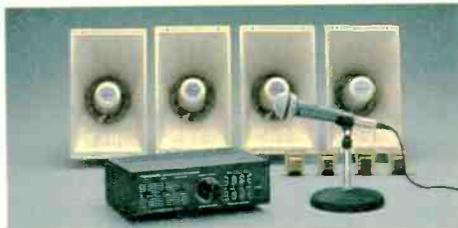
32-2036/33-984/33-320/32-1224/40-1412  
Low As \$30 Per Month



## Office/Restaurant 225<sup>25</sup>

- MPA-40 35-Watt Amp With Built-In EQ
- Tight-Cardioid Mike ■ Desk Stand
- Four 10W, 70-Volt Line Transformers
- Four 8" Speakers With Ceiling Grilles

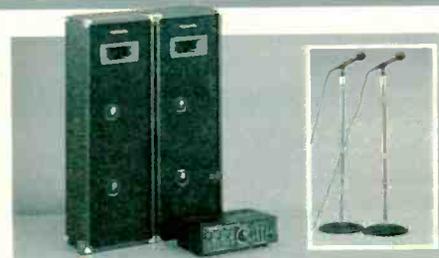
32-2032/33-992/33-370/32-1031/40-1272/40-1223  
Low As \$15 Per Month



## Announcer's Choice 358<sup>49</sup>

- MPA-40 35-Watt Amp With Built-In EQ
- Highball Dynamic Mike ■ Desk Stand
- Four 10W, 70-Volt Line Transformers
- Four Super Powerhorn® Speakers

32-2032/33-984/33-370/32-1031/40-1307  
Low As \$15 Per Month



## Auditorium System 415<sup>65</sup>

- MPA-40 35-Watt Amp With EQ
- Two Tight-Cardioid Dynamic Mikes
- Two Cast-Base Mike Stands
- Two PA-96 Column Speaker Systems

32-2032/33-1073/33-320/40-1413  
Low As \$20 Per Month



## Indoor/Outdoor System 147<sup>80</sup>

- Realistic MPA-25 20-Watt Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers

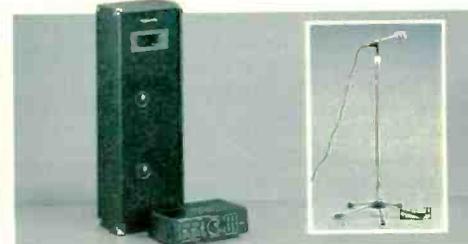
32-2033/33-985/40-1236  
Low As \$15 Per Month



## Meeting Hall System 207<sup>50</sup>

- MPA-25 20-Watt Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

32-2033/33-985/32-1031/40-219  
Low As \$15 Per Month



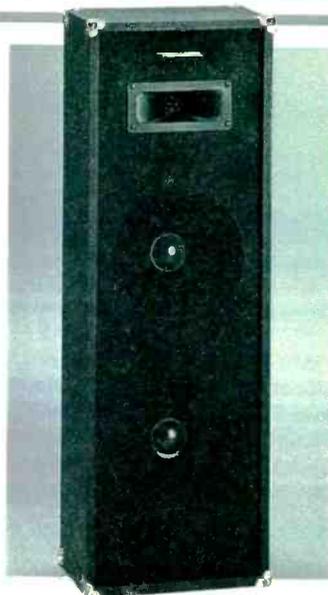
## "Anywhere" System 251<sup>80</sup>

- MPA-25 20-Watt Amplifier
- Super-Omni Mike With Deluxe Stand
- PA-96 Portable Column Speaker System

32-2033/33-1070/33-325/40-1413  
Low As \$15 Per Month

SPEAKER WIRE NOT INCLUDED / LENGTH OF WIRE NEEDED FOR EACH SYSTEM WILL VARY / SEE PAGE 149

# ANNOUNCING: GREAT PA SPEAKER VALUES!



## PA Musical Powerhorn®

■ Plays 94 Built-In Tunes Plus Five You Program  
Play songs or use the built-in microphone to be heard up to 300 feet away. Includes a song list and shoulder strap. Requires 8 "AA" batteries. 32-2030 **39<sup>95</sup>**

## Sound Level Meter

■ Measures Seven Ranges  
Use with equalizer to optimize audio systems. Reads music or noise to 126 dB SPL. Slow/fast response, "A" or "C" weighting. Requires 9V battery. 33-2050 **31<sup>95</sup>**



## One-Watt Speaker/Amp

■ Set Up Anywhere  
Tone, volume, aux. input, 1/8" mike jack. 5 x 4 x 2 3/4". Requires 4 "C" batteries. 32-2031 **19<sup>95</sup>**



AC Adapter. UL listed. 273-1454 ..... 7.95

## High-Power Sound Reinforcement Speakers

■ Monitor-Style With 15" Woofer

Realistic® PA-100. Outstanding sound—for auditoriums or outdoors. Extended frequency response of 60-25,000 Hz. Piezo horn tweeter. Handles 100 watts, 8 ohms. Sensitivity: Rated 92 dB (SPL at 1W/1M). Vinyl-coated enclosure, metal corner protectors and handle. Spring terminals, 1/4" jack. 23 3/4 x 18 3/4 x 11". 40-1412 .. Low As \$15 Per Month **149<sup>95</sup>**

■ Column With Dual 8" Woofers

**NEW!** Realistic PA-96. 80 watts, 100-25,000 Hz response, 8 ohms. Piezo horn tweeter. Rated 92 dB (SPL at 1W/1M). Vinyl-coated enclosure, metal corner protectors, 1/4" jack. 30 x 10 x 6 7/8". 40-1413, Low As \$15 Per Month **99<sup>95</sup>**

## 4" In/Outdoor Powerhorn



An outstanding performer in a compact size. Shockproof and water resistant for years of indoor and outdoor use. With mounting bracket for easy installation. Impedance, 8 ohms. Power output: 5 watts. 40-1235 **14<sup>95</sup>**

## Super Powerhorn



High-efficiency design delivers maximum voice and music output. Handles 40 watts. Metal swivel base. Impedance of 8 ohms. SPL: 110 dB (1W at 1M). 11 x 6 1/2 x 8 1/2". 40-1307 **41<sup>95</sup>**

## In/Outdoor Speakers



5 Watts

15 Watts

4". Moisture resistant, with mounting hardware. Impedance, 8 ohms. 4 3/4 x 5 1/2 x 3". 40-1227 **11<sup>95</sup>**

6 1/2". Same as above, 8 ohms. 4 1/2 x 8 1/4 x 3 7/8". 40-1248 **21<sup>95</sup>**

## Budget Powerhorns



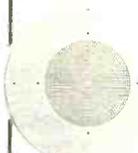
8". It's shockproof and water resistant for use indoors or out. 15 watts capacity. 8 ohms. Mtg. bracket. 40-1239 **33<sup>95</sup>**  
5". As above, but handles 8 watts. 8 ohms. 40-1236 **21<sup>95</sup>**

## Wall-Mount Speaker



8" speaker plus a convenient built-in volume control. Impedance, 8 ohms. Walnut vinyl finish. 10 3/4 x 10 3/4 x 4 3/4". 40-219 **19<sup>95</sup>**

## Round Ceiling Grilles



4" Grille. 40-1220 ..... 4.59  
8" Grille. 40-1223 ..... 5.69

For mounting 4" and 8" speakers. Steel with attractive white enamel finish to match most decors. Includes hardware for mounting.

## Full-Range Speakers



For 4" and 8" ceiling grilles. 8 ohms.

4" 10 Watts. 40-1197 .. 10.95  
4" 2 Watts. 40-1208 .. 5.95  
8" 30 Watts. 40-1286 .. 18.95  
8" 10 Watts. 40-1272 .. 10.95

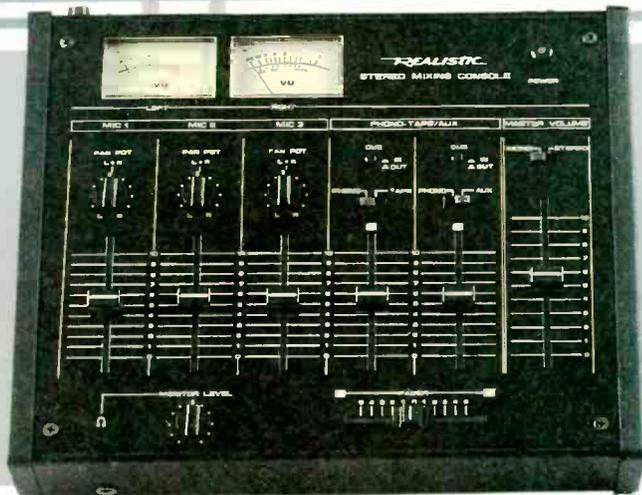
## 70-Volt Line Transformer



For use with multi-speaker systems. Permits driving speakers at various power levels from single 70-volt line—does not affect other speakers in same system. For 4, 8, and 16 ohms. 32-1031 **5<sup>95</sup>**

# AUDIO MIXERS FOR PRO "STUDIO" SOUND

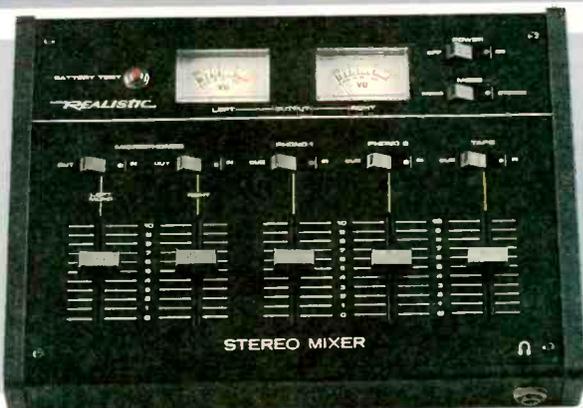
Dual  
Lighted  
VU  
Meters



## Five-Channel Stereo Mixer With Three "Pan Pot" Mike Controls

**NEW!** Inputs for three mikes plus two turntables or two tape decks. Use "pan pots" to adjust each mike's apparent position in the stereo image. Glide-Path® channel faders and dual lighted VU meters for signal monitoring. Cue/monitor for stereo headphones. 1/4" headphone jack with adjustable level. 20-20,000 Hz response. 2 3/4" x 10 3/4" x 8 1/2". UL listed AC. (TSP available) **119<sup>95</sup>**  
32-1201 ... Low As \$15 Per Month

AC/Battery  
Operation



## Four-Channel Stereo Mixer

■ Mixes Two Mikes, Two Turntables and Tape  
Mix "live" sound like a pro or use for recording. Glide-Path faders, dual VU meters, tape and line outputs. "Listen in" with the cue monitor. Mono/stereo switch for monaural signal to both output channels. Headphone monitor jack, 1/4" mike jacks. Battery tester. Response 20-20,000 Hz. 2 3/4" x 10 1/2" x 7 1/2". Requires 4 "AA" batteries or AC adapter. (TSP available) **69<sup>95</sup>**  
AC Adapter. UL listed. 273-1454 ..... 7.95

## Electronic Reverb Control

Great for disc jockeys, music groups and soloists! Adds echo and reverb enhancement to recordings, "live" vocals or amplified musical instruments. Has input jacks for cassette deck and microphone or guitar. Adjustable 5-95 mS delay. Glide-Path controls for reverb depth, delay, repeat and mike. With jacks for line-in, line-out and 1/4" mike in/out. Monaural circuit. 2 1/2" x 6 3/4" x 4 3/4". Requires 6 "AA" batteries. (TSP available) **44<sup>95</sup>** 32-1110



## Stereo Mike/Line Audio Mixer

Perfect for adding inputs to expand your PA system. Also ideal for recordings from multiple sources—mixes up to four mikes or line inputs simultaneously. Features left/right Glide-Path faders on all four channels. Stereo/mono switch provides custom sound selection. Battery-test LED indicator, microphone level output. 2 3/4" x 8 3/4" x 5". Requires 9V battery. (TSP avail.) **34<sup>95</sup>** 32-1105

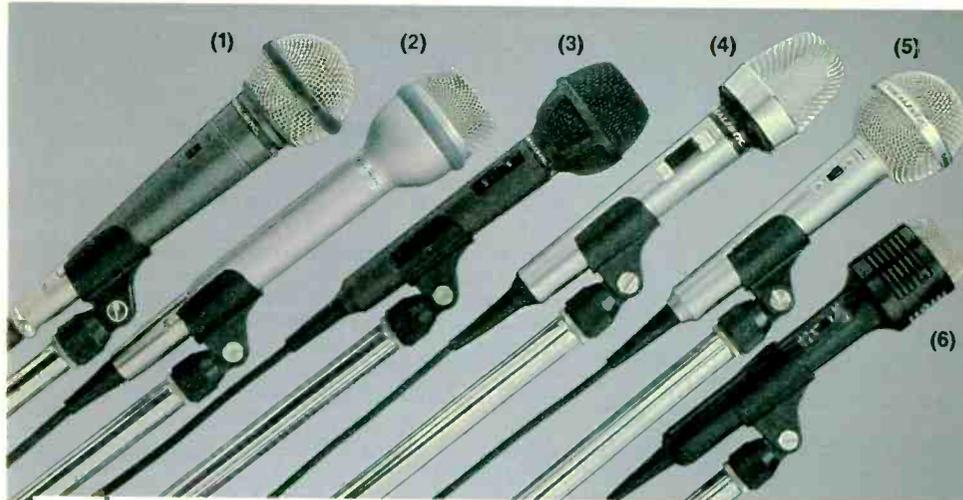


**REALISTIC™** First Choice of People Everywhere Who Demand High Reliability and Value

Tens of thousands of Realistic audio mixers are in use in the USA, and the number is growing daily. When you compare prices and see how much you get for so little money, it's easy to understand why. But there's more to the Realistic story than just low price. Realistic mixers are famous for long-lasting reliability, thanks to tough quality control

testing. We know how to build electronic equipment that will work day after day, year after year, under the constant set-up demands of musicians and performers traveling from stage to stage. And if a Realistic mixer ever does need service, just take it to your nearby Radio Shack. Only Radio Shack has 7000 repair drop-off and pick-up points. **NOBODY COMPARES!**

# REALISTIC® MICROPHONES—SOUND VALUES!



## Dynamic Microphones for Stage, Recording and PA

■ Top Quality, Low Prices

■ Two Patterns Available

**(1) Pro-Unidirectional Highball.** Outstanding for PA, recording and handheld vocal use. 80 to 15,000 Hz response. On/off switch. XLR adaptable. Includes removable 16-ft. cable with 1/4" plug, case, **59<sup>95</sup>** stand adapter. (TSP avail.) 33-984

**(2) Super-Omnidirectional.** Features flat 40-17,000 Hz response. Rubber shock ring. XLR adaptable. Includes removable 16-ft. cable with 1/4" plug, case, stand adapter. (TSP available) **47<sup>95</sup>** 33-1070

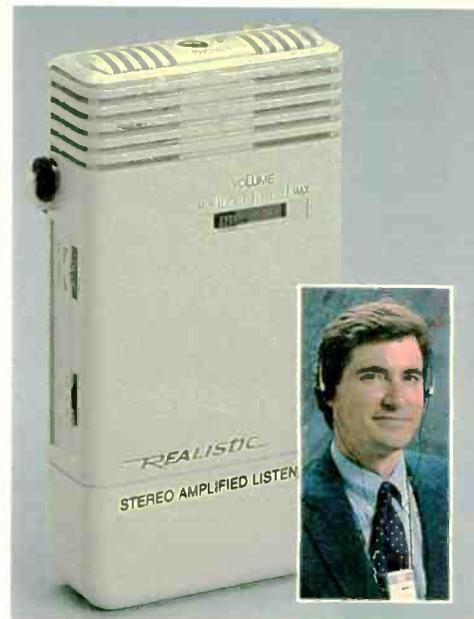
**(3) Unidirectional Dynamic.** Die-cast zinc body. 50-15,000 Hz response. On/off switch. With 5-ft. cable, 1/4" plug and stand adapter. **35<sup>95</sup>** 33-1073

**(4) Super-Unidirectional.** Pattern solves feedback/background noise problems. 80-12,000 Hz. 600 ohms. On/off switch. Includes 6-foot cable, 1/4" plug and mike stand adapter. **27<sup>95</sup>** 33-992

**(5) Omnidirectional Highball-2.** With internal "pop" filter. Excellent for vocalists. 50-13,000 Hz response. 600 ohms. On/off switch. With 6-ft. cable, 1/4" plug and stand adapter. **23<sup>95</sup>** 33-985

**(6) Unidirectional Highball-7.** Great for speeches and PA. Built-in filter cuts feedback. 80-15,000 Hz response. 600 ohms. On/off switch. Includes 10-ft. cable, 1/4" plug and stand adapter. **17<sup>95</sup>** 33-986

Mike stands not included



## Stereo Amplified Listener Boosts Sounds Around You

Dual-channel operation boosts sound while maintaining a natural sense of direction. Two built-in electret mikes, volume and balance controls, and headphone jack. Hi-boost adds extra crispness and clarity. Lightweight. 4 x 2 1/4 x 7/8". Neck cord. Requires stereo headphones with 1/8" plug and 2 "AA" batteries. **21<sup>95</sup>** 33-1093

Choose From Our Big Selection of Stereo Headphones. See page 29 for lightweight, comfortable headphones to use with Stereo Amplified Listener. **LOW AS 5<sup>95</sup>**



## PZM™-Type Microphone

**Realistic PZM.** Responds to sound pressure, not sound waves, to cut echo effects while increasing clarity and range. Excellent for stage performances. 20-18,000 Hz response. 600 ohms. 5 1/2 x 4 7/8" metal base. Includes 18-ft. cord, 1/4" plug. Requires "AA" battery. **49<sup>95</sup>** (TSP available) 33-1090



## Mikes for Portable Recorders

On/off switch on mike starts and stops recorder. All have 1/8" audio plug and 3/32" remote plug.

**(1) Omni Electret.** 20-13,000 Hz. With 6 1/2"-ft. cord, stand, windscreen and battery. **33-1060 ... 17.95**

**(2) Omni Dynamic With Windscreen.** 100-11,000 Hz. 6 1/2"-ft. cord. Low impedance. **33-2001, 11.95**

**(3) NEW! Budget Dynamic.** General-purpose use. Low impedance. 6 1/2"-ft. cord. **33-1067 ... 4.95**



## Dual Electret Elements! Record in Stereo With One Mike

The mike that does double duty! Dual unidirectional heads adjust up to 180° apart for best stereo separation when recording ensembles. 50-15,000 Hz. Flip-up stand. Has two slip-on foam windcreens, 6 1/2" cord with 1/8" plugs. Requires "AA" battery. **27<sup>95</sup>** 33-1065



Omi

Uni



## Facts About Pickup Pattern Choice and XLR Adaptability

**Omnidirectional.** This wide pickup pattern provides equal sensitivity to sound in all directions.

**Unidirectional or Cardioid.** Single-direction pickup pattern helps reduce feedback and background noise.

**XLR Adaptable.** Models 33-984 and 33-1070, above, are easy to adapt to XLR balanced output, used in many professional sound systems. See XLR connectors on facing page and bulk microphone cable on page 149.

PZM IS A TRADEMARK OF CROWN INTERNATIONAL

# WIRELESS MIKES AND MIKE ACCESSORIES



## Three-Channel FM Wireless Mike System

Hands-free mikes for three users! Receiver has volume control for each mike—works like a mixer. Line and mike-level outputs. UL listed AC (or DC adapter, extra). Each transmitter has mute, lapel mike and requires "AA" battery. (TSP avail.) 32-1228 ..... Low As \$15 Per Month **169<sup>95</sup>**



## Pro-Quality Handheld FM Wireless Mike

**NEW!** Crystal-controlled 170-MHz operation for pro-quality sound. Receiver has output level control, line and mike-level outputs. UL listed AC. Dynamic mike has on/off, requires 9V battery. (TSP available) 32-1224 ..... Low As \$15 Per Month **129<sup>95</sup>**



## Camcorder FM Wireless Mike

Record from up to 200 feet away! Crystal-controlled for drift-free, noise-free sound. Transmitter has belt clip, tie-clip electret mike and cord. Receiver has hi/low volume control, monitor, earphone, cable for 1/8" camcorder mike input, shoe mount to attach to camcorder. Requires 2 9V batteries. (TSP available) 32-1226 **69<sup>95</sup>**



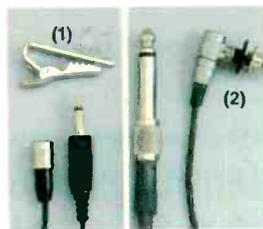
## Wireless Mike for FM Radio

Tiny, low-cost mike transmits to any FM radio. It's excellent for many remote taping and PA needs, or use it to monitor a child's room or play area. Tunable 88 to 108 MHz—just tune radio to same frequency. Range is up to 250 feet outdoors, 100 feet indoors. On/off switch. Requires Radio Shack #23-1521 battery. 33-1076 **19<sup>95</sup>**



## FM Wireless Mike System

Crystal-controlled for clear sound. 200-ft. range, 70-10,000 Hz response. Transmitter has off/standby/talk switch, battery-test LED, belt clip, mike with cord and tie clip. Requires "AA" battery. Dual-superhet receiver has both line and mike-level outputs. UL listed AC (or DC adapter, extra). (TSP available) 32-1221 **69<sup>95</sup>**



## Hands-Free Electret Mikes

(1) Tie-Clip Omni. Only 3/4" long! 50-15,000 Hz response. 1000 ohms. With 3-ft. cord, 1/8" plug. Includes Radio Shack LR44 battery. 33-1052 **19<sup>95</sup>**

(2) Tie-Pin Super-Omni. 7/8" long. 50-18,000 Hz response. 800 ohms. With 6 1/2-ft. cord, 1/8" plug, 1/4" adapter, pin, RS LR44 battery. 33-1063 **27<sup>95</sup>**



## Desktop Mike Stand

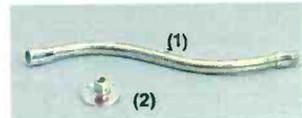
Professional quality at a low price. Cast iron base with padded feet, 4" chromed tube. Std. 5/8" thread. 33-370 ..... **6.99**



## Mike Stand Adapters

(1) Clamp-On. Spring-action. Secure hold. 33-372, **4.29**  
(2) Slip-In. Fits std. thread. 33-371, **2.59**

Stands not included



## Mike Accessories

(1) 13" Gooseneck. Adjust mike to any position. 33-330 .. **5.99**  
(2) 3/8" Screw Flange. For mounting Fig. 1. 33-332, **2.59**



## Foam Windscreen

Cuts wind and breath noises for a more professional performance. Fits most mikes. 33-373 ... **1.79**  
Microphone not included



## Portable Folding Mike Stand

Extra sturdy! Adjusts from 32-57". Folds for transport or storage. Standard 5/8" thread. 33-325 ..... **23.95**



## Heavy-Duty Mike Stand

For stage, studio or home. Cast iron base. Adjusts from 34-64". Standard 5/8" thread. 33-320, **21.95**



## 31" Boom Adapter

Attaches to stand to let you position mike where you want it. Adjustable length and angle, built-in counterweight. Standard 5/8" thread. 33-344 ..... **15.95**



## 1/4" XLR Adapters

(1) A3F. Balanced mike/line to hi-impedance input. 274-016, **11.99**  
(2) A3M. Connects high-impedance mike to balanced line or system. 274-017 ..... **11.99**

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Look for "TSP available" preceding catalog no. in product descriptions as in the example at right.

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12	Sound Items below \$100	24.95	3	16	Camcorders	79.95	1	42	Musical Keyboards	29.95	5
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13	Systems below \$500	49.95	3	17	Cellular Telephones	129.95	3	42	Components below \$50	19.95	5
13	Systems above \$500	99.95	5	19	Transceivers	29.95	5	42	CD Players	59.95	5
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16	SCR/Modulare Portables & VCP/TV Combos	79.95	3	31	STA/SCR Receivers	59.95	5	61	Security Items below \$50	19.95	3
16	VCRs, CD/LD Players & VCR/TV Combos	139.95	3	31	Equalizers	39.95	5	61	Security Items above \$50	29.95	3
16	VCRs	49.95	1	32	PA Items below \$50	19.95	5	63	Personal Copier PPC-750	99.95	3
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				35	Calculators above \$50	19.95	3	65	Calculators above \$50	19.95	3

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**29<sup>95</sup>**



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- Reacts to Music and Voice to Form Countless Light Patterns
- Intensity Control Provides Infinite Variety of Rhythmic Designs

**NEW!** Brings a dazzling visual dimension to sound—transforms music and voices into kaleidoscopic patterns of brilliant color. Plug in and speak or play music. A row of 20 red and yellow LEDs on a spinning axis lights up in sequence to different sounds. Intensity control provides endless combinations of geometric shapes. Built-in mike.  $9\frac{7}{8} \times 9\frac{5}{8}$ " display. UL listed AC. **42-3039**

**79<sup>95</sup>**



## High-Intensity Strobe Light

- Add Some Real Pizzazz to Your Next Party

Switch on this wide-angle strobe and vary its flash rate to see people "freeze" or move in slow-motion. Polished reflector in a walnut-vinyl enclosure.  $7\frac{1}{2} \times 7\frac{1}{2} \times 4\frac{3}{4}$ ". UL listed AC. **42-3009**

**34<sup>95</sup>**



## Revolving Red Light

- Liven Up Any Get-Together

Reflector revolves to cast a spray of brilliant red search beams on walls, furnishings and ceiling. This party light is 7" high and like the ones you see in many dance clubs. UL listed AC. **42-3040**

**31<sup>95</sup>**



## Multicolor Light Show

- Entertaining Visual Effect

Great mood effect with music or by itself! Faceted enclosure casts an array of colors about the room, floor and ceiling. 7" high. For attention-getting displays or parties. UL listed AC. **42-3018**

**13<sup>95</sup>**

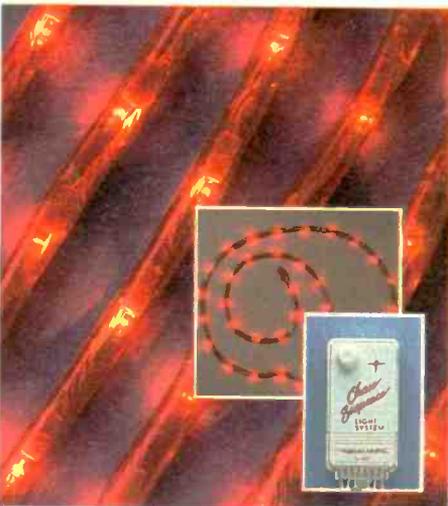


## Illuma-Storm® Light Display

- Sculpture With Action—Responds To Music, Voice and Touch
- High-Energy Visual Effect With Variable Intensity and Focus

A high-energy field causes constant patterns of colorful lightning bolts. The swirling plasma effects change when the glass sphere is touched. Select audio mode and the built-in mike causes the effect to respond to sound. Intensity and focus controls. 14" high. UL listed AC. Was \$119.95 in 1991 Catalog. **42-3035**

**NEW LOW PRICE!**  
**99<sup>95</sup>**



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**39<sup>95</sup>**

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- 5-30,000 Hz Frequency Response
- Precise High-Frequency Tracking

Realistic/Shure V15 Type RS. Brings new brilliance to records with its ultrawide response and 30 dB channel separation. Hyperelliptical stylus. Smooth tracking at only 1.25 to 1.75 grams. Dynamic stabilizer and viscous damping. 42-2800 **79<sup>95</sup>**



## Realistic/Shure Elliptical-Diamond-Stylus Cartridges



R25XT. 20-20,000 Hz. Tracks at 2.5-3.5 grams. **19<sup>95</sup>**  
42-2777

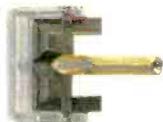


R47XT. Like R25XT, but with 1.75-2.25 grams tracking. **26<sup>95</sup>**  
42-2778

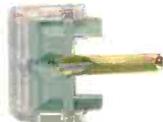


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42-2790

## Diamond Replacement Styli for Our Cartridges



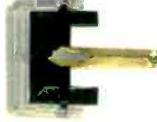
R3X. For R25, M71, M75ECS series. **14<sup>95</sup>**  
42-2780



R5X. For R47, M70, M75 series. **17<sup>95</sup>**  
42-2781



RS3P. For RXP3, M92E, M99E, M104E. **19<sup>95</sup>**  
42-2791



R8X. For R1000, M90, M75, T-2 series. **24<sup>95</sup>**  
42-2783

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- (1)
- (2)
- (3)

(1) RS-166. For BSR cartridge or stylus no. SC7M, SC8M, ST-16, ST-17 and ST-21. **42-2892 ..... 3.99**

(2) RS-98. For Tetrad cartridge or stylus no. 51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, 20HD. **42-2802 ..... 3.99**

(3) RS-127. For Tetrad cartridge or stylus no. 40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-01/2/3, T3, 30MD. **42-2841 ..... 3.99**

## DAT-2 Stylus

Diamond conical-design stylus for Pickering V15/AT-1/2, KLH and similar cartridge types. **11<sup>95</sup>**  
42-2484

## Realistic/Stanton PROFESSIONAL SERIES



RS500DJ Cartridge. Designed for radio stations and dance clubs. Super rugged to handle back-cueing and scratch-mixing. 2-5 grams tracking. 20-20,000 Hz response. **29<sup>95</sup>**  
42-2794



RS500DJ Stylus. Top-quality diamond spherical stylus for RS500DJ, above. Engineered to meet the demands of professional broadcasters. **19<sup>95</sup>**  
42-2793

## Realistic/Audio-Technica QUALITY SERIES



RX 1500 Cartridge. Diamond elliptical stylus. Tracks at 1-1.5 grams. 15-25,000 Hz response. **29<sup>95</sup>**  
42-2775



RT1500 Stylus. Diamond elliptical stylus. Tracks 1-1.5 grams. For RX1500, AT-102P, 102, 112, 122EP. **19<sup>95</sup>**  
42-2776



**We Can Get Those  
Hard-to-Find Styli  
And Cartridges!  
Hundreds of  
Types Available**

## NO EXTRA CHARGE FOR THIS SERVICE!

Our "Hotline" Service can deliver most replacement styli and cartridges to your nearby Radio Shack store fast! There are hundreds of types available. If the type you need isn't shown here, ask your Radio Shack store manager to order it for you. There's no extra charge!

# TWEETERS, MIDRANGES AND ACCESSORIES



## High-Power Piezo Tweeters to Upgrade Your System

Efficient ceramic drivers replace coil/magnets. No crossovers required.

- (1) 2" Cone. 75 watts, 5-25 kHz. 93 dB (1W/1M). 40-1383 ..... 4.95  
 (2) 3.5" Horn. 75 watts, 4-27 kHz. 94 dB (1W/1M). 40-1396 ..... 13.95  
 (3) 2 x 6" Horn 75 watts, 2-25 kHz. 94 dB (1W/1M). 40-1379 ..... 14.95  
 (4) 3.75" Horn. 75 watts, 4-25 kHz. 92 dB (1W/1M). 40-1397 ..... 9.95



## Wide-Dispersion Dome Tweeter

Reacts quickly to input for excellent transient and high-frequency response. Efficient 1" mylar dome. Power: 40 watts. Frequency range: 6-20 kHz. SPL: 87 dB (1W/1M). 40-1276 ..... 15.95



## Dynamic Tweeter Horns

Wide, controlled dispersion.

Type	Cap. in W	Eff. Range (kHz)	SPL 1W/1M	Cat. No.	Each
2 1/4" x 6"	50	6-16	98	40-1278	12.95
	60	5-17	96	40-1228	16.95



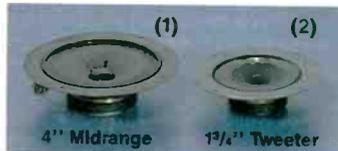
## Dual Radial Super Horn Tweeter

Specially designed 4" tweeter has extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 dB (1W/1M). Wide dispersion. 40-1377 ..... 17.95



## Rectangular Piezo Tweeter

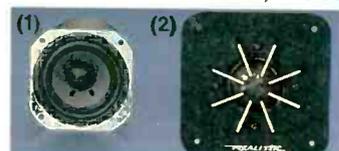
State-of-the-art! Delivers a frequency response of 4000-27,000 Hz. Wide dispersion for excellent imaging throughout the listening area. Rated up to 85 watts. SPL: 92 dB (1W/1M). 40-1398, 10.95



## Dynamic Cone Drivers

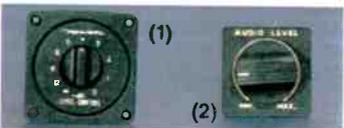
Extend high/mid frequencies

Fig.	Cap. in W	Eff. Range (kHz)	SPL 1W/1M	Mag. Wt. (Oz.)	Cat. No.	Each
1	40	1.5-11	92	2.8	40-1282	11.95
2	50	5-20	91	2	40-1270	8.95



## Dynamic Midrange Speakers

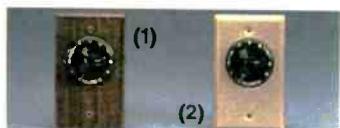
(1) 3" Mid/Tweeter. 0.7-20 kHz. 30 watts. 89 dB (1W/1M). Magnet: 3 oz. 40-1289 ..... 12.95  
 (2) Soft-Dome 4". 1.5-10 kHz. 70 watts. 86 dB (1W/1M). Magnet: 10.8 oz. 40-1281 ..... 21.95



## Mono L-Pad Volume Controls

Each controls one 8-ohm speaker. Mounts in wall or speaker cabinet.

- (1) 75 Watt Peak. 40-977 ... 9.95  
 (2) 25 Watt Peak. 40-980 ... 5.95



## Stereo L-Pad Volume Controls

Each controls two 8-ohm speakers. Fit most standard wallboxes.

- (1) 75 Watt Peak. 40-978 .. 15.95  
 (2) 25 Watt Peak. 40-979 .. 9.95



## Black Metal Speaker Grilles With Mounting Screws

- 8" Grille. 40-1345 ..... 7.95  
**NEW!** 10" Grille. 40-1357 ... 8.95  
 12" Grille. 40-1346 ..... 10.95  
**NEW!** 15" Grille. 40-1358 ... 16.95



## Heavy-Duty Grille Fabric

Perfect material for stage equipment and bands, this fabric is made tough to resist tearing and protect speakers. 36 x 32". 40-1952 ..... 7.95



## Universal 2-Way Crossover

Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. 40-1296 ..... 7.95



## Universal 3-Way Crossover

Has 4 combinations: 800-5000, 800-7000, 1600-5000, 1600-7000 Hz. Cut-off: 6 dB per octave. Capacity: 100 watts. 40-1299, 14.95



## Speaker Grille Cloth

Fig.	Desc.	Size	Cat. No.	Each
1	Brown	36 x 34"	40-1936	7.95
2	Black	36 x 34"	40-1935	7.95
3	Weave	36 x 32"	40-1949	6.95



## Foam Speaker Grille

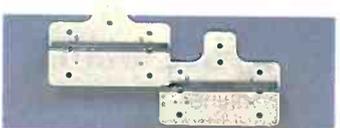
Replace your worn-out grille. Easy to trim with scissors for a custom fit. Acoustically transparent. 17 x 23 1/2 x 3/4".

- Brown.** 40-1946 ..... 7.95  
**Black.** 40-1951 ..... 7.95



## Ceiling Speaker Grilles

- Round grilles with hardware.  
 4" Grille. 40-1220 ..... 4.59  
 8" Grille. 40-1223 ..... 5.69



## Metal Wall Brackets

Each supports up to 50 lbs. With hardware for mounting two speakers. 40-150 ..... 3.49



## Fiber Glass Acoustic Insulation

Easy to install. Damps out unwanted effects in speaker enclosure. Measures one square yard. 42-1082 ... 3.49



## Speaker Flush-Wall Jacks

- (1) Two phono plugs. 40-981, 3.29  
 (2) Two color-coded, spring-loaded push terminals. 40-975 ..... 3.39

# EASY WAYS TO UPGRADE AND CUSTOMIZE

## Speaker Selector Switch

Controls two pairs of stereo speakers. Select pair-one, pair-two or both. Metal case with predrilled tabs. Screw terminals.

40-130 ..... **8.95**



## Three-Way Switch Box for Six Speakers

Controls up to three pairs of speakers from one location. Rated at 10 watts. Simulated-walnut finish. 40-125 ..... **17.95**



## High-Power Eight-Speaker Switch Box

Designed to handle higher-powered amplifiers and receivers. Spring-terminal connectors. Handles 100 watts per channel. 40-136 ..... **31.95**



## Popular Wide-Range Speakers



Size	Cap. (W)	Magnet Wt. (Oz.)	Cat. No.	Each
3"	2.0	0.4	40-248	<b>2.99</b>
2 1/4"	0.5	0.4	40-246	<b>2.69</b>
2"	0.5	0.4	40-245	<b>2.39</b>

## Wide-Range 6" Speakers



Size	Cap. (W)	Effective Range (Hz)	Magnet Wt. (Oz.)	Cat. No.	Each
6" w/Whizzer	20	55-12K	9.8	40-1285	<b>18.95</b>
6"	5	90-12K	2.8	40-1242	<b>6.95</b>

## Wide-Range 8" Speakers



Cap. (W)	Eff. Range (Hz)	SPL 1W/1M (dB)	Magnet Wt. (Oz.)	Cat. No.	Each
10	75-25K	88	2.8	40-1271	<b>7.95</b>
10	90-20K	87	5.3	40-1272	<b>10.95</b>
30	57-16K	93	9.4	40-1286	<b>18.95</b>

## 4" Woofer



Long-throw cone excursion for solid bass. 8-oz magnet. 40-1022 .... **13.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
10	55-5000	55	.35	.23	84

## Poly 6 1/2" Woofer



Great for shelf systems. 10-oz magnet. Polypropylene. 40-1011 ..... **21.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
50	50-6000	50	.40	1.5	89

## 8" Woofers



Paper Cone. Cap. 50W. 40-1016, **29.95**  
Poly Cone. Cap. 50W. 40-1024, **33.95**

Cone Type	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub>	SPL 1W/1M (dB)
Paper	45-2500	50	.58	1.4	91
Poly	40-3000	35	.28	2.1	89

## 10" Woofer



Long-throw cone with foam surround. 9-oz magnet. 40-1331 ..... **35.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
50	40-5000	40	.93	4.3	91

## Poly 12" Woofer



Polypropylene. 19-ounce magnet. 40-1026 ..... **53.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
50	40-3000	21.5	.665	15.5	89

## Poly 15" Woofer



Bass you can feel. 24.4-oz magnet. Polypropylene. 40-1301 ..... **64.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
100	30-1500	20	.45	21.0	92

## 18" Woofer



**NEW!** Ideal for musicians. 67-oz magnet. 40-1309 ..... **139.95**

Cap. (W)	Eff. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (ft <sup>3</sup> )	SPL 1W/1M (dB)
200	25-1200	16.5	.20	41	95

## 8" Dual-Coil Subwoofer



18-oz magnet. Q<sub>TS</sub>: .48, V<sub>AS</sub> (ft<sup>3</sup>): 1.7. F<sub>0</sub> (Hz): 45 40-1348 ..... **41.95**

Coil	Cap. (W)	Eff. Range (Hz)	SPL 1W/1M (dB)	Ohms Imp.
Mono	100	40-1000	86	8
Each	50	40-1000	92	4

## 12" Dual-Coil Subwoofer



Dual voice coil—connect both channels to a single speaker. 19-ounce magnet. Q<sub>TS</sub>: .38, V<sub>AS</sub>(ft<sup>3</sup>): 13.3, F<sub>0</sub>(Hz): 21.

40-1350 ..... **61.95**

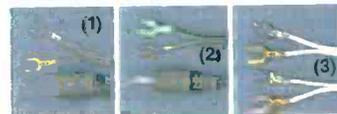
Coil	Cap. (W)	Eff. Range (Hz)	SPL 1W/1M (dB)	Ohms Imp.
Mono	120	26-2700	89	8
Each	60	26-2700	95	4

## Radio Shack is America's Favorite One-Stop-Shopping Center for Speaker Cables

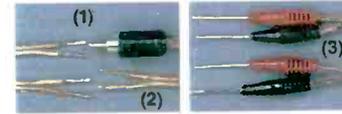


### ■ Cables With RCA-Type Plugs

Feet	Color	Gauge	Cat. No.	Each
50	Brown	18	42-2480	<b>8.99</b>
24	Brown	18	42-2478	<b>4.99</b>
12	Brown	18	42-2479	<b>3.99</b>
24	Gray	24	42-2382	<b>3.29</b>
24	White	24	42-2430	<b>3.29</b>
12	Gray	24	42-2445	<b>2.75</b>
12	White	24	42-2431	<b>2.75</b>



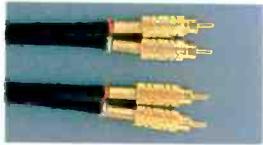
- (1) Plug-to-Lug Cables. RCA plug.  
24 Feet. 24 gauge. 42-2450 ..... **2.39**  
12 Feet. 24 gauge. 42-2449 ..... **2.25**  
(2) 1/8" Plug-to-Lug Cable. 12-ft., 24-gauge cable. 42-2454 ..... **2.25**  
(3) Solderless Lug-to-Lug Cables.  
24 Feet. 24 gauge. 42-2446 ..... **2.19**  
12 Feet. 24 gauge. 42-2447 ..... **1.65**



### ■ Quality 24-Foot Cables

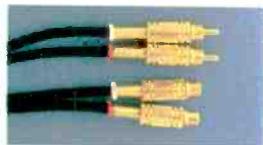
- (1) Tinned Ends to Phono Plug. 42-2457 ..... **4.69**  
(2) Tinned Ends. 42-2456 ..... **4.29**  
(3) Pin Connector. Top quality! Special cable made from low-loss 18-gauge copper wire with tinned pins for easy hookup to spring terminals. Color-coded finger-grips. 42-2455 ..... **4.99**

# WE'VE GOT YOUR AUDIO CONNECTIONS



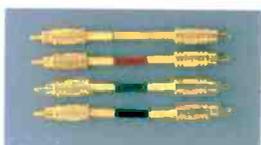
## "Gold" Patch Cable

Shielded, extra-rugged stereo patch cable with gold-plated phono connectors. 3 ft. 42-2601 ..... **9.95**



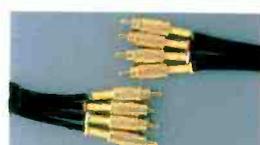
## "Gold" Extension

Shielded patch cable extender, gold-plated phono plugs and jacks. 3 ft. 42-2602 ..... **9.95**



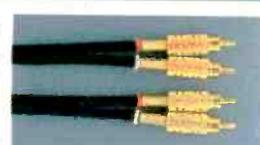
## "Gold" Cable Set

Four very low-loss, shielded, heavy-duty audio cables. Gold-plated phono plugs. 3 ft. 42-2603, **16.95**



## "Gold" Ribbon

Shielded 4-conductor cable with gold-plated phono connectors. 3 ft. 42-2604 ..... **16.95**



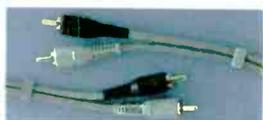
## "Gold" 6-Ft. Patch

Shielded, extra-rugged stereo patch cable with gold-plated phono connectors. 42-2605, **11.95**



## 12-Ft. Patch Cable

**NEW!** Fully shielded. For jobs requiring more cable length. 42-2356 ..... **6.59**



## Shielded Cables

Feet	Cat. No.	Each
3	42-2351	<b>3.89</b>
6	42-2352	<b>4.39</b>



## Patch Extension

Shielded 3-ft. cable—two phono plugs, two phono jacks. 42-2353 ..... **3.99**



## Audio Cable Set

Four 3-ft. audio cables with phono plug connectors. 42-2309 ..... **5.69**



## Shielded Dual Patch

Color-coded phono plugs 3-Ft. 42-2354 ..... **6.99**  
6-Ft. 42-2355 ..... **8.89**



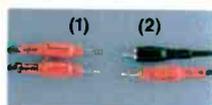
## FM Antenna

Dipole with spade lugs to connect to 300-ohm FM input. 42-2385 ..... **2.99**



## Audio Cable

Shielded 6-ft. cable with 1/8" stereo plug at each end. 42-2387 ..... **3.49**



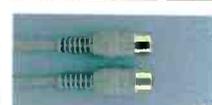
## Dubbing Cords

(1) With 1/8" Plug. 6 1/2 ft. 42-2152 ..... **3.39**  
(2) Phono to 1/8" Plg. 6 ft. 42-2461 ..... **3.89**



## Mini Ys

Stereo 1/8" plug to two phono plugs.  
3-Ft. 42-2475 ..... **4.39**  
6-Ft. 42-2481 ..... **4.99**



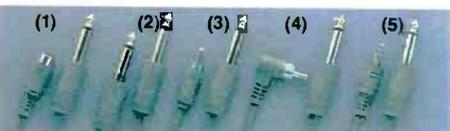
## DIN Cable

Shielded 6-ft. cable with 5-pin male DIN connector at each end. 42-2151 ..... **4.99**



## Stereo Y

For recording from head-phone jack. 1/4" plug to two phono plugs. Shielded 6-ft. 42-2474 ..... **5.95**



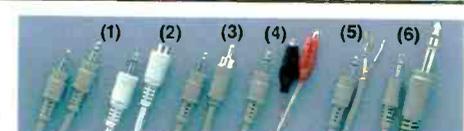
## Shielded Cables With 1/4" Plug

Fig.	Description	Feet	Cat. No.	Each
1	1/4" Plug to Phono Jack	6	42-2377	<b>2.95</b>
2	1/4" Plug to 1/4" Plug	6	42-2381	<b>3.35</b>
3	1/4" Plug to Phono Plug	6	42-2373	<b>3.25</b>
4	1/4" Plug to 90° Phono Plug	6	42-2440	<b>2.89</b>
5	1/4" Plug to 1/8" Mini Plug	6	42-2433	<b>2.95</b>



## Phono-Connector Shielded Cables

Fig.	Description	Feet	Cat. No.	Each
1	Phono Jack to Phono Jack	6	42-2358	<b>2.55</b>
2	Phono Plug to Phono Jack	3	42-2361	<b>2.29</b>
2	Phono Plug to Phono Jack	6	42-2362	<b>2.45</b>
2	Phono Plug to Phono Jack	12	42-2363	<b>3.29</b>
3	Phono Plug to Phono Plug	1 1/2	42-2365	<b>1.79</b>
3	Phono Plug to Phono Plug	3	42-2366	<b>1.89</b>
3	Phono Plug to Phono Plug	6	42-2367	<b>2.45</b>
3	Phono Plug to Phono Plug	12	42-2368	<b>3.49</b>
4	Phono Plug to Tinned Wire	3	42-2370	<b>1.69</b>
4	Phono Plug to Tinned Wire	6	42-2371	<b>1.95</b>
4	Phono Plug to Tinned Wire	12	42-2372	<b>2.29</b>



## Shielded Cables With 1/8" Plugs

Fig.	Description	Feet	Cat. No.	Each
1	1/8" Plug to 1/8" Plug	6	42-2420	<b>2.35</b>
2	1/8" Plug to 1/8" Jack	6	42-2472	<b>3.25</b>
3	1/8" Plug to Phono Plug	6	42-2444	<b>2.19</b>
4	1/8" Plug to Alligator Clips	6	42-2421	<b>2.35</b>
5	1/8" Plug To Stripped Ends	6	42-2434	<b>2.35</b>
6	1/8" Plug to Stereo 1/4" Plug	6	42-2157	<b>3.99</b>



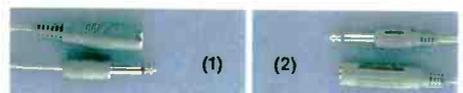
## Shielded Phono Y-Adapters

(1) Two Phono Plugs to Monaural 1/8" Plug. 9" cables. 42-2153 ..... **2.29**  
(2) Two Phono Jacks to Monaural 1/8" Plug. 9" cables. 42-2154 ..... **2.29**  
(3) Two Phono Jacks to Monaural 1/4" Plug. 5 3/4" cables. 42-2150 ..... **2.29**  
(4) Two Phono Plugs to Stereo 1/4" Jack. 42-2471 ..... **3.79**  
(5) Two Phono Jacks to Stereo 1/4" Plug. 42-2477 ..... **2.59**



## Shielded Coiled Guitar Cords

(1) 15-Ft. Retracts to 3 ft. Straight 1/4" plug to 90° 1/4" plug. 42-2473 ..... **6.99**  
(2) 12-Ft. Right-angle 1/4" plugs. 42-978 ..... **4.99**



## Mike Cable Extensions

(1) 25-Ft. 1/4" plug to 1/4" jack. 42-2379 ..... **5.99**  
(2) 12-Ft. 1/4" plug to 1/4" jack. 42-2378 ..... **4.29**



## Shielded Y-Adapters

Fig.	Description	Length	Cat. No.	Each
1	2 Phono Plugs to Phono Jack	4"	42-2435	<b>2.79</b>
2	Phono Plug to 2 Phono Jacks	3"	42-2436	<b>2.69</b>
3	2 1/8" Plugs to 1/8" Jack	4"	42-2158	<b>2.99</b>
4	2 1/4" Plugs to 1/4" Jack	3"	42-2156	<b>3.59</b>
5	2 Phono Plugs to Phono Plug	4"	42-2438	<b>2.29</b>

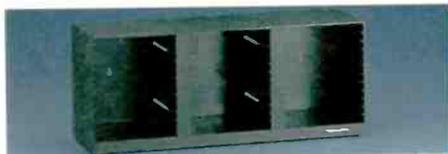
# PROTECTION FOR YOUR MUSIC COLLECTION



## Battery-Powered CD Cleaner

- Takes 15 Seconds

Cleans compact discs to keep them playing like new. Auto shut-off, with fluid. Requires 2 "AA" batteries. 42-124 ..... **29.95**

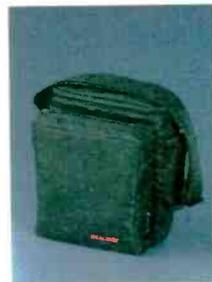


## 36-CD Storage Rack

**NEW!** Keep your CD collection organized with a convenient easy-to-access case. Sturdy molded construction with non-slip rubber feet. 42-216 ..... **12.95**

## Portable CD Carry Bag

**NEW!** Holds your CD portable plus five compact discs in separate compartments. With shoulder strap. 42-217 ..... **17.95**



## Compact Disc Cleaning System

Removes dust and dirt from your CDs to help eliminate "skipping". With cleaning case, fluid, brush and instructions. 42-116 ... **12.95**



## Compact Disc Storage Rack

Keeps 25 CDs in a vertical position for easy access and protection. Attractive, durable molded construction. 42-215 ..... **5.95**

## CD Player Lens Cleaner

- Safe, Easy Way to Clean Laser Lens
- For Home and Portable Players

Just insert this specially encoded disc to clean laser pickup. Nonabrasive. (Not for magazine-type changers.) 42-123 ..... **14.95**



## Budget Compact Disc Cleaner

Low-cost cleaning for CDs. Removes dirt, fingerprints and dust. With base, cleaning pad and fluid. 42-113 .... **4.95**



## Compact Disc Storage Rack

■ Protect Your CDs  
Lets you organize and store up to 10 compact discs in their jewel boxes. 42-214, **5.95**

## Compact Disc Jewel Boxes

Now you can easily replace scratched, cracked or lost CD jewel boxes. 42-122, **Pkg. of 2/2.99**



## Compact Disc Cleaner Fluid

**NEW!** Just a spray to keep each of your CDs sounding great. One fluid oz. 42-126 ..... **2.59**



## Headshell Replacement

Low-mass design. Fits most S-shaped phono tonearms and accepts popular cartridges. With hardware. 42-2752, **5.99**



## Mag-Cartridge Preamp

Adapts amps, receivers or portables with aux/ceramic inputs to accept magnetic-cartridge turntable. UL listed AC. 42-2109 ... **27.95**



## "Auto" Power Controller

Switches entire A/V system on/off when you switch one component on/off. Spike protector and noise filter. UL listed AC. 61-2781, **49.95**



## Record Cleaning Fluid

Safely cleans records and styli. Also helps to eliminate static. 42-119, **1.99**



## LP Spray Cleaner

Spray and special cloth remove debris to prolong record life. 42-2500, **2.99**



## Record/Stylus Cleaner

Cleans records and stylus tip. With fluid, case. 42-140 .. **4.99**



## Pro Record Cleaner

Velvet-surfaced brush, base and 2 oz. of fluid. 42-117 ..... **7.95**



## "Single" Sleeves

Keeps your 45-RPM records dust-free and prevents scratching. 42-142 ... **Pkg. of 20/2.39**



## Laser Disc/LP Sleeves

Replacement sleeves protect LPs and 12" laser video discs. 42-132 ..... **Pkg. of 10/2.79**



## 45-RPM Adapter

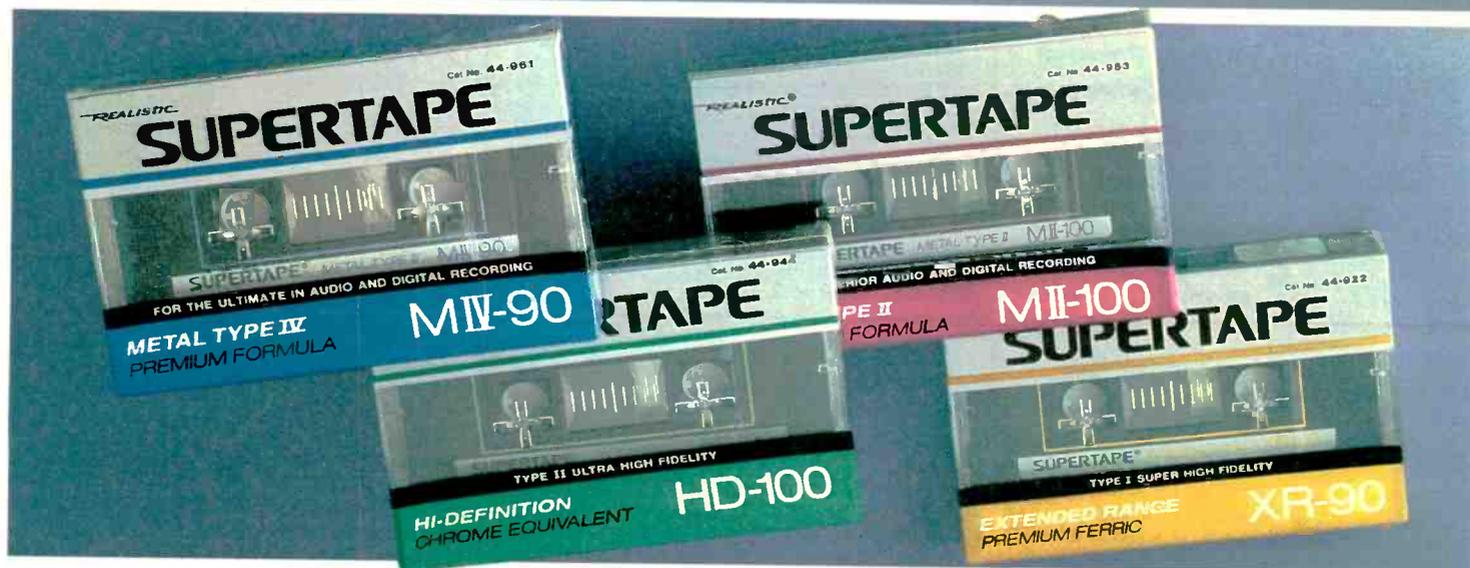
Instantly lets you play 45-RPM records on any standard phono spindle. 42-120 ..... **69¢**



## 12" Turntable Cushions

- (1) Foam. 42-361 ..... **1.19**
- (2) Antistatic. 42-362 .... **3.95**

# PREMIUM PERFORMANCE SUPERTAPE



## Our Best! MIV Digital-Ready Metal Type IV

Enjoy greater high-frequency headroom and audio reproduction that is virtually indistinguishable from open-reel recordings. Recommended for personal taping from compact discs. Designed for recording on metal-capable equipment only. Plays back on all cassette equipment. Precision 5-screw housing reduces wow and flutter. Special nonabrasive cleaning leader. Includes hinged storage box with handy index card.

Type	Total Recording Time	Cat. No.	Each
MIV-60	60 Minutes	44-960	4.99
MIV-90	90 Minutes	44-961	5.99

## Digital-Ready HD Chrome Equivalent Type II

Excellent for CrO<sub>2</sub>/hi-bias position recording. Captures loudest and softest passages while reducing noise. Plays on all cassette equipment. Nonabrasive cleaning leader. 5-screw housing. Hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
HD-46	46 Minutes	44-942	2.39
HD-60	60 Minutes	44-940	2.49
HD-76	76 Minutes	44-943	2.79
HD-90	90 Minutes	44-941	2.99
HD-100	100 Minutes	44-944	3.89



## LN Low-Noise Standard Ferric Type I

High-flux-density oxide formula delivers high output with low noise. Precision housing cuts wow and flutter. For recording and playback on all cassette equipment.

Type	Total Recording Time	Cat. No.	2-Pack
LN-30	30 Minutes	44-901	1.89
LN-60	60 Minutes	44-902	1.99
LN-90	90 Minutes	44-903	2.39
LN-120	120 Minutes	44-904	3.49

## Premium MII Type II Metal for Hi-Bias Decks

A superb metal tape for recording on decks with CrO<sub>2</sub>/hi-bias 70μs EQ switch position. Exceptionally wide dynamic range and much lower noise. Plays on all cassette equipment. Each has a nonabrasive head-cleaning leader, 5-screw housing and a hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
MII-60	60 Minutes	44-950	3.99
MII-76	76 Minutes	44-952	4.49
MII-90	90 Minutes	44-951	4.79
MII-100	100 Minutes	44-953	4.99

## Premium XR Extended-Range Ferric Type I

Audiophile-quality tape at bargain prices! Delivers optimum performance at normal bias for greater "detail." Precision 5-screw housing reduces wow and flutter. For recording and playback on all cassette equipment. Nonabrasive head-cleaning leader. Hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
XR-46	46 Minutes	44-920	1.39
XR-60	60 Minutes	44-921	1.49
XR-90	90 Minutes	44-922	1.99
XR-120	120 Minutes	44-923	2.79

## SUPERTAPE® Our Famous Brand Highly Rated by a Leading Audio Magazine

In tests, SUPERTAPE outperformed many other famous-brand tapes on the market. It's made in our own USA factory, and we go to extremes to make sure our tape is state-of-the-art in formulation and

performance so you get the best possible sound. And the 76 and 100-minute lengths are ideal for recording from digital sources. Always choose SUPERTAPE—you'll hear an improvement.

# HOW TO PAMPER YOUR RECORDER & TAPE

## Bulk Eraser

Complete erasing fast! (Not for metal or videotape.) UL listed AC. 44-232 ..... 19.95



## Head Cleaner Kit

Extends tape life by cleaning entire tape path. With fluid. 44-1162 ..... 2.89

## Pro-Style Cleaning Solvent

Dissolves dirt and oxides to protect components, improve performance. 2 ounces. 44-1113 ..... 3.59



## Cleaner/Lube Kit

10 swabs, 1 1/4-oz. bottles of cleaner and lubricant. Excellent for cleaning those hard-to-reach places. 44-217 ..... 2.59

## Lighted Demagnetizer

Lighted 3/2" probe works with all tape decks. UL listed. 44-207 ..... 15.95



## Head Cleaner

For cassette. Non-abrasive tape helps restore sound clarity. 44-1160 ..... 1.99

## Standard Cleaner Solution

Protects equipment by effectively cleaning tape heads, guides and rollers. 2 fluid ounces. 44-1010 ..... 99¢

## Non-Slip Solvent

Stops slippage of belts, cords and idlers in tape decks. Fast drying. 2 fluid ounces. 44-1013 ..... 99¢

## Head Demagnetizer

Loads like an ordinary cassette, works fast. With indicator, battery. 44-1165 ..... 10.95



## "Pro" Cleaning Kit

**NEW!** Excellent for video equipment. Solvent, six chamomise swabs. 44-1115 ..... 4.99

## Flexible Swabs

Ultra-thin foam swabs have antistatic treatment. Just the thing for cleaning in tight spots. 44-1001 ..... Pkg. of 10/2.49

## Cleaning Cloths

Chemically treated for cleaning delicate equipment, plus tapes and component covers. 44-1088 ..... Pkg. of 4/1.99

## Demag/Cleaner Kit

For answers, too. Demagnetizing cassette, probe, mirror, solution. 44-1167 ..... 5.99



## Cleaning Kit

For audio and video decks. Includes solvent, six foam swabs. 44-1112 ..... 3.79

## Cleaning Swabs

Soft, lint-free foam makes them perfect for cleaning delicate audio and video equipment. 44-1094 ..... Pkg. of 10/2.29

## Cassette Tape Splicer

Precision cut/trim lever for perfect splices every time. Includes one roll of splicing tape. 44-214 ..... 6.99

## Liquid Deck Cleaner

Felt pads clean head, roller and capstan. With 1/2-oz. fluid. 44-1116 ..... 3.99



## "Pro" Cleaner Spray

For all tape equipment. Special zero-residue formula cuts dirt and oxide, improves performance. 6 oz. 44-1114, 3.99

## Cleaning Sticks

Handy cotton-tipped sticks are excellent for cleaning all those hard-to-reach parts. 44-1093 ..... Pkg. of 100/1.89

## Editing Block

Aluminum block works for all audio and video tapes. 90° and 45° blade guides, mtg. strip. 44-224 ..... 3.99

## Splicing Tape

Comes in 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	.89
3/8"	44-1126	.89
1/2"	44-1128	.89

## Leader Tape

Perfect for indexing your reel-to-reel tapes. Roll is 7/32" wide and 200" long. 44-1131 ..... 99¢

## Sensing Tape

Controls recorders, tape decks with contact-type or photoelectric sensors. 100" roll. 44-1155, 3.39

## Cassette Shell

Easy way to replace a damaged housing. With 24" of leader and instructions. 44-626 ..... 1.19

## Cassette Boxes

Handy hinged boxes store and protect your audio cassette tapes. 44-611, Pkg. of 3/1.39

## Index Labels

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

## Index Cards

Replace used-up cards. Keep track of the music or data on tapes. Fits standard cassette box. 44-623, Pkg. of 20/1.29

## Cassette Mailers

Excellent for audio "letters" and demo tapes. Comply with first-class postal regulations. 44-608 .. Pkg. of 3/99¢

## Budget Mailers

These heavy-duty cardboard boxes meet all first-class postal regulations. Include labels. 44-632 .. Pkg. of 6/89¢

## Foot Switch

Hands-free remote on/off control of recorders with remote-control jack. Ideal for typing from dictation. 44-610 ..... 3.69

## Phone Pickup

For recording personal calls. Attaches to receiver. (May be incompatible with some electronic phones.) 44-533 .. 2.89

## Car DC Adapter

Saves on batteries and works with most portables. Plugs into car lighter socket. Delivers 6 or 9 volts. 14-844, 6.99

# ORGANIZE AND PROTECT YOUR TAPES



## Personal Stereo Case

- With Carry Strap

STEREO-MATE® padded nylon case for AM/FM personal radios or cassettes. 44-689 ..... 7.95



## Universal Case

- With Convenient Carry Strap

Stores up to 10 audio or 8mm cassettes or your personal stereo. 44-681 ..... 9.95



## Shock Protected Soft Case

- Padded Interior

Protects and stores up to 15 boxed, 24 unboxed or 12 8mm cassettes. With carry strap. 44-635 ..... 8.95



## Padded Tape Case

- 30 Audio Or 24 8mm Cassettes

Use to store up to 48 unboxed cassettes. Rip-stop fabric. 44-686 ..... 14.95



## Universal Cassette Case

- 60 Audio or 48 8mm Tapes

Stores up to 60 boxed/96 unboxed audio tapes or 48 8mm video tape cassettes. 44-679 ..... 18.95



## Audio Cassette Tray

- Holds 15 Tapes

Tinted cover keeps out harmful dust, protects and organizes your tapes. 44-665 ..... 3.99



## Audio Cassette Module

- Interlock Design For Easy Stacking

Units interlock to stack horizontally or vertically. It's easy to add on more! Stores up to 10 boxed or 16 unboxed audio cassettes. 44-685 ..... Each 2.69



## VHS Cassette Rewinder And Fast-Forwarder

Frees VCR for use while you rewind or fast-forward another video tape. Has auto-stop to protect tapes. Requires 4 alkaline "C" batteries or AC adapter. 44-1140 ..... 29.95



## Deluxe VHS/Beta Tape Rewinder/Fast Forwarder

Rewind or fast-forward your video cassettes quickly and easily. Reduces wear on your VCR. Has auto-stop to protect tapes. UL listed AC adapter (or DC adapter, extra). 44-1141 ... 41.95



## Universal VCR Cover

Static-resistant vinyl keeps out dust that can damage your VCR. Display shows through transparent front. Fits most standard models of VCRs. Measures 5 x 18 x 13 1/4". 44-1182 ..... 7.49



## Deluxe VCR Cover

Quilted material provides excellent protection for your machine and allows heat and moisture to escape. Fits most standard models of VCRs. Measures 4 x 17 1/2 x 14". 44-1183 ..... 9.99



## Relabeling Kit

- Uniform Labeling

For VHS or Beta video cassettes. Kit includes 10 adhesive label sets. 44-1103 ..... 1.59



## Stackable VHS/Beta Video Cassette Storage Module

- Interlock to Expand
- Stacks Vertically Or Horizontally

Keeps your video tape recordings organized. It's easy to expand storage space as your library grows—just add on. Holds six. 44-1102 ... Each 4.99



## Deluxe VHS/Beta Video Cassette Library Albums

- Low-Cost Protection for Your Tape Library

Individual book-style storage cases organize and protect your valuable tape recordings. Each holds a VHS or Beta tape. 44-1105 ..... Pkg. of 3/2.99



## Video Tape Labeling Kit

Set of labels includes 20 cards and 10 adhesive-backed holders for neater identification. 44-1104 ..... 1.99



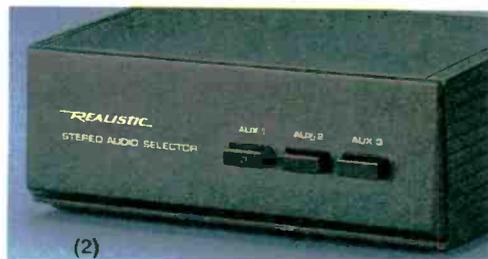
(1)

## 3-Input/Output Control Center

(1) Add versatility to your home recording studio. Monitor, record and dub with up to three separate cassette decks. Connects to tape monitor jacks for easy operation. Puts an end to the hassle of patch cord swapping. 2 1/4 x 6 1/4 x 3 1/2". 42-2115 ..... 25.95

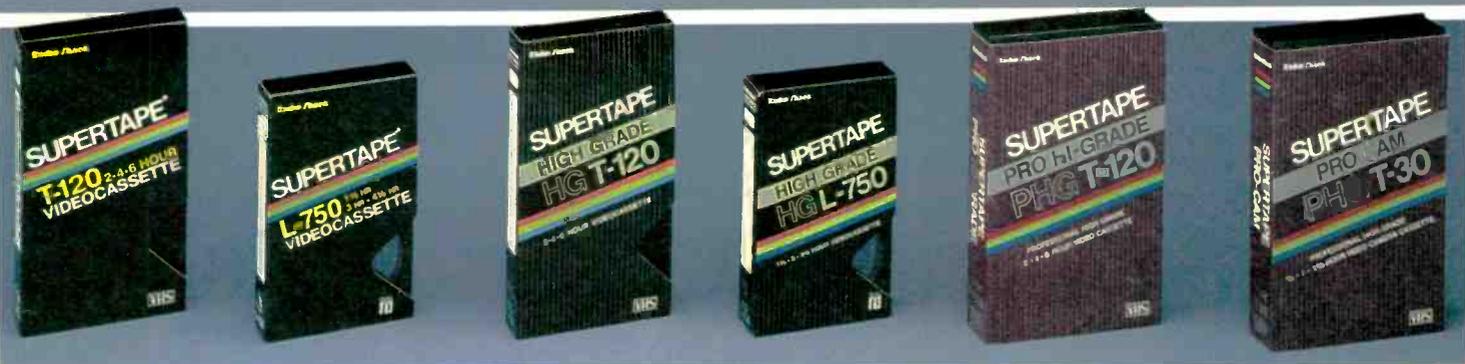
## Audio Source Control Center

(2) Great addition for your audio system—expands amplifier/receiver's single auxiliary input to play from three stereo sources. 2 1/4 x 6 1/4 x 3 1/2". 42-2110, 14.95



(2)

# QUALITY SUPERTAPE® VIDEO CASSETTES



## SUPERTAPE® The Standard of Excellence for High-Quality Video Recording and Playback

**VHS T-120 Cassette.** Delivers up to 6 hours of recording time when your VCR is set on LP mode. Provides excellent recorded color stability and a consistently clear picture. 44-400 **4<sup>99</sup>**

**Beta-750 Cassette.** Up to 4½ hours recording time on LP mode. Long-life particle formulation—preferred for timeshift recording. 44-475 **4<sup>99</sup>**

**VHS T-120 SUPERTAPE HG.** Up to six hours recording time on LP mode. Exceptional resolution and color reproduction even at slow speed plus superior audio quality. 44-410 **5<sup>99</sup>**  
**Beta L-750 SUPERTAPE HG.** Incomparable recordings, play after play. Up to 4½ hours recording time. Was \$6.99 in 1991 Catalog. 44-480 **NEW LOW PRICE! 5<sup>99</sup>**

**VHS T-120 Pro High-Grade Cassette.** The right choice for your master recordings. Provides six hours of recording time when VCR is set on LP mode. Premium fine-particle formulation delivers exceptional luminance and splendid chroma performance. Images are enhanced with rich colors and razor-sharp detail. Use in Hi-Fi VCR for extended frequency response. 44-411 **8<sup>99</sup>**

**VHS T-30 Pro High-Grade Camera Cassette.** Specially designed for the most demanding commercial and everyday applications. Premium fine-particle formulation gives you outstanding chroma and luminance, extended, crystal-clear audio response, richer colors and razor-sharp detail. Adjustable speed/recording length of ½-1-1½ hour. With storage box. 44-412 **6<sup>99</sup>**



### 8mm Video Recording Tape

**MP-120.** Metal particle formulation delivers outstanding images. Provides up to 4 hours recording time in LP mode. Was \$9.99 in 1991 Catalog. 44-451 **NEW LOW PRICE! 8<sup>99</sup>**  
**HG-120.** The best performer! 25% improvement in audio and image clarity over standard cassettes. Up to 4 hours. Was \$11.99 in 1991 Catalog. 44-452 **NEW LOW PRICE! 9<sup>99</sup>**



### VHS-C Camcorder Cassettes

**VHS-C TC-20 SHG.** Super High Grade tape with exclusive formulation delivers brilliant, true-to-life colors—even after multiple recordings and playbacks. Precision housing. 44-430 **5<sup>99</sup>**  
**VHS-C TC-20 MHG.** Master High Grade cassette delivers superior results at regular and slow speed recording. Formulated for dramatic color, fine detail and improved sound. 44-431 **6<sup>99</sup>**



### Automatic VCR Cleaning Systems

- Our Best Cleaners
- For VHS and Beta

Wet nonabrasive system thoroughly cleans heads, capstans, pinch rollers and guides. With cleaning fluid. **EACH 12<sup>95</sup>**  
**VHS. 44-1148**  
**Beta. 44-1149**



### Wet/Dry VCR Cleaner

Improve the quality of your VCR's recording and playback functions. Wet tape dissolves harmful deposits, then dry tape carries them away. 44-1143 **9<sup>99</sup>**

- Our Better System For VHS Equipment
- Cleans Wet, Cleans Dry



### VCR Dry Cleaning System

Removes harmful deposits that build up on your VCR heads. Simple to use—just insert into machine like a tape and it cleans as it plays. 44-1146 **6<sup>95</sup>**

- Our Economical Cleaner for VHS Equipment
- Loads Like a Tape to Clean



### 8mm VCR Cleaner

- Restores A/V Quality

Improves VCR recording and playback quality with each application. Includes fluid. Non-abrasive system. 44-1144 **10<sup>95</sup>**



### VCR Cleaning System

- Complete Care Set

For all types of VCRs. Includes brush, mirror probe, glove and a bottle of our non-abrasive cleaning fluid. 44-1157 **9<sup>95</sup>**



### Bulk Tape Eraser

- For Video and Audio Tape

It works fast, erases cassettes completely! Also excellent for metal audio tape. UL listed AC. 44-233 **31<sup>95</sup>**

# STEP UP TO MEMOREX™ SATELLITE TV

More Than 200 Channels  
Of Entertainment!  
Something for Everyone!



The Ultimate in Home Entertainment and Information!



- The Best Combination of Features, Performance and Price
- Automatic Dish Positioner ■ Wireless IR Remote
- Backed by Our 7000 Locations and 71 Years as America's Technology Store<sup>SM</sup>—We'll Always Be Here If You Need Us

## Descrambler & Programming Package! Special Offer for Memorex Owners

Choosing and ordering the programming you want couldn't be easier! Here's a special offer from Satellite Source—a major supplier of satellite programming—exclusively for Memorex satellite receiver owners. You get the VideoCipher® II Plus descrambler module you need for receiving subscription services, plus a full year of great programming for one low price. Your package includes channels like CNN, A&E, Discovery, USA, Lifetime, The Nashville Network and regional superstations. And, you can opt for dozens more like ESPN, MTV, Family Channel, Nickelodeon and Satellite Sports Network, plus premium channels like HBO, Showtime, The Movie Channel, Cinemax and the Disney Channel. You'll save big compared with the rising cost of cable, and get movies and videos in *stunning digital stereo* that cable doesn't provide! Call **TOLL-FREE** for details: 800-477-1234

VideoCipher® II Plus is a registered trademark of General Instrument Corp.



Easy-to-Level Base



Advanced 45° LNB



Burlable Cable



Precise Gear Drive



Efficient Feedhorn



Weather Housing

## Big 9-Foot Dish Offers All This!

- Horizon-to-Horizon Motorized Mount
- 12-Petal Perforated Aluminum Design
- Ku-Band Compatible ■ Extra-Sturdy Mast

**NEW!** Home Satellite System. *Satellite gives you more!* More entertainment for every member of the family. More sports for Dad, more movies for Mom, more programming for children and more up-to-the-minute news, weather and informational programming than cable. You decide what to watch, and when it's convenient for you. Unlike many systems, this one is really easy to use—just pick the name of the channel you want from the on-screen display, and the receiver does the rest. If you won't be home when your favorite program is on, just tell the Memorex receiver what time and channel the program is on, set your VCR's timer to record and, when you return, the show is ready to enjoy whenever you have the time. With the parental-lock feature, you can black out channels you don't want the kids to watch—just enter your private lock code. Designed for a do-it-yourselfer to install, or professional installation is available at competitive prices. Best of all, you're buying from Radio Shack! Satellite dealers come and go, but 7000 stores and 71 years of experience ensure we'll be here for you!

Complete C-Band System ..... Low As \$61 Per Month

**\$1995**

Memorex SR 2014 C/Ku Band Satellite Receiver. TSP available. 16-2511 ..... 799.95  
9-Foot Perforated Sectional Antenna With Motorized Mount. 16-2508 ..... 1299.95  
Advanced 45° LNB. 950-1450 MHz output. 16-2512 . . . . 179.95 Feedhorn. 16-2510 . . . . 99.95

Available on special order through our Consumer Mail Center: Ku-Band LNB, Dual C/Ku-Band Feedhorn Dual H/V Feedhorn, 50 and 100-ft. Cable Extensions. Items can be picked up at your nearby store.



## 20 dB Inline Coax Signal Amplifier

- Cuts Loss From Splitters and Long Cable Runs
- With VHF Pass-Through

Superb signal amp from our Satellite Shack<sup>SM</sup>—boosts signals in 430-1450 MHz range. Installs inline or near antenna. With power injector, DC block module. 75 ohms. UL listed AC. 15-1115 **2995**



## Satellite Security Alarm

- Protect Your Satellite Investment
- Backup Battery in Case AC Fails

Loud built-in buzzer gives immediate warning if cable to your dish antenna is cut or disconnected. Use alone or with a home security panel. Connects indoors at receiver. UL listed AC. Backup requires 9V battery. 49-441 **2995**

# COMPLETE & CONTROL YOUR A/V SYSTEM



## 5-Input, 2-Output Selector

Directs RF signals from up to five different inputs to a TV for viewing, plus a VCR for recording or a second TV. Inputs for TV antenna, cable TV and VCR, plus two aux inputs. Pushbutton controls. 2 $\frac{1}{4}$  x 7 x 6". 15-1266 **39<sup>95</sup>**



## Archer Dolby Surround™ Decoder/Amplifier

Decodes the exciting surround sound channel on stereo video tapes, laser discs and many stereo-TV broadcasts, when connected to equipment with line-level stereo outputs. You can use the built-in 20-watt amp to power your front *and* rear speakers, or to power only your rear surround-channel speakers while using your existing stereo system to power the front speakers. Also synthesizes surround sound and stereo from mono sources, so you can enjoy the "theater" effect from almost any source. 3 x 9 $\frac{3}{4}$  x 9 $\frac{3}{4}$ ". 129<sup>95</sup>  
UL listed AC. (TSP available) 15-1279 . . . . . Low As \$15 Per Month



## Camcorder/VCR Dubbing Processor

Connects VCR to VCR for superior dubbing, or camcorder to TV for improved viewing. Separate audio gain and video enhancement controls ensure copies sound and look good. 1 $\frac{3}{4}$  x 5 $\frac{5}{8}$  x 3 $\frac{3}{4}$ ". UL listed AC adapter. 15-1955 **24<sup>95</sup>**



## Archer® 4-in-1 Super Video Processor

Four-in-one processor helps you make the most of dubbing and editing. Variable enhancer preserves detail normally lost in dubbing, and noise reducer cuts picture graininess. Synthesizer creates stereo effect from mono sources. Comparator wipe lets you see before/after enhancements on split screen. Fader for synchronized audio/video fade-ins/outs. Color saturation, brightness and A/V source controls. 2 $\frac{1}{4}$  x 11 $\frac{3}{4}$  x 6 $\frac{3}{4}$ ". UL listed AC. (TSP avail.) 15-1276 . . Low As \$15 Per Month **129<sup>95</sup>**



## Audio/Video Control Center

Switches TV or VCR between camcorder, laser disc, satellite receiver or second VCR. Handles baseband (separate A and V) signals. Stereo compatible. Four inputs, one output. RCA connectors. 1 $\frac{3}{4}$  x 5 $\frac{1}{2}$  x 3 $\frac{3}{4}$ ". 15-1956 **24<sup>95</sup>**



## Amplified 5-Input, 3-Output Video Selector

Ends cable swapping and simplifies video dubbing—lets you connect up to five video sources for viewing or recording with any combination of three TVs/VCRs. Just push a button to select source and output. Inputs for antenna, cable, VCR and two aux sources. Three TV/VCR outputs. Signal is amplified 12 dB at antenna/cable-TV inputs for a superb picture. High isolation helps prevent interference between inputs. 75-ohm connectors. 2 $\frac{1}{4}$  x 10 $\frac{3}{4}$  x 6 $\frac{1}{2}$ ". UL listed AC. (TSP available) 15-2100 **79<sup>95</sup>**

# AMERICA'S FAVORITE TV/FM ANTENNAS

## ARCHER® HIGH-DEFINITION/STEREO-CERTIFIED COLOR SUPREME Plus™

THREE ANTENNAS IN ONE! VHF ■ UHF ■ FM

**Built Better  
To Last Longer**



High Tensile-Strength  
Aluminum for Long Life



UHF Yagi and Corner  
Reflector Combination



Strong Square Boom  
With "No-Tilt" Clamp



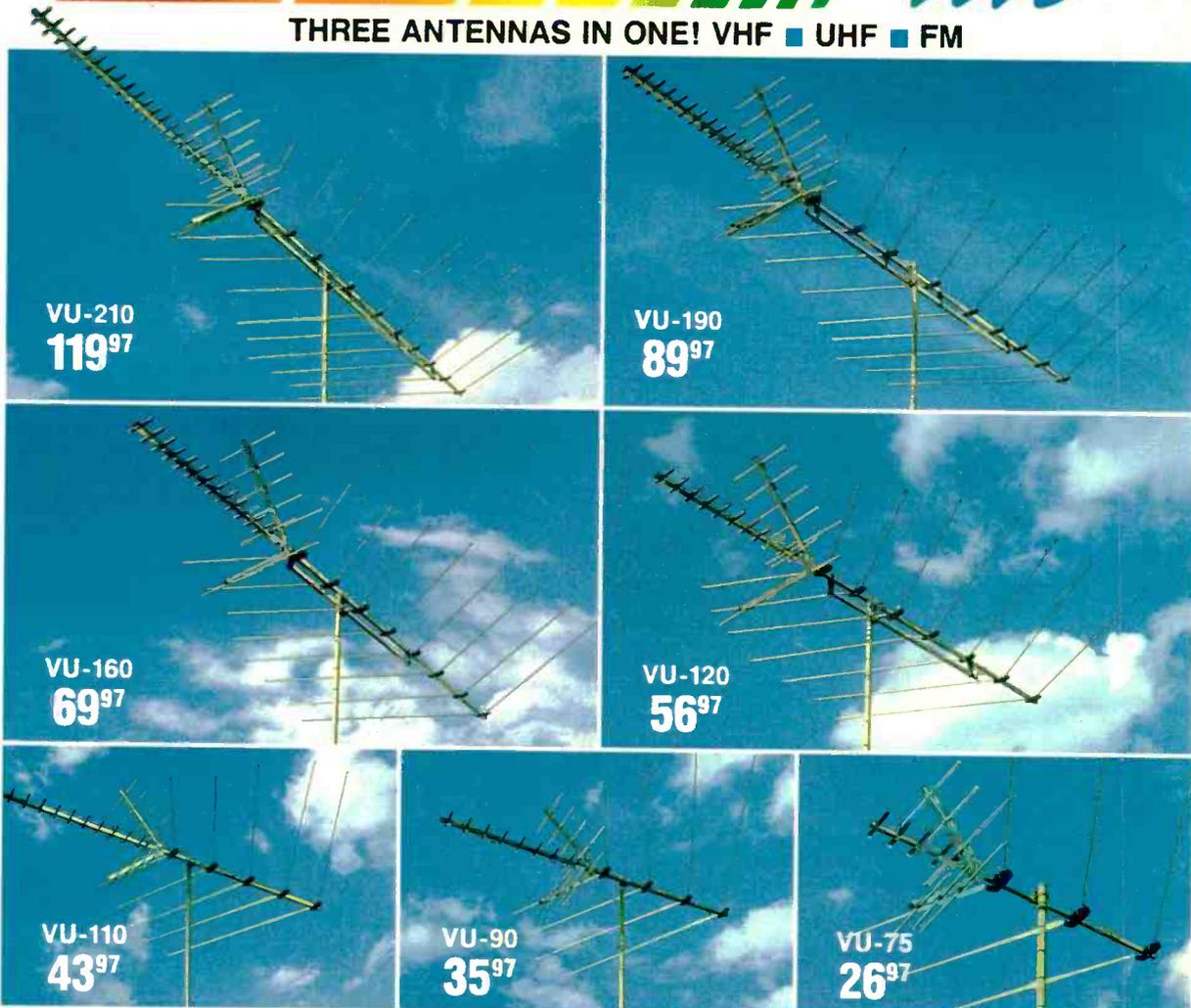
Snap-Open Elements  
For Easy Installation



Air-Insulated  
Multiple-Drive System



Heavy-Duty, Hi-Impact  
Molded Insulators



VU-210  
119<sup>97</sup>

VU-190  
89<sup>97</sup>

VU-160  
69<sup>97</sup>

VU-120  
56<sup>97</sup>

VU-110  
43<sup>97</sup>

VU-90  
35<sup>97</sup>

VU-75  
26<sup>97</sup>

- Why Put Up With Poor Reception—Bring Your TV Back to Life
- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer
- Gold-Alodized Finish Fights Corrosion and Weathering ■ Preassembled

Our Color Supreme Plus series is the best selling TV and FM antenna line in the USA. Our exclusive High-Definition/Stereo-Certified design visibly improves reception—makes colors "come alive" and sharpens black-and-white. High-Definition means you get performance that matches the improved picture resolution of the newer TVs now available. Stereo-Certified means you get the best possible sound from the hundreds of TV stations now broadcasting in stereo. You'll also get superior FM stereo. Built to withstand strong winds and heavy icing. Factory preassembled for easy installation—just snap open the elements and they lock into place. Get your new antenna today!

**There's a Color Supreme Plus Just Right  
For Your TV and FM Reception Area**

Archer Model	Range in Miles*			Boom Length	No. of Elements	Cat. No.
	VHF	UHF	FM			
VU-210	210	135	120	190"	56	15-1647
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

\*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT AND OPEN TERRAIN / MASTS NOT INCLUDED

# ARCHER DELIVERS A BETTER PICTURE



## Turn to the Best Picture & Sound

- Aim Your Antenna by Remote Control To Get the Best TV/FM Reception

**Archerrotor® System.** Rotator precisely aims your antenna for the clearest signal from every station in range. Cuts ghosts, interference. Indicator on remote shows antenna direction. Fits 1 1/4 to 1 3/4" dia. masts. UL listed AC. Requires 3-conductor cable **59<sup>95</sup>** below. (TSP available) **15-1225**

### Rotator Cable

No. Cond.	Feet	Cat. No.	Per Roll
3	50	15-1149	<b>5.49</b>
3	100	15-1150	<b>8.95</b>
5	100	15-1201	<b>13.39</b>

Note: 5-conductor cable for older model rotators.



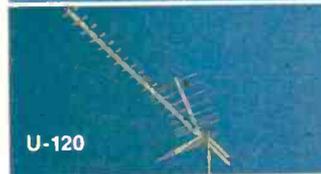
V-185



U-100



U-75



U-120

## Custom-Crafted VHF-TV/FM and UHF-TV Antennas Deliver Outstanding Reception

- Specially Tuned for Precise Band Coverage
- Preamsembled for Easy Do-It-Yourself Installation

**V-185 Swept Wing—Up to 185 Miles\* VHF, 110 Miles\* FM.** Provides outstanding reception of channels 2 through 13 and FM stereo. Reinforced 160" cradle-boom, 34 elements. **15-1654** **59<sup>95</sup>**

**U-120 Corner Reflector Yagi—Up to 120 Miles\* UHF.** Delivers great pictures on previously hard-to-get channels 14-83. Heavy-duty 100" square boom resists high winds, 33 elements. **15-1662** **34<sup>95</sup>**

**U-100 Corner Reflector Yagi—Up to 100 Miles\* UHF.** Swept-wing design reflector concentrates signal to improve the long-range reception of channels 14-83. Has 25 elements, 80" square boom. **15-1661** **23<sup>95</sup>**

**U-75 Corner Reflector—Up to 75 Miles\* UHF.** Narrow pick-up pattern helps "tune-out" interference—ideal for urban and suburban reception of channels 14-83. Has 16 elements and 60" boom. **15-1660** **16<sup>95</sup>**

## Convenient Window-Mount Antenna

- For VHF/UHF-TV Channels 2-83 and FM Stereo

**NEW!** Mounts to the window frame—perfect for apartments, condos and anyplace where a roof-mount antenna is not convenient or recommended. Factory preassembled, designed for easy installation and removal. **15-1656** **44<sup>95</sup>**

## Compact Indoor/Outdoor TV Antenna

**NEW!** Highly efficient design delivers outstanding reception—boom is only 71" to fit attic or anywhere space is limited. For VHF/UHF/FM. **15-1655** **34<sup>95</sup>**



## Compact Amplified TV/FM Antenna

- Pulls in Stations Up to 90 Miles\* Away

Built-in preamp helps clean up weak signals and interference by boosting UHF gain up to 25 dB and VHF to 20 dB. Small enough for closet, attic or RV. With mounting hardware, instructions. UL listed AC adapter (or DC adapter, extra). **15-1611** **54<sup>95</sup>**  
DC Adapter. **270-1534** ..... **5.79**



## Our Best Mobile VHF/UHF Antenna

Sleek and aerodynamic, it's the ultimate mobile TV antenna. Mounts magnetically or permanently on roof or rear deck. Can be painted to match vehicle. With 14-ft. coax cable and 300-ohm matching transformer. **15-1608** **49<sup>95</sup>**



## FM and FM Stereo Antennas

(1) **Omnidirectional Outdoor—Up to 50 Miles\*.** For city or suburbs. Pulls in stations from all directions—360° pickup pattern. **15-1639** **12<sup>95</sup>**

(2) **Triple-Drive Directional—Up to 110 Miles\*.** High gain picks up distant stations clearly. Preamsembled for easy installation. **15-1636** **16<sup>95</sup>**



## Portable Antenna

**NEW!** Built-in amplifier boosts TV and FM signals—perfect for pocket LCD TVs, portables. UL listed AC adapter. Amplifier requires 2 "AA" batteries for portable use. **15-1607** **24<sup>95</sup>**

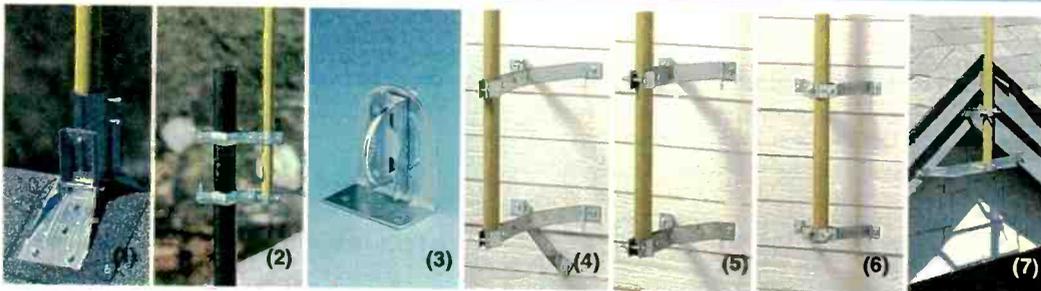
## Mobile VHF/UHF Antenna

- Window/Gutter Mounting

Enjoy your favorite TV shows while traveling. Heavy-duty fiber glass dipoles outperform built-in antennas. For channels 2-83. Install/remove in seconds. With mounting hardware. **15-1609** **29<sup>95</sup>**



# WE MAKE ANTENNA INSTALLATION EASY!

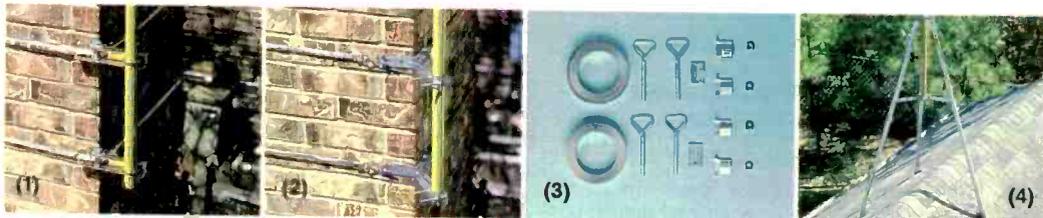


## Quality Antenna Hardware—Big Selection at Low Prices

### Mast Mounts for Roof, Eave, Vent Pipe and Wall

- (1) **Base and Roof Mount.** Mast locks into exclusive-design U-bolt. Swivel base will accommodate the slope of virtually any roof. Heavy-gauge steel construction assures a trouble-free installation. With instructions. 15-889 ..... **6.69**
- (2) **Vent Pipe Mount.** An excellent alternative to chimney mounting. Attach brackets to vent pipe, then clamp mast into place. Attaches to 2" to 5" vents. Heavy-duty steel construction. With instructions. 15-893 ..... **5.95**
- (3) **Mast Anchor Universal Mount.** The low-cost solution for many antenna installations. Heavy-duty U-bolt accepts mast up to 1 1/2" in diameter. (Mast must be guyed for roof and window installations.) 15-888 ..... **2.79**

- (4) **12" Wall Mounts.** Secures a mast of up to 1 3/4" diameter at 12" from the side of building. Allows mast to clear eave or other obstruction. Galvanized steel. 15-885 ..... **Pair 11.99**
- (5) **8" Wall Mounts.** Holds mast of up to 1 3/4" diameter at 8" from side of building. 15-886 ..... **Pair 9.95**
- (6) **4" Wall Mounts.** Holds mast of up to 1 3/4" diameter at 4" from side of building. 15-883 ..... **Pair 4.49**
- (7) **Eave Mount for Hanging Rafters or Trim Boards.** Ingenious alternative to roof and chimney mounting. Fits virtually all medium-pitch roofs. Accepts mast up to 1 1/2" diameter. Installs with four included lag bolts. 15-891 ..... **9.95**



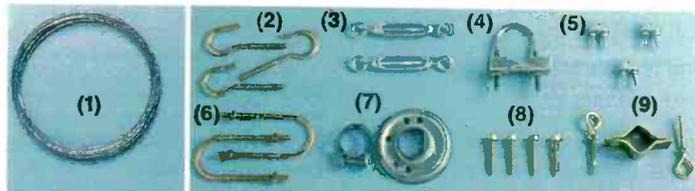
## Everything in Mast Mounts for Chimney and Roof

- (1) **Chimney Ratchet Mount.** Provides a secure mounting to chimney. Tightens with screwdriver. Set includes two stainless steel straps, each 3/4" x 18 feet. Fits larger chimneys. Accepts antenna mast from 1" to 1 3/4" diameter. 15-839 ..... **17.95**

- (2) **Corner Mounts.** For chimney mounting. Two Y-mounts with 5/8" x 10-foot, rust-resistant galvanized straps. 15-527 .. **10.95**

- (3) **Strap Kit.** Two 25-foot stainless straps for replacement or add-on use. Fits oversized chimneys. 15-801 ..... **12.95**

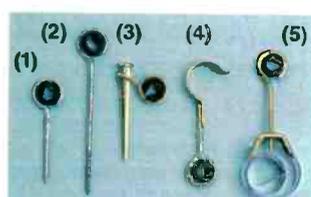
- (4) **3-Foot Tripod Mount.** Super-sturdy mount is ideal for larger antennas and in areas subject to frequent strong winds. Fits slope of most roofs. Accepts mast up to 1 3/4" diameter. Preassembled for easy installation. 15-516 ..... **15.95**



## Antenna Guy Wire and Hardware

Fig.	Description	Cat. No.	Each
1	50-Foot Galvanized Wire	15-030	<b>1.69</b>
1	100-Foot Galvanized Wire	15-031	<b>2.79</b>
2	3 Guy Wire Anchors	15-825	<b>1.19</b>
3	2 Guy Wire Turnbuckles: 6" open, 4" closed	15-829	<b>1.69</b>
4	U-Bolt and Clamp	15-826	<b>1.19</b>
5	3 Guy Wire Clamps	15-850	<b>1.29</b>

Fig.	Description	Cat. No.	Each
6	2 U-Bolts With Nuts	15-830	<b>1.19</b>
7	1 1/4" Guy Ring and Collar	15-835	<b>1.49</b>
8	Set of 4 Hex Lag Bolts: 1/4" x 2 1/2" for Heavy-Duty Mounting	15-833	<b>.99</b>
9	Guy Wire Mast Clamp With Bolts	15-827	<b>1.19</b>

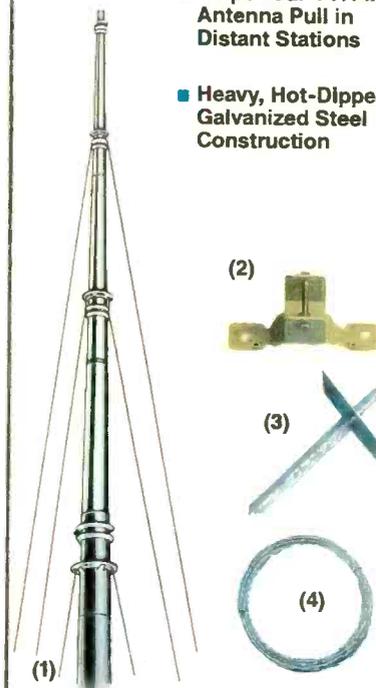


## Standoff Insulators

Fig.	Description	Cat. No.	Each
1	4 Wood Screw, 3 1/2"	15-853	<b>.99</b>
2	4 Wood Screw, 6 1/2"	15-854	<b>1.19</b>
3	2 Masonry Type	15-820	<b>1.19</b>
4	2 Snap-Grip Type	15-822	<b>.99</b>
5	2 Strap-On Type	15-823	<b>.99</b>

## Telescoping Antenna Masts

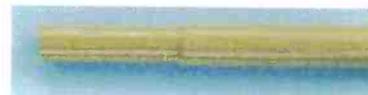
- Helps Your TV/FM Antenna Pull in Distant Stations
- Heavy, Hot-Dipped Galvanized Steel Construction



- (1) Raises your antenna for stronger TV and FM reception. Sturdy sections interlock—will not pull out, twist or shake. Resists corrosion. Clamp and guy ring provide firm support.
- 19-Foot Mast.** One 16-gauge and one 18-gauge section. 15-5065 ..... **33.95**
- 36-Foot Mast.** One 16-gauge and three 18-gauge sections. 15-5067 ..... **54.95**

## Base and Mount

- (2) **Roof Base.** Holding bolt slips through hole in universal mast base. 15-5068, **6.99**
- (3) **Ground Mount.** "Tap-in" type for up to 36-foot masts. 15-5069 ..... **9.95**
- (4) **Guy Wire.** Six-strand, 18-gauge. 100 feet. Galvanized steel. 15-5070 ..... **7.29**



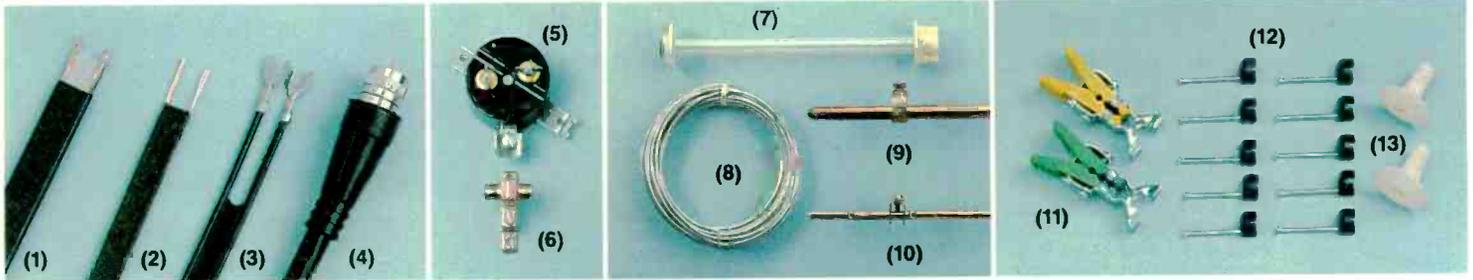
## Heavy-Duty Masts

- 5-Foot.** 16-gauge steel, enamel finish. Swaged (tapered) end. 1 1/4" dia. 15-842 ..... **5.29**
- 10-Foot Heavy-Duty Mast.** 15-843 .. **10.49**

## Light-Duty Mast

- 5-Foot.** 20-gauge steel. Enamel finish. For attic or smaller antennas. 15-844 ..... **4.69**

# CHOOSE ARCHER FOR A BETTER PICTURE

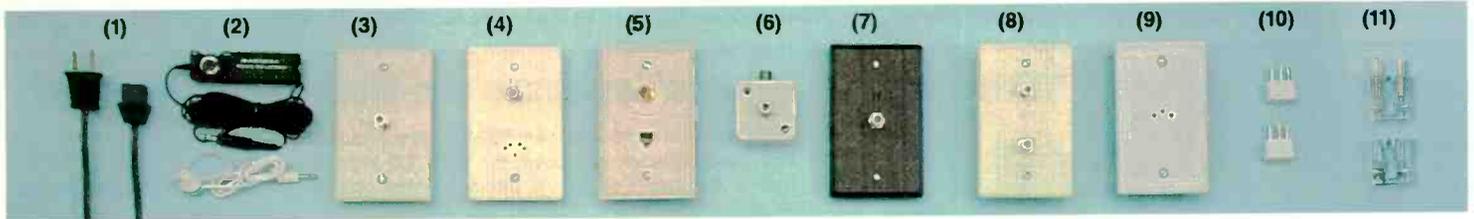


## Lead-In Cable, Grounding Equipment and Hardware for Your Antenna Installation

(1) VHF/UHF 300-Ohm Foam Cable. Our best! Low loss, excellent for all reception areas. Has 20-gauge copper conductors and a dense polyethylene jacket. 50 Feet. 15-1174 .. 5.29 100 Feet. 15-1175 .. 9.49  
 (2) Economy VHF/UHF 300-Ohm Cable. Indoor use. 40 Feet. Brown. 15-004 ..... 2.29  
 40 Feet. Clear. 15-1158 ..... 2.29  
 50 Feet Standard 300-Ohm Twln-Lead. Seven-strand, 22-gauge conductors. Indoor/attic use. 15-1153, 3.59  
 (3) 8-Foot Twln-Lead Cable. 15-1532 ..... 2.29  
 (4) Shielded 75-Ohm VHF/UHF Foam Coax Assemblies. Top-quality cable helps prevent interference and is ready to install. Has prepared F connector at each end. 50 Feet. 15-1526 .. 9.29 100 Feet. 15-1527 .. 15.49

(5) Antenna Discharge Unit. For outdoor antennas using 300-ohm lead-in. UL listed. 15-910 ..... 3.49  
 (6) Grounding Block. Prevents equipment-damaging static buildup in 75-ohm lead-ins. 15-909 ..... 2.59  
 (7) "Wall-Thru" Lead-In Tube. Grommet seals out weather. For walls up to 13" thick. 15-1200 .... 2.79  
 (8) Aluminum Ground Wire. Protects against static buildup in rooftop antennas. 40 feet. 8 gauge. Use with ground rod (Fig. 9). 15-035 ..... 3.59  
 (9) UL Listed 8-Foot Ground Rod and Clamp. Copper plated for high conductivity. Meets all applicable electrical codes. 15-529 ..... 15.95  
 (10) Economy Ground Rod. 4 feet long. 15-530, 3.89

(11) TV/FM Antenna Clips. For instant, solderless connection and disconnection of 300-ohm lead-in cable at back of set. Excellent for temporary connections or service work. Insulating plastic handles. Screw terminal connectors. 15-832 ..... Set of 2/1.49  
 (12) Coax Nail-In Clips. For a neat, professional installation. Weather-resistant clips secure 75-ohm coax cable. Ideal for fastening coax cables along outside trim or interior baseboards. 20-192 ..... Set of 10/99¢  
 (13) Coax Feed-Through Bushing. For a neat installation of coax cable through walls.  
 For RG59 Cable. 278-1643 ..... Pkg. of 2/49¢  
 For RG6 Cable 278-1644 ..... Pkg. of 2/49¢

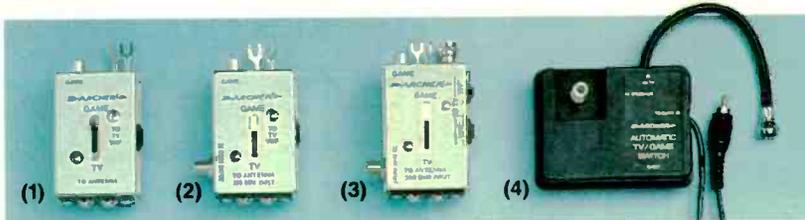


## Archer® Replacement AC Power Cords, TV/FM Wall Plates, Plugs and Connectors

(1) TV AC Power Cord. Six feet long. 15-011 .... 1.39  
 Polarized AC Power Cord. 15-012 ..... 1.39  
 (2) Private TV Listener. Fits 1/8" jack. With earphone, remote volume control, 15-ft. cord. 15-587 ..... 4.29  
 (3) Wall Plate for 75-Ohm Coax. 15-1180 ..... 4.29  
 (4) Wall Plate for 75-Ohm Coax and Rotator. 5-wire rotator outlet. Includes plugs. 15-1181 ..... 4.99

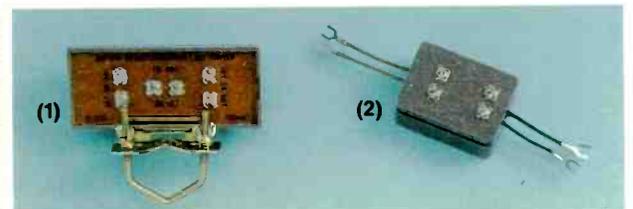
(5) Wall Plate for 75-Ohm Coax and Phone. Has standard modular phone jack and a gold-plated 75-ohm coax connector. 15-1185 ..... 5.95  
 (6) Baseboard-Mount 75-Ohm Coax Connector. With installation hardware. 15-1182 ..... 3.29  
 (7) Woodgrain 75-Ohm Wall Plate. 15-1183 .. 4.49  
 (8) 75-Ohm Dual-Outlet Wall Plate. 15-1184, 4.69

(9) Flush-Mount TV Wall Plate. For one 300-ohm lead-in. With mounting bracket and plugs. 15-1186, 2.39  
 (10) TV/Wall-Socket Plugs. For 300-ohm lead-in plate. Fit Fig. 9. 15-1178 ..... Pkg. of 2/1.39  
 (11) Plug and Socket. For 300-ohm lead-in connections. Ideal for splicing and extending a 300-ohm cable indoors. 15-1198 ..... 1.39



## Archer Selector Switches for TV Video Games

(1) 300-Ohm TV Switch. Lets you use a video game with your TV without reconnecting each time. Accepts 300-ohm TV antenna lead-in. Has 300-ohm TV output. 15-1255 ..... 4.29  
 (2) 300/75-Ohm Antenna Input Switch. Switch easily between TV antenna and video game. Has 300-ohm TV output. Accepts 75-ohm or 300-ohm antenna lead-in. 15-1269 ..... 4.29  
 (3) 300/75-Ohm Signal Splitter/Switch. Built-in signal splitter. Provides 300-ohm output for UHF, 75-ohm output for VHF. 15-1268 ..... 6.29  
 (4) Automatic TV/Game Switch. With 75-ohm TV antenna input, 75-ohm TV output. Ideal for use with Nintendo™ TV game (TM Nintendo of America Inc.) 15-1267 ..... 8.99



## Archer 300-Ohm Splitters and Couplers

(1) Two-Set Indoor/Outdoor Splitter/Coupler. Splits 300-ohm lead-in to drive two TVs or couples two antennas to one 300-ohm lead-in. 15-1135 ..... 3.99  
 Four-Set 300-Ohm In/Outdoor Splitter/Coupler. 15-1136 ..... 4.99  
 Two-Set VHF/UHF Combiner/Splitter. 300 ohms. 15-1137 ..... 3.99  
 (2) Indoor Splitter. Provides 300-ohm VHF, UHF and FM outputs from one 300-ohm lead-in. 15-1138 ..... 3.99

# TV, VCR AND FM PROBLEM-SOLVERS

## Distribution Amplifier

- Drives Up to Four Sets
- Delivers Typical Gain of 14 dB VHF, 13 dB UHF

Cuts VHF/UHF/FM signal loss caused by sharing signal among several TV sets or by long antenna cable runs. Switchable trap cuts FM interference. 75-ohm input/output. Adjustable from 10 to 20 dB gain. **31<sup>95</sup>**  
UL listed AC. 15-1107

## TV/FM Hi-Gain Signal Amp

- Delivers Typical Gain of 25 dB VHF, 20 dB UHF

Outdoor amp mounts on mast near antenna for purest, strongest signal. Remotely controlled FM trap cuts interference. Gain adjustable over 10 to 20 dB range. 75-ohm output and F-connectors. UL listed AC. 15-1108 **35<sup>95</sup>**



## Cable TV Amplifier

- 70 Channels ■ Drives Up to Four Sets

Perfect for strengthening signal on installations with long cable runs. Adjustable 10-20 dB gain. Can be used with hybrid splitters (see #15-1142 below) to drive up to four TVs or VCRs. UL listed AC. 15-1112 **24.95**

## TV/FM Filters, Attenuator and Coaxial FM Trap

- (1) VCR/TV/FM. Cuts CB/Ham interference. Hi-pass LC (inductive capacitive) filter installs at 75-ohm coaxial input of VCR, TV or FM. 54-900 MHz. **15-579, 4.29**
- (2) Coaxial Inline FM Trap. For 75-ohm line. Cuts interference from strong FM radio stations on TV or VCR to reduce "herringbone" pattern. **15-577 . . 3.69**
- (3) 75-Ohm Attenuator. Reduces strong signal overload on TV or VCR. Connects inline to coaxial cable. Adjustable for best possible picture. **15-578, 6.39**
- (4) TV Static/Noise Filter. Reduces or eliminates appliance, motor or neon light interference. Attaches to 300-ohm terminals. **15-582 . . . . . 1.99**

## Splitters/Combiners and Matching Transformers

- (1) VCR/TV Splitter/Combiner. 300/75-ohm inputs, 75-ohm output. **15-1294 . . 3.79**
- (2) 300-Ohm Splitter. As above, but only 300-ohm inputs. **15-1295 . . . . . 3.79**
- (3) Hybrid Splitter/Combiner. Splits 75-ohm coax cable to two VHF/UHF outputs. F-connectors. Reversible. **15-1141 . . . . . 3.95**
- (4) Four-Set Splitter. As above, but with four outputs. **15-1142 . . . . . 6.95**
- (5) Transformer/Splitter. 75-ohm input for coax from antenna or VCR. Three 300-ohm outputs to VHF, UHF, FM. Indoor use only. **15-1139 . . . . . 4.99**
- (6) Matching Transformer. 75-ohm to 300-ohm. **15-1253 . . . . . 2.99**
- (7) Indoor/Outdoor Matching Transformer. Matches 300-ohm antenna to 75-ohm coax downlead. Reverse for back-of-set use. Weather-resistant boot. **15-1140 . . . . . 2.79**
- (8) Antenna-Mounted Matching Transformer. As above, with special clip for attaching to antenna boom. With weather-resistant boot. **15-1143 . . . . . 3.99**

## Plug-In AC Line Filter



- Cuts Interference From Appliances

Cuts snow produced by vacuums, microwaves, can openers and other appliances to give you a clearer picture. Has a 3-prong AC plug, 3-prong outlet. UL listed AC. 15-1111 **11.95**

## Video/Computer RF Modulator

- Use a TV as a Monitor

Converts line-level signal to VHF—makes your TV a monitor. 1000-ohm and 75-ohm input jacks, 75-ohm output. FCC registered. UL listed AC. **15-1273 . . . . . 27.95**

## Coax Cable, Connectors and Adapters

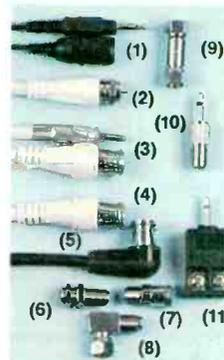
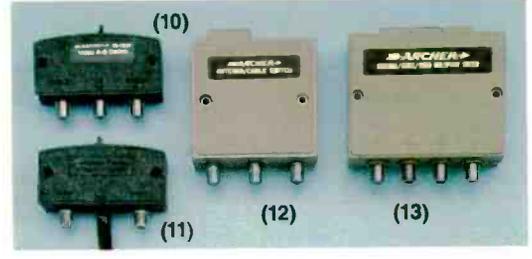
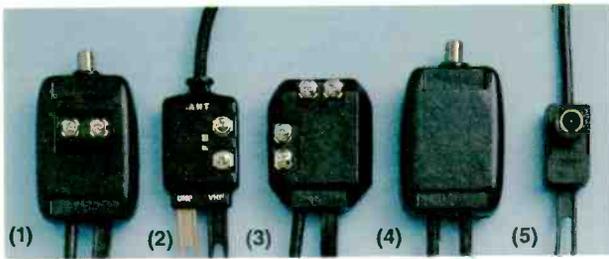


Fig.	Description	Connectors	Cat. No.	Each
1	Mini-TV Antenna Cable, 6 Ft.	1/8" Plug/Male F	15-1511	4.95
2	75-Ohm Coax, 16 Ft., White	Male F Screw Type	15-1531	4.89
2	75-Ohm Coax, 25 Ft., White	Male F Screw Type	15-1534	6.19
3	75-Ohm Coax, 8 Ft.	Male F/Motorola	15-1528	3.59
4	75-Ohm Coax, 8 Ft.	Male F Push-On	15-1530	3.59
4	75-Ohm Coax, 4 Ft.	Male F Push-On	15-1529	2.79
5	75-Ohm Coax, 6 Ft.	Male F Push-On	15-1536	2.99
6	F-81 Coupler	Female F/Female F	278-213	.99
7	Push-On Adapter	Female F/Male F	278-218	1.49
8	Right Angle Coupler	Female F/Male F	278-221	1.29
9	Coupler	Male F/Male F	278-219	1.29
10	Adapter	Female F/Miniplug	278-257	1.99
11	75/300 Ohm Adapter	1/8" Miniplug	15-1148	1.49

# SEE US FOR THE BEST VCR/TV HOOKUPS



## Splitters, Attenuators, Switches, Resistor and DC Block

- (1) VCR/TV Signal Splitter. One 75-ohm input. One 75-ohm output for VHF. 300-ohm outputs for UHF and FM. 15-1252 ..... **4.99**  
 (2) VCR/TV Signal Splitter With 6-Foot Cable. 75-ohm input, 300-ohm outputs for UHF, VHF and FM. F-connector. 15-1524 ..... **6.19**  
 (3) VCR/TV Signal Splitter. 300-ohm input. One 75-ohm output for VHF, plus 300-ohm outputs for UHF and FM. 15-1251 ..... **4.99**  
 (4) VCR/TV Signal Splitter. 75-ohm input. 75-ohm VHF and FM outputs. 15-1293 ..... **4.99**  
 (5) VCR/TV Signal Splitter With 6-Foot Cable. One 75-ohm input. Outputs for 300 ohms and 75 ohms. F-type connectors. 15-1522 ..... **4.99**

- (6) Terminating Resistor. F-type, 1-2 watt, 75 ohms. Terminates unused outputs of splitters, coax wall plates and distribution amps to prevent interference and ghosts. 15-1144 ..... **Pkg. 2/1.19**  
 (7) 75-Ohm DC Block. Protects your video equipment against DC voltages from line-powered equipment. 15-1259 ..... **1.49**  
 (8) Inline 6 dB Attenuator. 75-ohm. With female F-connector on each end. Works to reduce or eliminate interference caused by excessive signal strength. 15-1258 ..... **2.29**  
 (9) Inline 6 dB Attenuator. As above, but with male F to female F-connector. 15-1257 ..... **2.29**

- (10) Mini A/B Video Switch. Two 75-ohm inputs, one 75-ohm output. Switches TV set between any two of antenna, cable, VCR, laser disc, satellite. Reversible. 15-1247 ..... **4.99**  
 (11) Mini VCR/TV/FM Switch. Two switchable 75-ohm inputs for antenna, VCR, cable, satellite or laser disc. One 300-ohm output. Reversible. 15-1246 ..... **4.99**  
 (12) A/B High-Isolation Video Switch. Helps prevent strong input signals from interfering with each other. With 75-ohm output, two switchable 75-ohm inputs. Reversible. 15-1249 ..... **6.99**  
 (13) A/B/C High-Isolation Video Switch. Pushbutton with 75-ohm output and three 75-ohm inputs. Reversible. 15-1248 ..... **10.99**



## VHF, UHF, FM and CATV Signal Boosters For Use With 75-Ohm Coax Cable

- (1) VHF/UHF/FM Amplifier. Adjustable 10 to 20 dB gain. Switchable FM trap cuts interference. Can be used with hybrid splitters to drive up to four TVs or VCRs. UL listed AC. 15-1113 ..... **22.95**  
 (2) Two-Set Amplified Coupler. Boosts signal from VHF, FM mid and superband cable TV to drive two TVs, VCRs or FM receivers. UL listed AC. 15-1116 ..... **13.95**  
 (3) 10 dB Booster-Amp. Strengthens signal from VHF, FM mid and superband cable TV for best possible picture. UL listed AC. 15-1118 ..... **12.95**

- (4) Four-Set Amplified Coupler. Boosts VHF, FM, mid and superband cable TV signal to drive any combination of four TVs, VCRs or FM receivers. Lets you use one antenna or cable box for the whole house, helps prevent signal loss on long cable runs to TVs in other rooms. UL listed AC. 15-1119 ..... **15.95**

- (5) 10 dB Inline Coax Amplifier. "Bullet"-type amplifier connects in-line with your coaxial cable, near antenna for maximum benefit. Reduces VHF/UHF/FM signal loss from splitters, transformers and long cable runs. UL listed AC. 15-1117 ..... **17.95**



## Cables, Connectors and Adapters For Audio and Video Hook-Ups

Fig.	Description	Cat. No.	Each
1	2-Foot Coax Cable, Male Push-On Connectors	15-1533	2.69
2	2-Foot VCR A/V Cable, Phono Connectors	15-1538	2.29
2	6-Foot VCR A/V Cable, Phono Connectors	15-1535	3.99
2	14-Foot VCR A/V Cable, Phono Connectors	15-1539	5.19
3	6-Foot Stereo A/V Cable, 3 Phono at Each End	15-1537	7.19
3	12-Foot Stereo A/V Cable, 3 Phono at Each End	15-1512	8.95
4	Dual 24-Foot A/V Cables, Phono Connectors	15-1540	8.29
5	Adapter, Male F-Connector to Phono Plug	278-253	1.99
6	Adapter, Male F-Connector to Female Phono Jack	278-255	1.29
7	Adapter, Female F-Connector to Phono Plug	278-252	1.39



## Premium-Quality Gold-Plated A/V Dubbing Kit

True, accurate dubs. Includes four adapters and 6-foot cable with phono plugs on ends. 15-1523 ..... **12.95**

Kit With Chromium-Plated Plugs. 15-1525 ..... **6.95**



## Cables With Gold-Plated Plugs

High-grade, low-loss 75-ohm coax.

Fig.	Length	Connector Type	Cat. No.	Each
1	3-Foot	Push-On F	15-1515	3.59
	6-Foot	Push-On F	15-1516	4.29
	12-Foot	Push-On F	15-1517	4.99
2	3-Foot	RCA Phono	15-1518	4.89
	6-Foot	RCA Phono	15-1519	5.69
	12-Foot	RCA Phono	15-1520	7.99
3 NEW!	3-Foot	A/V Cables	15-1504	6.49
	6-Foot	A/V Cables	15-1505	7.49
	12-Foot	A/V Cables	15-1506	9.99
4 NEW!	3-Foot	Stereo, A/V Cables	15-1507	9.49
	6-Foot	Stereo, A/V Cables	15-1508	10.99
	12-Foot	Stereo, A/V Cables	15-1509	14.99
5	3-Foot	Right-Angle Push-On F	15-1513	3.99
	6-Foot	Right-Angle Push-On F	15-1514	4.49
6	6-Foot	RCA Phono (Video Dubbing Cable Set—Stereo to Mono)	15-1521	9.95

# AUDIO/VIDEO REMOTES & REMOTE SYSTEMS



## Stop Juggling Remotes! Get a Universal Remote to Control Your Entire System

**Preprogrammed 4-in-1 Remote.** *No complicated setup*—just enter the 3-digit code for your particular component from the included list. Replaces lost or broken remote controls for all of Radio Shack's audio and video components and many other brands. Lets you control up to four audio, video or satellite components in any combination. It's the easy way to take command of your audio/video system—get yours today! Requires 4 "AAA" batteries. (TSP available) 15-1904

**39<sup>95</sup>**

**Programmable 8-in-1 Remote.** Controls eight components, works with almost any IR-remote equipment. You can simplify operation by combining steps from existing remotes into a single key—up to 48 steps for each of 38 command keys—and even program 16 sequences to auto-activate on a daily, weekly or one-time basis. Stores 32 channels per component, shows time, day, date. Requires 4 "AA" batteries. (TSP available) 15-1903, Low As \$15 Per Month

**99<sup>95</sup>**

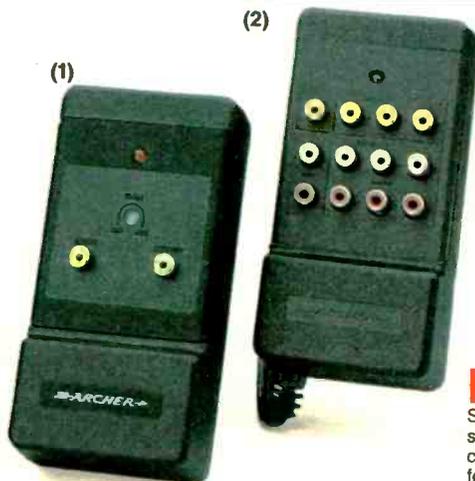
**Realistic® Model 150.** Ends clutter and confusion, and is perfect for smaller A/V systems. Learns and reproduces the commands of up to four separate IR remotes. Just place it in "learn" mode, align it with your component's existing remote, press the matching buttons, and it's ready to control any combination of VCR, TV, cable box, satellite system and stereo system or CD player. Has nine VCR function keys, plus up/down volume and channel scan. Requires 4 "AAA" batteries. (TSP available) 15-1902

**49<sup>95</sup>**

### Video Signal Amplifiers For Clearer Pictures

(1) **Video Amplifier/Enhancer.** Boosts base-band video signal for better picture from VCR, laser disc, satellite receiver or other video output. UL listed AC. 15-1102 ..... **19.95**

(2) **Three-Set Audio/Video Distribution Amplifier.** Amplifies and splits video signals for a stronger signal to each set—helps prevent loss from long cable runs. Drives up to three audio/video components. UL listed AC. 15-1103 ..... **29.95**



### Remote Video A-B Switch

**NEW!** Archer® IR Remote Video Switch. Lets you plug in two 75-ohm video sources, then switch between them without getting up from your chair. Switch between any two of VCR, laser disc, satellite, cable or broadcast TV—no swapping cables, keying in long remote sequences or messing up current settings on either unit. High-isolation design prevents interference between sources. UL listed AC. (TSP available) 15-1957

**39<sup>95</sup>**

# MULTIPLY YOUR VIDEO ENTERTAINMENT

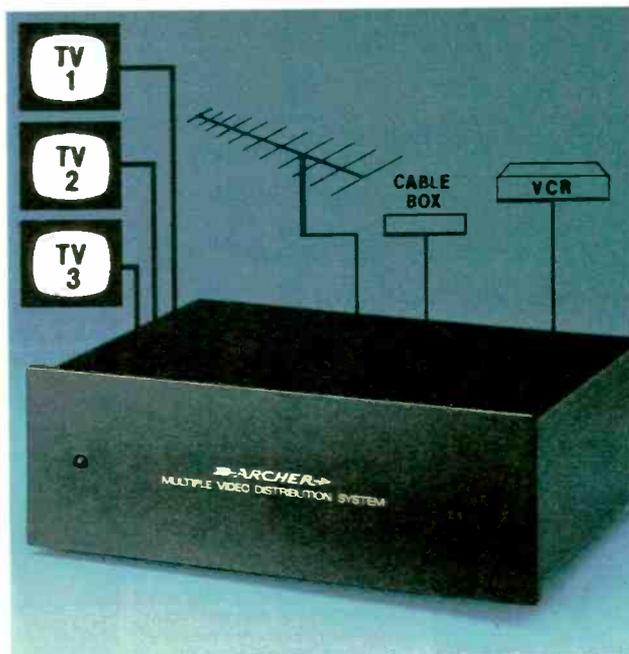


## Video Distributor Beams VCR or Cable Signal to TV in Any Room

- No Wires to Run—Transmits Through Walls

**NEW!** Watch what you want—where you want! Wireless system lets you watch a program from your VCR, laser disc, cable box or satellite receiver—or even monitor a security camera—on a TV in another room. Transmitter installs between video source and main TV, sends signal to main TV and to receiver unit plugged into a TV in another room. Has two transmitting frequencies for best possible results, plus antenna pass-through and switchable base-band/RF inputs. Extra receivers available on special order (CMC). UL listed AC. (TSP available) 15-1958 . . . . . Low As \$15 Per Month

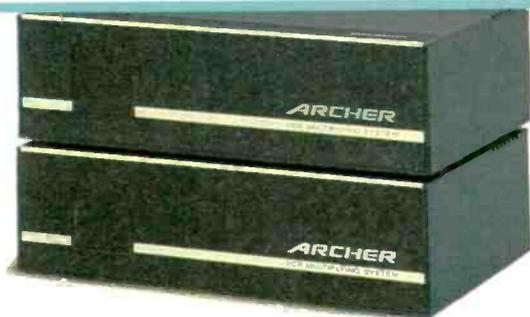
**99<sup>95</sup>**



## Archer® Whole-House Wired Video Distribution System

Sends signals from your cable box, VCR and satellite system or antenna to every TV in the house—and every viewer can choose the source and program they want using the TV's tuner. A single coaxial cable runs from the system to up to three TV sets, and you can add splitters to hook up even more TVs. Each of the three outputs is amplified for best reception, even in far-away rooms. Works with all standard TV receivers. Quick, easy hookup with coax cable, or use existing coax in prewired homes. UL listed AC. (TSP available) 15-1290

**54<sup>95</sup>**



## Archer VCR Multiplier—Use One VCR for Two TVs

Inexpensive system lets you share a single VCR with a second TV, or use VCR on one set while viewing TV on the other. There's no hassle of moving or reconnecting your VCR, and you can even use your existing IR remote to control your VCR from any room that has an Archer multiplier receiver. System includes transmitter, receiver, cables and ultrathin connecting wire for easy hookup in minutes. Extra receivers available on special order (CMC). UL listed AC. (TSP available) 15-1953

**49<sup>95</sup>**

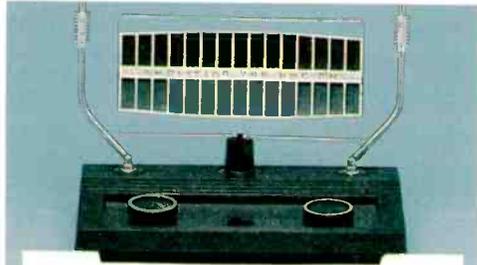


## 70-Channel Cable-TV Converter Box With Full-Function Wireless IR Remote Control

Don't rent a cable company box—buy your own. Our converter works with all cable systems, and can pay for itself in installation and rental fees in no time. Scan or direct-entry tuning, last-channel flashback and 90-minute sleep timer. Channel 3 or 4 output. With patch cable and splitter. Remote requires 9V battery. (TSP available) 15-1287 . . Low As \$15 Per Month

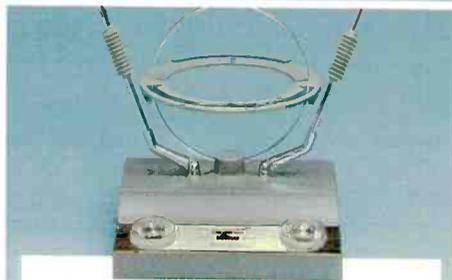
**119<sup>95</sup>**

# OUR INDOOR ANTENNAS GET THE PICTURE



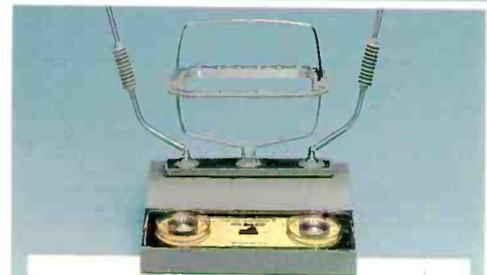
## Our Best Amplified Antenna

**NEW!** Color Supreme® 200. Built-in amp boosts weak TV and FM stereo signals up to 20 dB, adjusts for strong or weak signals. UL listed AC. 15-1831 **59<sup>95</sup>**



## Amplified TV/FM Antenna

Color Supreme V. Strengthens VHF/UHF and FM stereo signals up to 12 dB. Adjustable elements. Normal/boost switch prevents signal overload. UL listed AC. 15-1830 **45<sup>95</sup>**



## TV/FM With Phasing Control

Color Supreme III. Cuts ghosts and snow, improves FM stereo—even in poor signal areas. Phasing control sharpens VHF/UHF picture, 12-position fine-tuning. 15-1824 **29<sup>95</sup>**



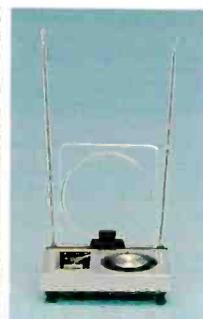
## VHF/UHF/FM With Rotating Elements

Color Supreme II. Rotary control orients UHF elements without turning the entire assembly, for clearest reception on channels 14-83. Twelve-position fine-tuning control for optimizing each channel. Greatly improves VHF and FM reception, too. 15-1816 **24<sup>95</sup>**



## Amplified FM Stereo Antenna

Connect to your receiver for dramatically improved FM stereo reception. Boosts signal up to 6 dB. Fine-tuning control helps pull in hard-to-get stations. Hi/Lo-gain switch to avoid overload. LED power-on indicator. Includes matching transformer for connection to 300-ohm terminals. UL listed AC. 15-1821 **29<sup>95</sup>**



## VHF/UHF/FM Budget Antenna

Color Eagle® 100. Pulls in better color and black and white than built-ins. Has adjustable UHF elements for more precise signal tuning, plus 12-position rotary fine-tuning control for optimum VHF/FM reception. May be wall-mounted. 15-1808 **19<sup>95</sup>**



## VHF/UHF/FM Indoor

**NEW!** Color Eagle. Adjustable UHF reflector dish. Twelve-position fine-tuning assures best VHF/FM reception. 15-1807 **15<sup>95</sup>**



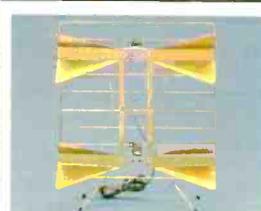
## Deluxe VHF/UHF

Features a multiposition fine-tuning control for improved color and B&W TV reception. Installs quickly with screwdriver. 15-1818 **10<sup>95</sup>**



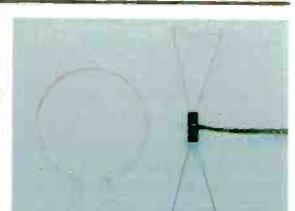
## Budget VHF/UHF

Sharpen your TV signal reception at low cost. Has telescoping dipoles, UHF loop and 12-position fine-tuning knob. Easy hookup. 15-628 **8<sup>95</sup>**



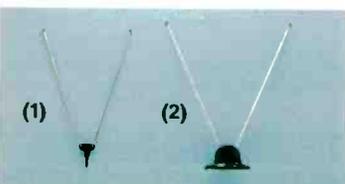
## UHF Bow Tie

Twin gold-colored elements deliver superior reception on channels 14-83. Sits upright on TV set. With no-mar vinyl feet. 15-623 **14<sup>95</sup>**



## UHF Antennas

Loop. Improves channels 14-83. 15-233 ..... **1.19**  
Bow Tie. Snaps on a VHF rod antenna for better UHF reception. 15-234 ..... **2.19**



## VHF Antennas

(1) Back of Set. Snaps in, provides an exact replacement for many TV sets. 15-235 ..... **4.95**  
(2) TV/FM. Rests on flat surface. Anti-skid base. 15-958 ..... **4.99**



## Back-of-Set VHF

■ Mounts Out-of-Sight Behind TV Set

Replace your TV's built-in antenna and start enjoying better reception today. Installs easily in minutes with just a screwdriver. Improves reception of TV channels 2 through 13. Telescoping 30" dipoles with swivel adjustment. Complete with VHF leads. 15-1804 **7<sup>95</sup>**



## Indoor FM Antenna

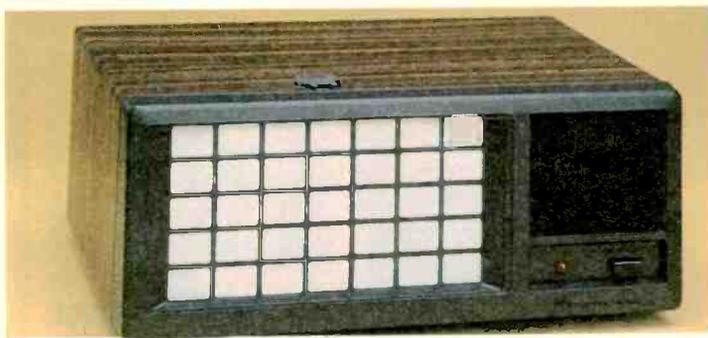
Stereo Supreme™. Enhances FM stereo, cuts drift and noise, pulls in weak stations, improves selectivity and channel separation. Fine-tuning control assures best possible signal pickup. Telescoping dipoles. 15-1822 **12<sup>95</sup>**



## Indoor VHF/UHF/FM Antenna Amplifier

Converts any indoor antenna to an amplified antenna. Gain, 10 dB. Separate VHF/UHF in/output leads. Power-on LED. UL listed AC. 15-1104 **19<sup>95</sup>**

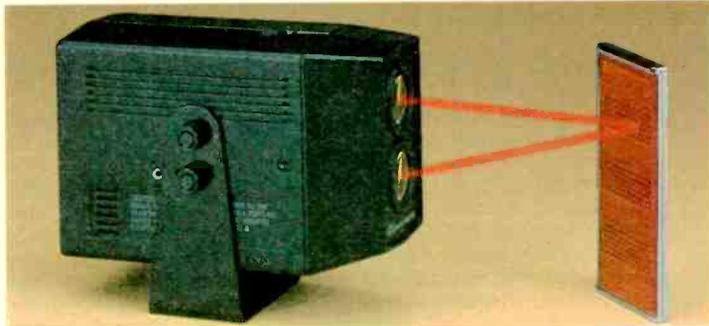
# SAFE HOUSE® SYSTEMS GUARD YOUR HOME



## Infrared Motion Alarm System

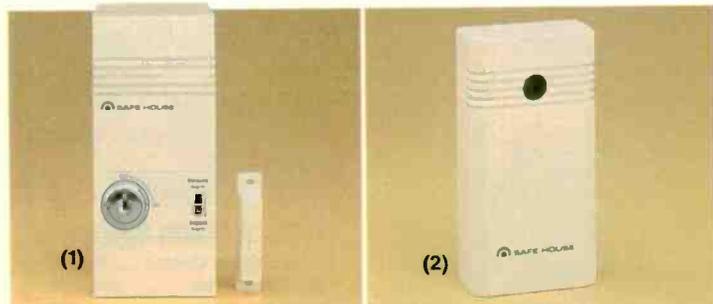
Sensitive alarm detects motion and body heat within a 20 x 30-foot "cone of protection." Walk-test LED helps define protection area. Alarm resets after 5 minutes. Has entry/exit delay. Terminals for adding external alarm, remote arm/disarm switch and security dialer. 3<sup>3</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>2</sub> x 8<sup>1</sup>/<sub>4</sub>". Automatic backup requires 8 "C" batteries. UL listed AC. (TSP available) **99<sup>95</sup>**

49-308 ..... Low As \$15 Per Month



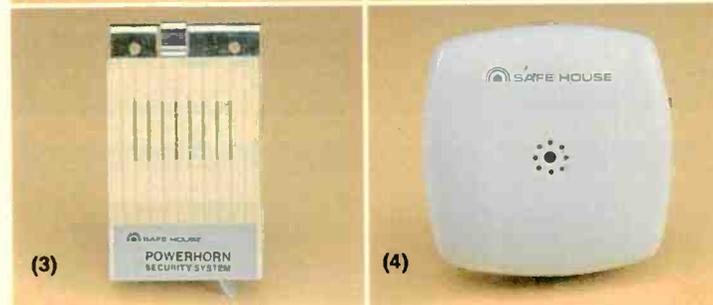
## Infrared Photorelay Alarm/Announcer

**NEW!** Receiver/transmitter fires an invisible beam of light to reflector (up to 50 feet away). Buzzer sounds if beam is interrupted to serve as an alarm or as an announcer. LED test alignment indicator and sensitivity control. Easily add a battery backup (requires 12V lantern type), strobe light, siren or auto-dialer. May be used with a central alarm system. 4<sup>1</sup>/<sub>8</sub> x 3 x 7<sup>1</sup>/<sub>4</sub>". UL listed AC. (TSP available) **69<sup>95</sup>**



(1)

(2)



(3)

(4)

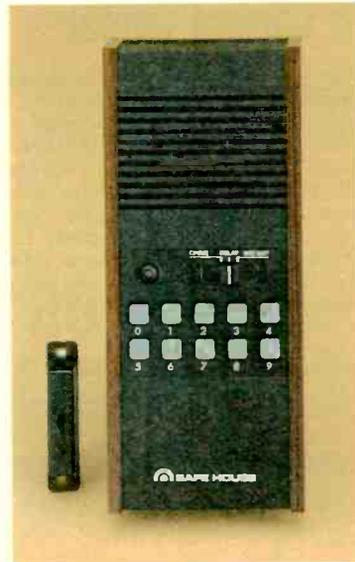
## Personal/Home Security Devices

(1) **Electronic Door or Window Alarm.** Mounts quickly with screws or double-sided tape. Key-operated on/off switch. Entry/exit delay. 5<sup>1</sup>/<sub>8</sub> x 2<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 9V alkaline battery. **49-421 11<sup>95</sup>**

(2) **Motion-Sensing Alarm.** Auto-resets after one minute. 4<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>8</sub>". Requires 9V alkaline battery. **49-419 11<sup>95</sup>**

(3) **Powerhorn® Jr. Alarm for Window/Door.** Protect yourself and your home! Loud built-in alarm. Complete with mounting hardware and 2-sided tape. Requires 2 "AA" batteries. **49-494 3<sup>69</sup>**

(4) **Drawer/Cabinet Alarm.** Light-sensitive. Alarm beeps whenever drawer is opened. Requires 9V battery. **49-615 6<sup>95</sup>**



## Door Alarm and Entry Chime

- Built-In Security Code
- Arms With Keyboard Code
- Timed Entry/Exit Delay
- No Wiring Required

Provides an inexpensive alarm protection for your home or office. Has a built-in loud, piercing alarm to warn against intruders, plus a pleasant-sounding chime that announces a visitor's entry. Change three-digit security code as needed. Simple do-it-yourself installation. Magnetic trigger for alarm switch and all mounting hardware included. 6<sup>5</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 9V alkaline battery. **49-422 24<sup>95</sup>**



## Home Smoke Alarm

Keeps your home and family safe. Sensitive detector responds to any smoke or invisible products of combustion by sounding built-in alarm. Pushing "test" button silences alarm. If smoke or fire is still present, unit will beep every minute. Heavy smoke overrides the reset to sound continuously. Use several for maximum safety. 5<sup>1</sup>/<sub>4</sub>" dia. x 2". With hardware. Includes 9V battery. UL listed. **49-458 15<sup>95</sup>**

# SAFE HOUSE® NIGHT & DAY PROTECTION

## Burglar and Fire Alarm Control Center

Protect yourself and your home with this easy-to-install perimeter/interior alarm and fire detection system. The control center's four independently operated trigger "loops" permit selectable zones of protection. A supervised, 24-hour alarm protection loop alerts you of smoke or fire instantly. An additional around-the-clock protection loop can be connected to alert you of entryway tampering. The control panel has LED indicators for battery strength, individual loop status, full system armed/disarmed report and for AC power on. Or hook up a panic button to sound alarm whether system is armed or not. Variable entry delay up to 40 seconds and exit delay up to 45 seconds. Magnetic switches, smoke, temperature, motion and other sensors may be added anytime. The system can activate an emergency phone auto-dialer. Transformer reduces 120VAC to 12VDC for safety. 13 x 9 1/2 x 3 3/4". UL listed AC. Backup requires two 6V batteries. (TSP available) 49-470 ..... Low As \$15 Per Month

**169<sup>95</sup>**

6V Rechargeable Battery. For above. 23-181 ..... Each 10.95



### Typical Alarm System

Alarm Control Center ... 49-470  
100 Feet of Wire ..... 278-862  
System Smoke Alarm ... 49-481  
High-Power Siren ..... 49-525  
Digital Keypad ..... 49-535  
Magnetic Switches ..... 49-495  
Vibration Detector ..... 49-521

## Burglar Alarm Control Center

"Pro" perimeter protection! Add key locks, magnetic contacts, vibration and glass-breakage detectors, motion sensors, sirens and strobes to custom-design your security system. Two alarm "loops"—one instant, one with adjustable 0-45 second entry/exit delays. Accepts up to 10 arm/disarm key switches. 24-hour panic switch circuit. Transformer plugs into 120VAC, steps down to 12VDC for safety. Automatic battery backup in case of power failure. Front-panel LED loop status indicators. Power-on and arm/memory LEDs assure system is armed and ready. Loop indicator shows if any window or door is unprotected. Includes battery and bell-test buttons. 11 7/16 x 8 1/4 x 3 9/16". UL listed AC. Backup system requires two 6V batteries. (TSP available) 49-450 ..... Low As \$15 Per Month

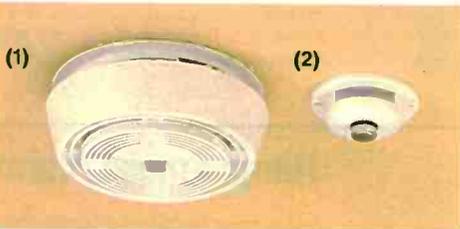
**99<sup>95</sup>**

6V Rechargeable Battery. For above. 23-181 ..... Each 10.95



### Typical Alarm System

Alarm Control Center ... 49-450  
100 Feet of Wire ..... 278-862  
Electronic Siren ..... 49-488  
Lock and 2 Keys ..... 49-523  
Magnetic Switches ..... 49-495  
Remote Key Plate ..... 49-524



### Smoke and Heat Detectors

(1) **Smoke Sensor.** Monitors for smoke or combustion particles. Simple four-wire hook-up. Powered by either Control Center, above. Built-in alarm. 5 1/4" diameter x 2". UL listed. 49-481

**39<sup>95</sup>**

(2) **135° Heat Sensor.** For use in areas not suited for smoke sensor. 49-482

**6<sup>95</sup>**

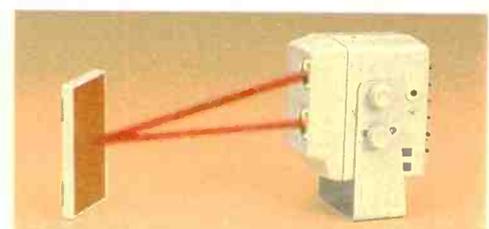
These sensors work only with 49-470 or similar system



### Infrared Motion Sensor

**NEW!** Infrared sensor detects intruders by sensing body heat—instantly alerts Control Center. Dual-element design extends coverage zones and helps prevent false alarms. Gimbal mounting allows wall or ceiling installation. Programmable pulse counter. High-immunity to RF disturbance fields from 30 to 1000 MHz. LED on/off switch. Gain adjusts from 1/2-1. With mounting hardware. Requires 12VDC at 20mA. UL listed. 49-550

**59<sup>95</sup>**



### Infrared Photorelay Sensor

One-piece receiver/transmitter is an important part of any customized home security system. Projects an invisible, pulsed beam of infrared light to the reflector which you can place up to 30 feet away, such as across a doorway, garage door or other entranceway. When beam is broken, the sensor instantly alerts your alarm system. Includes all mounting hardware and easy-to-follow instructions. Requires 12VDC at 60mA from your alarm system. UL listed. 49-551

**37<sup>95</sup>**

# YOU CAN CUSTOMIZE YOUR ALARM SYSTEM

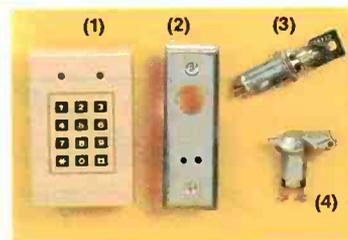
## Security Auto-Dialer

Protect your loved ones. Dialer can be triggered by an alarm system or by the touch of a button. Automatically dials up to three phone numbers in sequence and plays your pre-recorded message to alert police, fire, physician or anyone you choose in an emergency. Large, easy-to-find "panic" button. Monitor switch, built-in mike, message-is-playing and battery-check LEDs. Battery backup system in case AC power fails. Works on any pulse or tone line. UL listed AC. Backup requires 3 "AA" and 4 "C" batteries. FCC registered. 2<sup>3</sup>/<sub>4</sub> x 9 x 6<sup>3</sup>/<sub>4</sub>".

**99<sup>95</sup>**

49-433, Low As \$15 Per Month

Use may be regulated by state or local law



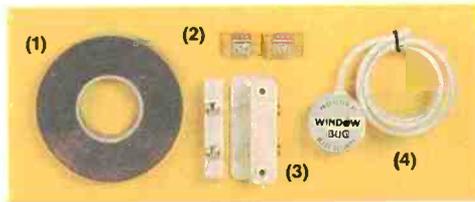
## Keypad and Key Switches

- (1) Digital Keypad. 10-16VDC at 70mA. UL listed. 49-535 ..... **22.95**
- (2) Remote Key Plate. 6 or 12VDC. 49-524 ..... **6.95**
- (3) Momentary-Contact Lock Switch. For 49-450, 49-470, 49-523 ..... **9.95**
- (4) Locking-Contact Switch. 49-511, **9.95**
- (4) Locking Switch With Cover. Two keys. 49-515 ..... **4.79**



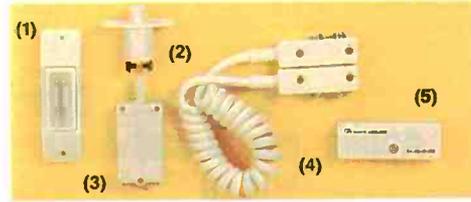
## Door and Window Contacts

Fig.	Description	Cat. No.	Price
1	Door/Window Switch (N.C.)	49-495	<b>3.59</b>
-	Door/Window Switch (N.O.)	49-512	<b>5.19</b>
2	Spacers (for above)	49-519	<b>Pkg. 6/1.29</b>
3	Mini Magnetic Switch (N.C.)	49-497	<b>3.99</b>
4	Press-Fit Switch (N.C.)	49-505	<b>5.99</b>
5	Concealed Magnetic Switch	49-496	<b>3.99</b>
6	Wide-Gap Switch (N.C.)	49-499	<b>6.29</b>
7	Threaded Magnet Switch	49-503	<b>6.99</b>



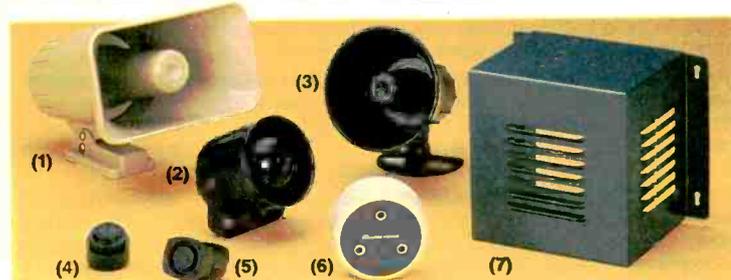
## Foil, Contacts and More

- (1) Foil. Connects to alarm and glass. Self-adhesive 120-foot x 3/8 inch roll. 49-502 ..... **6.19**
- (2) Self-Adhesive Foil Connectors. Ideal for professional-type installation. UL listed. 49-504 ..... **3 Pair/2.59**
- (3) Foil/Vibration Sliding Window/Door Contact. Mount half on door or window, other half on frame. Allows normal door/window use. UL listed. 49-518 ..... **3.99**
- (4) Glass Breakage Detector. Protects up to 32 square feet of glass. For use with open or closed circuits. Easy hookup. UL listed. 49-516 ..... **7.95**



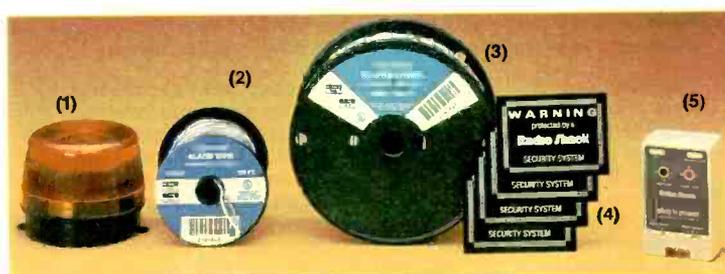
## Alarm System Accessories

- (1) Panic Switch. Normally open (unpressed). UL listed. 49-517 ..... **1.49**
- (2) Contact Switch. For window or door frame. Normally closed (pressed). With hardware. UL listed. 49-513 ..... **1.29**
- (3) Tamper Switch. Normally open (pressed). UL listed. 49-528 ..... **1.59**
- (4) Jumper Cord. Perfect for adding protection to doors with decorative glass. 49-548 ..... **4.19**
- (5) Vibration Detector. Adjustable sensitivity. For normally closed loops. UL listed. 49-521 ..... **3.95**



## Security System Sirens, Buzzer and Enclosure

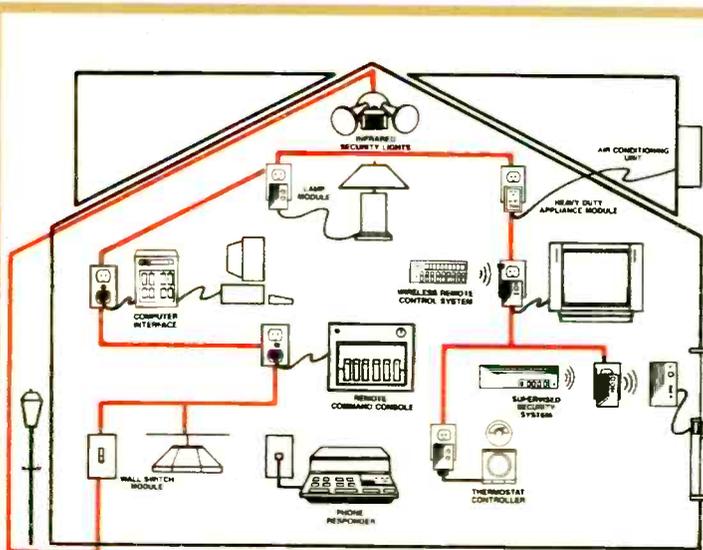
Fig.	Description	DC Volts/Amps	Cat. No.	Each
1	High-Power 2-Sound Siren	6-12/1	49-525	<b>41.95</b>
2	High-Efficiency 2-Sound Siren	12/0.33	49-487	<b>22.95</b>
3	Indoor/Outdoor 2-Sound Siren	12/0.5	49-488	<b>19.95</b>
4	Piezo Buzzer (Pre-Alarm)	4-28/0.2	273-068	<b>8.49</b>
5	High-Efficiency Siren	12/0.24	49-489	<b>10.95</b>
6	Indoor 2-Sound Siren	12/0.36	49-490	<b>12.95</b>
7	Siren Enclosure	...	49-486	<b>12.95</b>



## Strobe Light, Decals, Wire and Interface

- (1) Strobe Light. Helps emergency vehicles find your home. Requires 12VDC at 0.2 amp. 49-527 ..... **21.95**
- (2) 2-Conductor Stranded Alarm Wire. 22-gauge. UL listed. 100 Feet, 278-862 ..... **7.99**
- (3) 300 Feet, 278-863 ..... **21.99**
- (4) Warning Decals. Vinyl adhesive. 49-507 ..... **Pkg. of 4/1.19**
- (5) Universal Plug 'n Power® Interface. Expands the capability of your alarm system (see pages 122-123). UL listed AC. Available by special order (CMC) 61-2687 ..... **19.99**

# LET PLUG 'N POWER MAKE LIFE EASIER



## It's Easy to Remote-Control Lights and Appliances In and Around Your Home! With Plug 'n Power You Don't Have To Run a Single Wire—Just Plug In

**Imagine the Convenience** of controlling your porch light from your bedroom. Imagine the security of being able to turn on all inside and outside lights at the touch of a button. Would you like to give your home a "lived-in" look while you're away? How about dimming your den lights and turning on the TV—without leaving your chair. You can do all this and lots more with a Plug 'n Power® system.

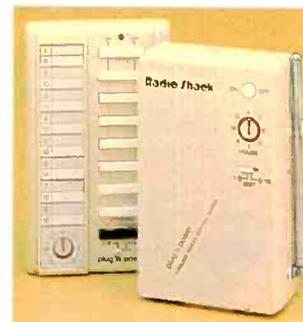
**Home Automation Made Simple.** With Plug 'n Power, your home or apartment is already wired for remote control and security. The command centers send signals through your AC wiring to remote modules. Lights and appliances plug into the remotes—it's that simple.

**The Mini Command Center,** on the facing page, lets you control up to eight sets of modules. It's perfectly sized for a bedside table and a super value at only \$12.95. Get one for your den, kitchen and any other location where you want a remote control at your fingertips. Our Remote Controller/Timer provides manual and timer control. You can easily program it to activate lights, fans and other appliances at the times you set. Think of it! You'll never have to come home to a dark house again—or a home that's too cold or too warm. Automate a room air conditioner (even 220VAC models), or your central heat and air. A Plug 'n Power system can quickly pay for itself in energy savings!

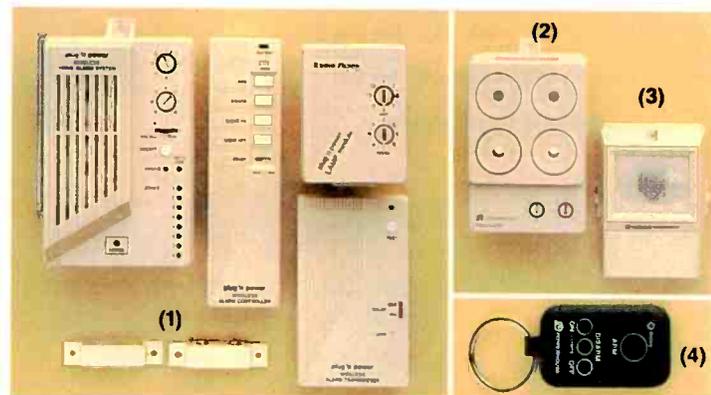
**Home Control by Phone.** Running late? Our Telephone Responder lets you call from any tone phone and control lights, appliances, heating and cooling with simple commands from the phone keypad.

**Compatible...Expandable...Affordable.** All Plug 'n Power equipment is compatible. You can use it in almost any combination. It's easy to set up a system, easy to expand, and easy to take along if you move.

## Wireless Remote Control And Light Dimmer System



Use the remote to turn lights on/off and dim/brighten them—even turn on house lights as you enter your driveway. Plug-in receiver has one 15A outlet for lamp or appliance. Add plug-in modules, shown on next page, to remote-control up to 16 sets of devices. Remote requires 4 "AAA" batteries. **39<sup>95</sup>** (TSP available) **61-2676**  
Extra Remote. (CMC) ..... **19.99**



## Supervised Security/Remote Control System

**(1) Incredible Value—Actually Two Systems in One!** You get pro-quality supervised security and convenient remote control—all with fast no-tools installation. Operation couldn't be easier. Press one button on the handheld remote to arm and disarm the security system. Press another to turn lamps on and off. You can use the remote anywhere in or around your home.

**Helps Keep Burglars Out.** When an intruder opens a protected door or window, this system responds with a super-loud 85 dB siren. But that's not all. The lamp you've plugged into the included module flashes on and off to attract attention. The combination of pulsing light and screaming siren will frighten away the most determined intruder! You can add modules to flash more inside and outside lights and extra sirens.

**Professional-Quality Supervised Protection at Low Cost.** Door/window sensors are *supervised*. They check themselves automatically and report to the receiver. LEDs tell you if a battery is weak or if you've left a window or door open. For whole-house perimeter protection, you can add door/window entry sensors and motion detectors wherever you need them.

**The Basic System Includes** remote, receiver/siren, one door/window sensor and one plug-in lamp module. You can expand anytime with accessories, below, and modules shown on the next page. Remote, door/window sensor and receiver memory backup each require 9V battery. (TSP available) **61-2611** **79<sup>95</sup>**

**Extra Door/Window Sensor.** Add up to 15 to protect entry points. No wiring or tools are needed to install. Requires 9V alkaline battery. **61-2612** ..... **Each 14.95**

**Extra Wireless Handheld Remote.** **61-2615** (CMC) ..... **24.99**

**(2) POWERHORN® Remote Siren.** 110 dB. Four times louder than most smoke alarms! No wiring—just plug in at any indoor AC outlet. **61-2613** (CMC) ..... **49.99**

**(3) Infrared Motion Detector.** Triggers alarm system when it detects heat and motion. Wireless—move it to protect another room anytime. **61-2614** (CMC) ..... **59.99**

**(4) Miniature Keychain Remote Control.** Lets you arm/disarm system and turn lights on/off as you enter and leave. Works as a "panic" button, too. **61-2618** (CMC) ..... **24.99**

# YOU'LL SAVE TIME AND STEPS EVERY DAY



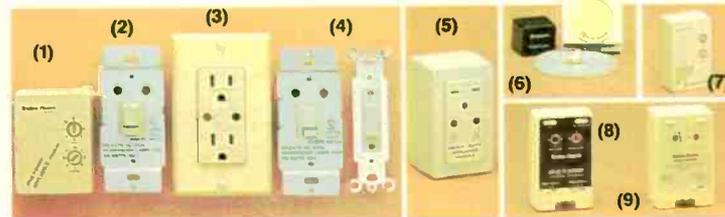
## Plug 'n Power® Motion-Sensing Dual Floodlight With Remote Switching

Floodlights come on when sensor detects motion. Works independently or you can set it to turn on indoor lights at dusk and other lights when it detects motion—just add lamp modules, below. Plus, you can use any Command Center to control floodlights manually. Installs on standard electrical box. Bulbs not included. 61-2604 ..... 49.95



## Command Centers and Remote Controller/Timer

- (1) **Mini Command Center.** Controls up to eight sets of remote modules, below. Perfect for bedside table. You can dim/brighten lights and turn appliances on/off all over your home. All-lights-on/off control doubles as a panic alert. 61-2677 ..... 12.95
- 16-Button Controller.** Controls up to 16 sets of modules. 61-2672 (CMC) ..... 24.99
- "Sundowner" Controller.** Same functions as Fig. 1 plus a built-in photocell sensor. It automatically turns on up to four lights at dusk and switches them off at dawn. Requires remote modules, below. 61-2616 (CMC) ..... 22.99
- (2) **Remote Controller/Timer.** Use with remote modules, below, to automate fans, air conditioners, lights, TV and more. You can program daily on/off times and operate devices manually. Also operates as a digital alarm clock and has varied-time security feature. Backup system requires 9V battery. (TSP available) 61-2670 ..... 29.95

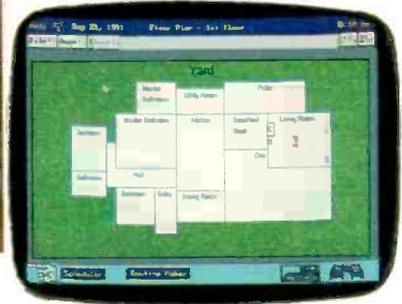


## Plug 'n Power Remote Modules and Wall Switches

- (1) **On/Off Appliance Module.** Plugs into 2-prong AC outlet. Rated 15 amps (for coffee pots, etc.), 1/2 HP for motors, 500 watts for incandescent lamps. 61-2681 ..... 12.95
- Universal Appliance Module.** As above but with 3-prong plug and outlet. 61-2684, 13.95
- Lamp Dimmer Module.** Rated 300W, incandescent lamps only. 61-2682 ..... 12.95
- (2) **Wall Switch.** On/off, dim/brighten. 500W, incandescent lamps only. 61-2683 ..... 12.95
- (3) **Wall Outlet.** Has one remote-control outlet and one standard outlet. 61-2685 ..... 15.95
- (4) **3-Way Wall Switch.** For lights using two switches, such as garage or hall. Includes companion switch. On/off and brighten/dim by remote. Manual on/off. 61-2686 ..... 15.95
- Extra Switch for 4-Way Installation.** (CMC) ..... 7.99
- (5) **15-Amp 220VAC Remote Module.** Controls 220VAC appliances. 61-2668 (CMC), 24.99
- Heavy-Duty 20-Amp 220VAC Module.** 61-2669 (CMC) ..... 24.99
- (6) **Set-Back Thermostat Control Module.** Control your heating and/or air conditioning system by remote. Requires Appliance Module (Fig. 1), sold separately. 61-2689 (CMC), 19.99
- (7) **Remote Chime/Beeper.** Use with 61-2604 as remote door bell. 61-2656 (CMC), 24.99
- (8) **Universal Interface.** Connects to alarm system, contact switch or other sensor. Turns on or flashes lights connected to modules when alarm or sensor trips. 61-2687 (CMC), 19.99
- (9) **Sounder/Actuator.** Lets you switch a low-voltage load by remote. Great for auto-dialer, sprinkler, drapery closer. Momentary or sustained contact closure. 61-2688 (CMC), 18.99



**DeskMate**  
User Interface by Tandy



## Plug 'n Power Computer Interface With DeskMate® "Automatic House" Software

- Use Your Tandy® or Other PC-Compatible Computer to Program The Interface Then Detach It—Doesn't Tie Up Your Computer
- Set-Up is Incredibly Simple, Fast and Precise With the Included DeskMate "Automatic House" Software (Requires DeskMate 3.X)
- High Capacity—Handles Up to 128 Separate Timer Events and Controls Up to 256 Sets of Plug 'n Power Modules

**Plug 'n Power Computer Interface.** Now you can use the power of your computer to set up precise automatic control for household lights, appliances, heating and cooling. The new Automatic House software (supplied on disk) makes it fast and easy. The program starts with a brief introduction for first-time users. Then, it helps you make an on-screen floor plan, complete with icons (on-screen images) representing the devices you wish to control. You can schedule different on/off times for different days. You can even schedule lights to dim or brighten to precise levels at different times—a great crime deterrent when you're away from home. After programming, the interface operates independently. Includes cable for hookup to computer's serial port and software on both 5 1/4" and 3 1/2" disks. Backup requires 9V battery. 61-2617 (CMC)

**69<sup>99</sup>**



## Call Home and Control Lights And Appliances

**Telephone Responder.** Lets you call home and control up to 10 lights or appliances by entering simple commands on any Touch-Tone keypad. When you're home, you can use the Telephone Responder as a manual Plug 'n Power control center and even set it to flash selected lights when your telephone rings. 61-2692 (CMC)

**79<sup>99</sup>**

# MICRONTA—PRODUCTS WITH YOU IN MIND



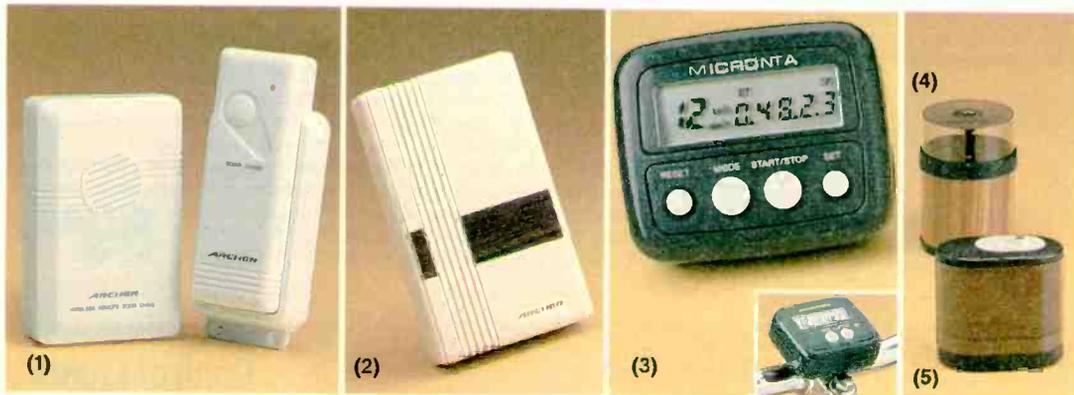
## Clocks & Timers Make Great Reminders and Handy Lamp/Appliance Controllers

**(1) NEW!** LCD Clock With Dual Up/Down Timers. Time up or down to 99:59:59, even two events at once. Timer alarm, memory. With RS357A battery. 63-884, **14.95**  
**(2) Stick-On LCD Clock/Timer/Calendar.** Times to 15 min. With RS357A battery. 63-840 ... **3.99**  
**(3) Pocket/Magnet-Mount LCD Timer.** Times to 99:59. With RS357A battery. 63-879 ... **10.95**

**(4) Pocket LCD Timer.** Fold-down stand for desk, plus pocket clip. Times to 99:59. With RS357A battery. 63-880 ..... **14.95**  
**(5) NEW!** Grounded Heavy-Duty AC Timer. For air conditioners, heaters, computers and other high-current plug-in equipment. Two on/off settings per day, plus manual-override on/off switch. UL listed. 63-866, **14.95**

**(6) Tabletop 24-Hour AC Timer.** For lamp or appliance, 12 on/off settings daily. Override. Rated 15A. UL listed. 63-865 ... **14.95**  
**(7) Plug-In AC Timer.** Twelve hourly on/off cycles. Override. 15A. UL listed. 63-864 .... **9.95**  
**(8) Mini Plug-In AC Timer.** Two on-off settings. Only 3 7/8 x 2 3/4 x 1 7/8". Rated to 15A. UL listed. 63-862 ..... **7.95**

**(9) Eight-Event, 24-Hour LCD AC Timer.** Digital timer gives you four on/four off times daily. 15A. UL listed. Requires "AA" battery for memory backup. 63-891 ... **22.95**  
**(10) NEW!** 7-Day, 14-Event LCD AC Timer. Up to seven on/seven off settings can apply daily or on specific day of the week. Rated 15A. UL listed. Includes memory backup battery. 63-892 ..... **27.95**



## Wireless Door Chime/Remote Pager

**NEW!** (1) Mounts for use as a doorbell—no wiring required. Or, use as a pager or panic switch. A sick or elderly person can just push the button on transmitter to call the person with receiver. Even has contact switch terminals for use as an entry chime. Requires 9V and 3 "AA" batteries. 63-871 **19.95**

## Battery-Powered Door Chime

**NEW!** (2) Add a doorbell for back or side door. No AC is required—install it anywhere. Has an outside pushbutton and includes 6 1/2 feet of hookup wire—enough for most installations. "Ding-dong" chime. Requires 9V battery. 63-870 **12.95**

## BikeMate™ Bicycle Computer

(3) Know the facts—not just "how you feel." Monitors speed, current time, elapsed time and trip/total mileage. Even keeps track of maximum speed on current trip. Calibrates to any wheel size. Switchable English/metric measurements. Weather resistant. Requires 2 "AAA" batteries. 63-644 **24.95**

## Cordless Pencil Sharpeners

(4) Super value! With spare blades. Requires 4 "C" batteries. 61-2795 ..... **10.95**  
 (5) No cords to tangle! Performs like AC-powered models. Requires 4 "AA" batteries. 61-2590 .. **3.99**

## Halogen Table Lamp

**NEW!** Stylish design and low power consumption make it ideal for home or office. Hi/lo light levels. Height and angle adjustable to 21" high. UL listed AC. 61-2552 **29.95**

# QUARTZ-ACCURATE MICRONTA® CLOCKS



## VoxClock® Talking Clocks Really Tell the Time

■ They Display the Time and Announce It, Too

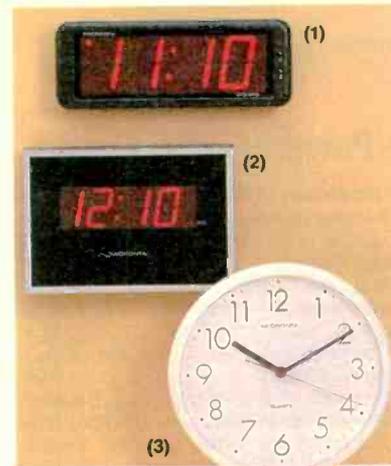
- (1) **NEW!** VoxClock Travel Alarm. Folds to go anywhere. LCD display, plus a built-in voice announces time at the touch of a button. Hi/lo voice volume, 12/24-hour modes, a.m./p.m. indicators. With CR2032 batteries. 63-905 ..... **29.95**
- (2) **NEW LOW PRICE!** VoxClock-2. Announces time hourly or at the touch of a button. LCD display plus voice for easy time-setting. Hi/lo voice volume, 12/24-hour modes. Requires 2 "AA" batteries. Was \$39.95 in 1991 Catalog. 63-904, **34.95**
- (3) **VoxClock-3 With Dual Alarms.** Announces time when alarm sounds, or time, month and day when you tap the button. Two wakeup times make it perfect for couples. Switchable voice or chime alarms with a different melody for each alarm. Easy-to-see 0.9" LED display. Forward/reverse controls for easy time and alarm setting. UL listed AC. Backup requires 7 "AA" batteries. 63-906 ..... **49.95**



## Compact-Disc Table Clock

■ Quartz Accuracy, Cutting-Edge Style

**NEW!** Digital sound meets analog timekeeping! It's the perfect clock for your favorite discerning audiophile—adds a distinctive accent to den or office. Precision analog quartz movement with second hand. Includes clock stand for desk or table. Requires "AA" battery. **14.95**



## Stylish Wall Clocks

- (1) **Giant LED for Wall/Desk.** Looks sensational in office or home. Huge 2 1/2" display can be read from up to 50 feet or farther. Switchable 12/24-hour modes, hi/lo brightness and p.m. indicator. Detachable power cord. Built-in desk stand. UL listed AC. 63-808, **29.95**
- (2) **Digital LED for Wall or Desk.** Jumbo 1.8" display can be read from across the room. Has switchable 12 or 24-hour display, p.m. indicator. Mount on wall or use the built-in desk stand. UL listed AC. 63-805 ..... **22.95**
- (3) **NEW!** Modern Wall Clock. Stylish update of a classic design. Battery-powered to mount almost anywhere. Requires "AA" battery. 63-810 .... **12.95**



## Accurate Digital Alarm Clocks

- (1) **Jumbo LED Display.** Huge 1.8" numerals are easy to see from anywhere in the room. Snooze control, 12/24-hour modes, p.m. indicator. 63-766 ..... **24.95**
- (2) **NEW!** Big LED Display & Alarm Volume Control. 0.9" numerals, p.m. indicator, snooze. 63-762 ..... **19.95**
- (3) **Large Green LED Display.** Built-in night light with hi/lo/off switch. Soothing, green 0.6" numerals. Snooze control and p.m. indicator. 63-759 ..... **19.95**
- (4) **NEW!** Fluorescent Display & Alarm Volume Control. Auto-dimmer adjusts brightness to room light level. Snooze control, 12/24-hour modes, p.m. indicator. 0.6" numerals. 63-764 ..... **19.95**
- (5) **LED Display.** Our lowest priced alarm. Snooze, p.m. indicator, 0.6" numerals. 63-758 ..... **9.95**
- (6) **NEW!** Oversize LED Display and Hi/Lo Dimmer. Easy-to-read oversize 1.4" numerals, plus snooze control and p.m. indicator. 63-763 ..... **17.95**
- (7) **Green LED Display.** Has 0.6" numerals, snooze control and p.m. indicator. 63-757 ..... **13.95**

CLOCKS ABOVE ARE UL LISTED AC OPERATION



**Exclusive Battery Backup/Battery Sentinel®:** Our AC-powered clocks have backup which powers clock, without display, for up to eight hours and alarm for 10 minutes. LED warns of weak battery.

BATTERY BACKUP IN AC-POWERED CLOCKS, EXCEPT 63-906, REQUIRES 9V BATTERY (EXTRA)

# MICRONTA—WATCHWORD FOR PRECISION



## Famous Micronta® Watches—There's a Style Just Right for Every Need and Budget

- (1) **NEW!** Colored Graphic Display/Multifunction. Calendar, count-down timer, stopwatch, pacemaker. With RS2016H battery. 63-5031, **24.95**
- (2) **NEW!** VoxWatch®. Synthesized voice announces the time hourly or at the touch of a button. LCD displays time, month, date, day of week. Built-in stopwatch. With CR2025 battery. 63-5041 ..... **49.95**
- (3) **NEW!** LCD Analog/Digital Display. Stopwatch, calendar, alarm. Water resistant to 100 feet. With RS391 battery. 63-5068 ..... **17.95**
- (4) **NEW!** Dual-Display Chronograph. Graphic LCD shows date, day of week and time. Stopwatch stores 29 lap positions, measures split time. Water resistant to 100 ft. With CR2330 battery. 63-5069, **19.95**
- (5) **NEW!** Lady's Classic Analog. Quartz accuracy, attractive leather band, second hand. With RS371 battery. 63-5070 ..... **19.95**

- (6) Stylish Analog/Digital Alarm. Calendar, 24-hour alarm, stopwatch. Water resistant to 100 ft. With SR927W battery. 63-5067, **27.95**
- (7) Analog. LCD window displays month and date. Water resistant to 150 feet. Sweep second hand. With RS399 battery. 63-5065, **19.95**
- (8) LCD Chronoalarm. Displays month/day/time or use as a stopwatch. Has 24-hour alarm, hourly chime and calendar. Water resistant to 100 feet. With RS392 battery. 63-5057 ..... **14.95**
- (9) Extra-Large LCD Digits. Calendar, 24-hour alarm. Water resistant to 100 feet. With RS392 battery. 63-5064 ..... **9.95**
- (10) LCD Calculator Watch. LCD shows time and date. Has 24-hour travel alarm. Features 4-function, 8-digit calculator for problem solving on-the-go. With RS389 battery. 63-5059 ..... **12.95**



## Desk Alarm Clocks

■ Battery Powered

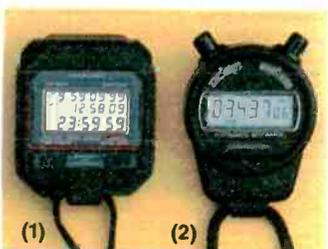
**LCD Full-Screen Calendar/Clock.** Just a glance informs you of the time, date and day of week. Features snooze control button and 24-hour alarm. 3<sup>3</sup>/<sub>8</sub> x 4<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>4</sub>". With RS357A battery. 63-761 **24<sup>95</sup>**

**Large LCD Display Clock.** Big illuminated 0.7" numerals can be read from across the room. Snooze and 24-hour alarm. 1<sup>7</sup>/<sub>8</sub> x 4 x 2<sup>5</sup>/<sub>8</sub>". Requires "AA" battery. 63-745 **12<sup>95</sup>**



## Time Travel—Battery-Powered Mini Clocks

- (1) **LCD World Time.** Instantly know the time in any of 20 major cities around the globe. Switchable 12/24-hour mode. 24-hour alarm. 2<sup>1</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>2</sub>, folds to 5/8". Includes RS76 battery. 63-710 ..... **19.95**
- (2) **LCD Traveller Alarm With Extra-Large Numerals.** Features snooze button, 24-hour alarm. 1<sup>1</sup>/<sub>2</sub> x 4<sup>7</sup>/<sub>8</sub> x 3<sup>3</sup>/<sub>4</sub>". Requires 3 "AA" batteries. 63-709 ... **13.95**
- (3) **Mini Analog Travel Alarm.** Luminous hands, 24-hour alarm and a handy carry pouch. 2<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>8</sub>". Requires "AA" battery. 63-716 ..... **11.95**
- (4) **LCD Anywhere® Clock.** Stick-on almost anywhere! Includes slide-in bracket. 1<sup>1</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>8</sub>". With RS357 battery. 63-836 ..... **10.95**
- (5) **Micro LCD Travel Alarm.** Just the thing for your overnight bag. Backlight display, 24-hour alarm. Only 1<sup>3</sup>/<sub>4</sub> x 3 x 1<sup>1</sup>/<sub>4</sub>". With RS357A battery. 63-706, **12.95**
- (6) **Deluxe LCD Travel Alarm.** Perfect backup for wake-up calls. Snooze, backlight. 4 x 2<sup>3</sup>/<sub>8</sub>, folds in case to 1/2" high. With LR43 battery. 63-708, **17.95**

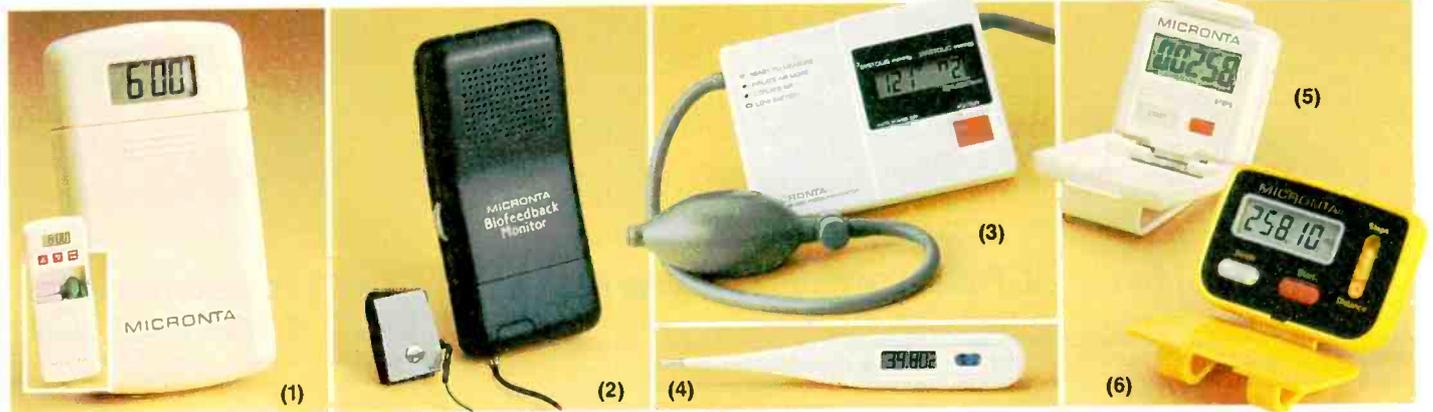


## LCD Stopwatches

(1) **9-Lap Memory.** Times to 23 hrs., 59 min., 59 sec. and <sup>99</sup>/<sub>100</sub> sec. With neck cord, CR2016 battery. 63-5012 **24<sup>95</sup>**

(2) **Professional.** Times to 9 hrs., 59 min., 59 sec. and <sup>99</sup>/<sub>100</sub> sec. With neck cord, RS357A battery. 63-5010 **19<sup>95</sup>**

# ELECTRONICS FOR YOUR HEALTH & HOME



## Micronta Brings You Better and Healthier Living Through Electronics

**(1) 24-Hour Pillbox/Timer.** Ends the worry of taking medication on time. Handy compartment safely stores your pills, and alarm alerts you when it's time to take them. Counts down from 23 hours and 59 minutes in 60 second increments. Set the time period once, then simply push a button to restart the time cycle. Recessed buttons prevent accidental resetting. With RS357A battery. **63-881 14<sup>95</sup>**

**(2) Biofeedback Stress Monitor.** Electronically detects internal body changes caused by tension—helps you to recognize and control harmful stress. Listen through either the speaker or earphone. A high-pitched tone indicates that you're feeling stress. A slow "popping" sound means you're calm, relaxed. Includes earphone. Requires 9V **63-664 13<sup>95</sup>**

**(3) LCD Blood Pressure Monitor.** One-hand operation. Accurate display of diastolic and systolic pressure and pulse rate. Vinyl case. Requires 9V **63-663 49<sup>95</sup>**

**(4) LCD Fever Thermometer.** Accurate readings ( $\pm 0.2^{\circ}\text{F}$ ) in one minute. Auto-shutoff. Sterilized covers (available at drugstores) slip onto the tip. With RS392 **63-655 9<sup>95</sup>**

**(5) Walk-Mate<sup>®</sup> Pedometer.** Walk your way to fitness. Measures to 99,999 steps. Makes it easy to keep track of your progress. One-touch reset button. Includes RS386A battery. **63-671 14<sup>95</sup>**

**(6) Walk-and-Jog Mate<sup>™</sup> Pedometer.** Distance meter accurately measures to 99,999 steps and to 999.99 miles. Large, easy-to-read LCD. Belt clip included. With RS386A **63-682 24<sup>95</sup>**



## Home/Auto Air Purifier

- Eliminates Airborne Odors, Pollen, Smoke

**NEW!** Electronic Ionizer. Enjoy breathing air with "after a rainstorm" freshness! Clears the air with a powerful flow of negative ions that attract and trap air pollutants like a magnet. Eliminates tobacco smoke, cooking odors and pet smells. Even works with allergy-causing pollen and particles too small to be trapped by air filters. Covers 250 square feet. Dual powered. Includes UL listed AC adapter and 12VDC lighter **63-643 29<sup>95</sup>**

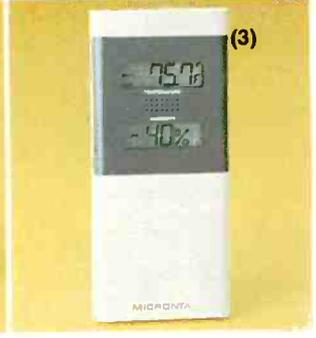


## Indoor/Outdoor LCD Thermometers and Hygrometer

- Displays Either Fahrenheit or Celsius

**(1) Dual-Display Thermometer.** Shows both indoor and outdoor temperatures. Memorizes highs and lows—makes it easier to set heating/cooling system for smarter energy usage.  $5\frac{3}{16} \times 3\frac{1}{2} \times \frac{7}{16}$ ". Requires 2 "AA" batteries. **63-843 29<sup>95</sup>**

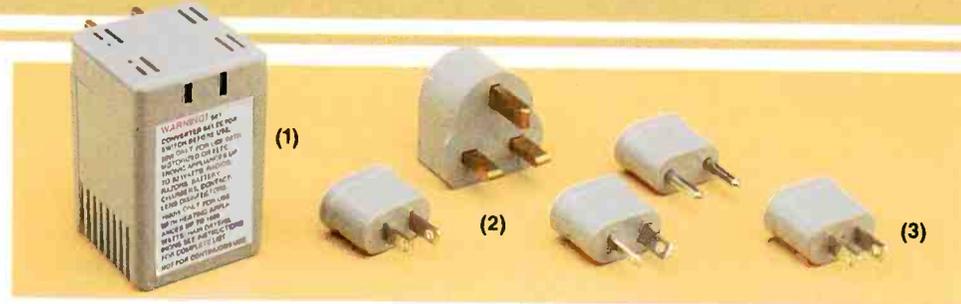
**(2) In/Outdoor Thermometer.** Check the temperature outside before you leave the house. Switchable in/outdoor display and backlight.  $1\frac{7}{8} \times 2\frac{1}{2} \times \frac{1}{2}$ ". Complete with RS357A battery. **63-842 14<sup>95</sup>**



- Fahrenheit/Celsius Temperature Display

**(3) Indoor Thermometer/Hygrometer.** Feel itchy? Scratchy throat? One glance tells you if the room humidity isn't "right". Also helps protect sensitive equipment. Accurately measures from  $-58^{\circ}$  to  $158^{\circ}$  Fahrenheit. Indoor hygrometer displays relative humidity from 25% to 95%. LCD indicates "wet" when humidity exceeds 65% and "dry" when under 45%. Indicates "comfort" when between 45%-65% and temperature is  $64^{\circ}$ - $72^{\circ}$  F.  $7\frac{1}{16} \times 3\frac{1}{8} \times \frac{3}{4}$ ". Requires 2 "AA" batteries. **63-844 29<sup>95</sup>**

# SUPER SELECTION OF POWER ADAPTERS



## Travel Helpers! Foreign AC Power Converters and Plug Adapters

**(1) Dual-Wattage Converter.** For use with foreign 240VAC power. Operates most 120VAC electronic and motorized appliances rated up to 50 watts, heating-type appliances rated up to 1600 watts. Use with recorders, radios, battery chargers, calculators, irons, handheld hair dryers, curling irons, bottle warmers, lens sterilizers, immersion heaters. 12½ oz. 3 x 2 x 2¼". 273-1410 ..... **33.95**

**1600-Watt Converter.** Operates most 120VAC heating-type appliances from 240VAC. For handheld hair dryers with universal (AC/DC) motors, irons, electric blankets, immersion heaters, incandescent lamps, bottle warmers. 3 oz. 3½ x 1⅞ x 1⅞". 273-1404 ..... **19.95**

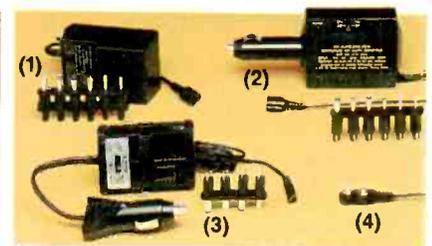
**1000-Watt Converter.** Same use as 273-1404, 1000-watt maximum. 3 oz. 3⅓ x 1½ x 1½". 273-1402 ..... **16.95**

**50-Watt Converter/Transformer for Electronic Equipment.** Converts 240VAC to 120VAC to operate most small recorders, radios, photoflashes, chargers, calculators. 9½ oz. 1½ x 2⅞ x 1¼". 273-1401 ..... **15.95**

**(2) Plug Adapters.** Connect converters, above, to almost any outlet, including recessed types. *Must be used with a converter.* 273-1405 ..... **Set of 4/7.95**

**(3) U.S.-Outlet Plug Adapter.** Connects dual-voltage appliances with European plugs to U.S.-type 120VAC power outlet. 273-1406 ..... **1.95**

**IMPORTANT NOTE!** These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, computers, hooded hair dryers, slide projectors or permanently installed equipment. NOT for continuous use. Will NOT work with DC (direct current). The 1600-watt and 1000-watt converters should NOT be used with transformer-operated equipment.



## Save Batteries! Use AC or Car DC to Operate Portables

**(1) Universal AC-to-DC Adapter.** Plugs into AC outlet. Selectable 3, 4.5, 6, 7.5, 9VDC output. With six AdaptaPlugs—connects to almost any DC input jack. UL listed. 273-1650 ..... **12.95**

**Six-Piece AdaptaPlug® Set.** 274-1501 ..... **7.29**

**(2) Universal DC-to-DC Adapter.** Plugs into vehicle lighter socket. Selectable 3, 4.5, 6, 7.5, 9VDC output. With six AdaptaPlugs. 270-1560 ..... **11.95**

**(3) Hi-Current DC Adapter.** Plugs into car lighter socket. 6, 9, 12VDC. 4 plugs. 270-1562 ..... **14.95**

**Right-Angle 6-Plug Set.** Set of coaxial-type power plugs. Fit Fig. 3. 270-1563 ..... **7.19**

**(4) 9V Battery Eliminator.** Plugs into AC outlet. Connector is a snap-type as on 9V rectangular batteries. UL listed AC. 273-1552 ..... **5.95**



## Special AC-to-DC Adapters

■ Include AdaptaPlugs to Fit Most Portables

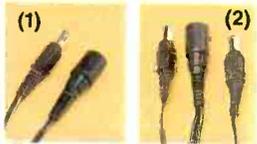
Adapt battery-powered portables with DC jack to operate on AC power. All plug into AC outlet and are UL listed.

**9VDC Adapter.** (Shown). Rated 500 mA output. Includes two AdaptaPlugs. 273-1651 ..... **10.95**

**12VDC Adapter.** Rated 500 mA output. Includes four AdaptaPlugs. 273-1652 ..... **10.95**

**High-Current 12VDC Adapter.** Delivers up to one amp. Includes three AdaptaPlugs. 273-1653 ..... **20.95**

**Personal Portable Adapter.** Hum-free circuit designed for personal stereos. Selectable 1.5 or 3VDC output. Delivers up to 300 mA. With two AdaptaPlugs. 273-1654 ..... **13.95**



## DC Extension Cable and Y-Adapter

**(1) 5-Ft. DC Extension Cable.** Fits most AC adapters. Coaxial jack at one end, coaxial plug at the other. Popular 5.5mm O.D., 2.1mm I.D. connector size. 273-1648, **3.99**

**(2) DC Power Y-Cable.** Lets you power two devices with one adapter. 273-1649 ..... **4.99**



## AC Adapters Designed for Use With Radio Shack Equipment

All have a body similar to the adapter pictured at left and plug into an AC outlet. UL listed.

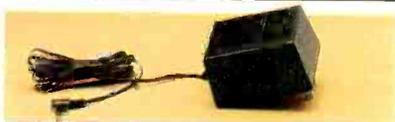
VDC	Output		Connector	Cat. No.	Each
	VDC	mA			
9	300		Coax Plug	273-1455	<b>7.95</b>
6	150		Coax Plug	273-1454	<b>7.95</b>
9	25		3/32" Plug	273-1431	<b>6.95</b>
3*	200		Coax Plug	273-1456	<b>6.95</b>
3	200		3/32" Plug	273-1435	<b>6.95</b>

\*For use with most STEREO-MATE® portables.



## Car/Boat DC-to-DC Adapter

Plugs into lighter socket. Provides 6 or 9VDC for powering many small portable electronic devices. 12VDC neg. gnd. 14-844 ..... **6.99**



## Hi-Current AC-to-DC Adapters

**6/7.5VDC, 700 mA Output.** For many LCD TVs, portable CDs, handheld computers. With two AdaptaPlugs. UL listed. 273-1655 ..... **16.95**

**9VDC, 800 mA Output.** For musical keyboards, CDs, video games. 5.5mm O.D., 2.1mm I.D. coax plug. UL listed. 273-1656 ..... **12.95**



## AC-to-AC Power Adapters

With 5.5mm O.D., 2.1mm I.D. coax plug. **For Phone Answerers.** Output: 13VAC, 800 mA. UL listed. 273-1610 ..... **8.95**

**For Nintendo™ Video Game.** Output: 9VAC, 1.3A. UL listed. 273-1611 ..... **15.95**  
Nintendo is a trademark of Nintendo of America, Inc.



## 120VAC-to-12VDC Power Supplies

■ Operate and Test Mobile Equipment Or Power Your Projects From AC

**Regulated 12VDC Supply.** Ideal for powering most mobile CBs, car stereos, radios and other 12VDC car accessories from AC. Useful in troubleshooting as well as powering electronics and science projects. Features push-to-reset circuit breaker, on/off switch, LED "on" indicator, massive heat sink for cool operation. Rated 2.5 amps continuous. 2¼ x 6¾ x 6¼". UL listed AC. 22-120 ..... **39.95**

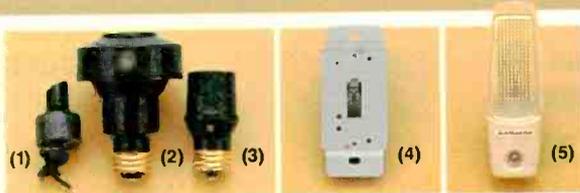
**12VDC Supply.** Same function as above, but has a nonregulated output and is rated 1.75 amps continuous. UL listed AC. 22-127 ..... **26.95**

# SAFER AND EASIER ELECTRICAL HOOKUPS



## Wireless AC Switch

So easy! Just plug receiver module into AC, then plug a TV, stereo, lamp or appliance into module. Turn device on/off with the remote. System handles 15-amp resistive load, 500 watts incandescent lamps, 400-watt TV. Remote requires 9V battery. 61-2667 ..... **21.95**



## Auto and Manual Light Controls

- (1) Automatic Controller for Outdoor Lamp Post. On at dusk, off at dawn. Fits 3/8" or 1/2" knockouts. 61-2777 ..... **7.49**
- (2) Automatic Outdoor. On at dusk, off at dawn. For incandescent bulb up to 150W. Fits PAR socket. 61-2775 ..... **9.95**
- (3) Automatic In/Outdoor. Fits most lamps and fixtures. Same rating as Fig. 2. 61-2776 ..... **7.95**
- (4) Manual Lighted Toggle Dimmer Switch. 61-2693 ..... **8.95**
- (5) Plug-In Automatic Night Light. Brightens as darkness increases. Shuts off at dawn. 61-2646 ..... **4.95**



Light Driveway or Entry Floodlights not incl.

## Outdoor IR Dual Floodlight

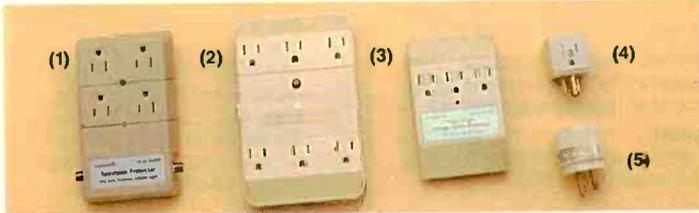
Turns lights on automatically when it detects body heat or motion. Dual floodlights surprise intruders and provide plenty of light for the safety of family and guests as they enter and leave home. Has sensitivity and range controls. Can be adjusted so lights remain on 15 minutes after activation. Perfect for mounting above garage, porch, entryway or on house corners. Weather-resistant. Mounts on a standard electrical box. Easy hookup. With instructions. (TSP available) 61-2603 **39<sup>95</sup>**



## Spike Protectors Shield Your Equipment From Electrical Damage

Momentary high-voltage "spikes" in the AC line can cause expensive damage to TVs, VCRs, stereos and other valuable devices. Because spikes occur often, almost all electronics are in danger. Our protectors reduce risk by absorbing spikes before they can cause damage.

Archer® spike protectors have features many other brands leave out: fuse protection in case of varistor failure, neon indicator that goes out when protection is gone, special tests for dielectric breakdown. Higher standards mean you get better protection with the Archer brand!



## Plug-In AC Voltage Spike Protectors

- (1) Double-Duty TV/VCR/FM Protector. Guards against surges on AC line and on 75-ohm antenna/cable-TV line. Rated 15A, 120VAC. 61-2787 ..... **29.95**
- (2) Cordless 6-Outlet. Breaker, noise filter. 13A, 120VAC. 61-2786 ..... **24.95**
- (3) Cordless 3-Outlet. Status light. Rated 15A, 120VAC. 61-2793 ..... **14.95**
- (4) Heavy Duty. Ideal for microwaves. 15A, 120VAC. 61-2792 ..... **9.95**
- (5) Single Outlet. Status light. Rated 15 amps at 120VAC. 61-2791 ..... **7.95**



## Power Strips With AC Spike Protection

- (1) Automatic Power Controller. Lets you power-up or turn off your entire audio/video system by turning one component on and off. Great for use with remote-control VCR, cable box, TV, CD player. Has one sensed, four switched, one unswitched outlets. Built-in spike protector, line-noise filter, circuit breaker. 15A total. (TSP available) 61-2781 ..... **49.95**
- (2) Six Outlets With Built-In Broadband Noise Filter. Has 0.1 to 100 MHz filter, lighted switch, breaker. 15A total. (TSP available) 61-2780 ..... **29.95**



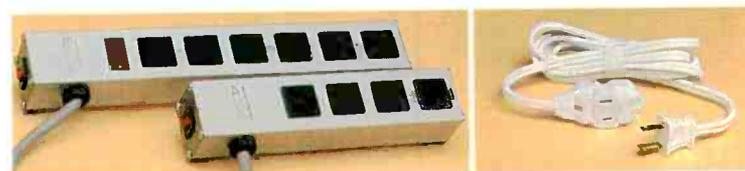
## Outlets, Plugs and Line Switch

- (1) Four-Outlet Adapter. For 2-prong outlet. 61-2621, 2.79
- (2) Six-Outlet Adapter. For 3-prong (grounded-type) AC outlets. Converts dual grounded outlet to six. 61-2622 ..... **4.19**
- (3) AC Quick-Plugs. 61-2702 ..... **Pkg. of 2/1.39**
- (4) Line-Cord On-Off Switch. Easy to install. Ideal for lamps and small fans. 61-2713 ..... **1.39**
- (5) Grounded Plug Adapters. 61-2720 ..... **Pkg. of 2/1.19**
- (6) Three-Outlet Cube Tap. With convenient wall-hugging "L"-shape. 61-2714 ..... **1.69**
- (7) Three-Outlet AC Socket. Converts one 3-prong outlet to three. 61-2705 ..... **2.39**



## Easy-to-Use AC Circuit and Outlet Testers

- (1) AC Voltage Sensor. Indicates presence of AC voltages from 70 to 440VAC without direct electrical connection. Easy and safe way to check for broken connections, blown fuses, defective grounds, more. With instructions and replaceable battery. 22-103 ..... **11.99**
- (2) Grounded Outlet Analyzer. Color-coded neon lamps indicate faults. 22-101 ..... **5.95**
- (3) Neon Circuit Tester. 90 to 300 volts AC/DC. 22-102 ..... **1.99**



## The Best in AC Power Strips—Compare Our Quality!

Heavy-gauge metal housings, industrial-type square outlets, 6-ft. cord with 3-prong plug. Six-Outlet. Lighted on/off switch, circuit breaker. Rated 15A. 61-2619 ..... **21.95**  
Four-Outlet. As above with four outlets and without switch. 61-2620 ..... **15.95**

## Quality Extension Cords and Remote On/Off Switch

Feet	Description	Cat. No.	Each	Feet	Description	Cat. No.	Each
6	White, 3-Outlet	61-2744	<b>1.89</b>	25	Brown, 1-Outlet	61-2759	<b>4.29</b>
6	Brown, 3-Outlet	61-2745	<b>1.89</b>	3	Grounded, 3-Outlet*	61-2764	<b>5.49</b>
9	White, 3-Outlet	61-2746	<b>2.29</b>	10	Grounded, 1-Outlet*	61-2749	<b>4.29</b>
9	Brown, 3-Outlet	61-2747	<b>2.29</b>	10	Grounded, 3-Outlet*	61-2765	<b>6.49</b>
15	Brown, 3-Outlet	61-2748	<b>3.29</b>	9	For Air Conditioner*	61-2758	<b>7.99</b>

Remote AC Power Switch. Lets you turn lamp, TV, stereo or appliance on/off from chair or bed up to 15 feet away. 61-2715, **7.29**

\*Heavy-duty type

# ARCHER® TOOLS MAKE EVERY JOB EASIER



## Electronic Tape Measure

**NEW!** Just aim at a wall or ceiling to measure distances. Readings are shown on LCD display in feet or meters. Uses ultrasonic sound waves to quickly and accurately measure straight lines, room volume and area. Three-key memory recalls stored figures for adding and subtracting measurements. Includes belt clip. 5 x 2 1/2 x 1". Requires 4 "AAA" batteries. **63-645 39<sup>95</sup>**



## Electronic STUDFINDER

No more guesswork! Measures changes in wall density to accurately locate wooden studs or metal frames. Finds exact center for secure hanging of shelves, clocks and pictures, even spots ceiling joists for hanging lights and fans. Locates pipes, wiring and conduit. Automatically recalibrates! Requires 9V battery. **64-2825 21<sup>95</sup>**



## Enervac® Cordless Vacuum Cleaner

Easiest way to keep equipment clean! Brush attachment vacuums dust and lint from work areas. Nozzle attachment reaches cracks. Goes anywhere and fits comfortably in your hand—only 9 1/4" long. Easy-to-clean filter. Sliding on/off switch. Requires 4 "AA" alkaline batteries. **61-2504 9<sup>95</sup>**



## Microscope and Magnifiers

- (1) **30-Power Lighted Hand Microscope.** Magnifier with 8X power, light, focus and case. Requires 2 "AA" batteries. **63-851 9<sup>95</sup>**  
 (2) **Lighted Magnifier.** Ideal for hobbyists. Dual magnification—powerful 2 3/4" lens and inset 1" lens. Requires 2 "AA" batteries. **63-848 5<sup>95</sup>**  
 (3) **Pocket Magnifier.** Just right for studying stamps, maps, schematics—hundreds of uses! Only 2 1/8" square. **63-852 1<sup>39</sup>**



## Multi-Tip Screwdriver

### Hardened Steel Tips

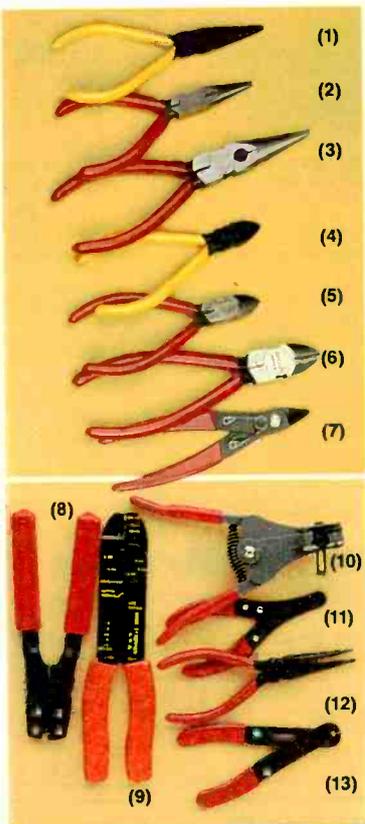
**NEW!** Includes eight popular sizes of regular, Phillips and torx tips that store in handle. Shank doubles as 1/4" nutdriver. With pliable, molded Power-Grip. **64-1970 9<sup>99</sup>**



## Screwdriver, Nutdriver, Crimping Tool Sets and Mini-Vise

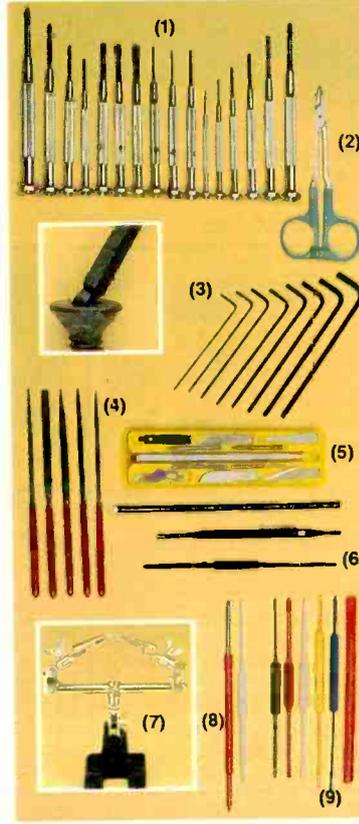
- (1) **Deluxe 7-Piece Screwdriver Set.** Includes 1/4 x 1 1/2" stubby, 1/8 x 1/4" midjet, 1/4 x 4 1/4" mechanics' screwdriver, 3/16 x 4" and 3/16 x 6" cabinet, #1-2 Phillips. **64-1823, 6.49**  
 (2) **Reversible Screwdriver.** Driver bar has a Phillips on one end and a standard head on the other. **64-1950, 2.99**  
 (3) **High-Impact 8-Piece Nutdriver Set.** Interchangeable. Tempered steel. Great for auto and home. 1/8", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". With case. **64-1800, 6.49**  
 (4) **Hex Key Set.** Has 18 steel hex-nut keys. Complete range of short and long arm sizes. **64-1849 3.29**  
 (5) **Nibbling Tool.** Neatly cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. **64-823 10.95**  
 (6) **Locking Long-Nose Pliers.** Doubles as a wrench. 6" long. **64-1864 5.99**  
 (7) **6" Locking SS Forceps.** **64-1866 4.95**  
 (8) **Strong Mini-Vise With Vacuum Base.** **64-2094, 4.49**  
 (9) **Deluxe Crimping Set.** With terminals. **64-409, 10.95**

# QUALITY WIRING TOOLS AND ACCESSORIES



## Hand Tools for Special Applications

- (1) Pro-Quality 5 1/4" Long-Nose Pliers. Spring-action. 64-1812, **6.99**
- (2) 4 3/4" Long-Nose Pliers. Insulated grips. 64-1843 ..... **4.49**
- (3) 6 1/2" Long-Nose Pliers. Insulated grips. 64-1844 ..... **3.49**
- (4) Pro-Quality 4 1/2" Diagonal Cutters. Spring-action. 64-1813, **5.99**
- (5) 4 1/2" Diagonal Cutters. Insulated grips. 64-1841 ..... **4.49**
- (6) 6" Diagonal Cutters. Comfortable, insulated grips. 64-1845, **3.49**
- (7) 5" Nippy Cutters. Flush-cutting. Spring-action. 64-1833 ..... **3.79**
- (8) Professional-Quality Phone Installation Tool. 64-410 ..... **7.79**
- (9) Crimping Tool. Strips/cuts 10 to 22-gauge wire. 64-404 ..... **5.79**
- (10) Pro-Quality Stripper. For 8 to 22-gauge wire. 64-1919 ..... **11.95**
- (11) "Dial" Wire Stripper. With insulated grips. 64-1952 ..... **4.29**
- (12) 4-In-1 Long-Nose Pliers. Built-in stripper, cutter, crimper and nut wrench. 64-1847 ..... **4.99**
- (13) Spring-Action Stripper/Cutter. 12 to 24-gauge. 64-2129 ..... **2.79**



## Precision Tool Sets and Instruments

- (1) Deluxe 16-Piece Precision Tool Set. With case. 64-1961 ..... **10.95**
- Precision Screwdrivers. For detail work. Size #1-6. 64-1948 ..... **4.29**
- Two Phillips and Four Standard-Head Screwdrivers. 64-1959, **4.29**
- Six Crosspoints. 64-1962 ... **4.29**
- Three Minidrivers. 64-1982, **1.49**
- (2) Straight 5" Stainless Steel Mini Forceps. 64-1910 ..... **1.79**
- (3) Eight-Piece Precision Ball-End Hexdrivers. Enter a hex screw at 25°. Sizes .05 to 9/32". 64-1815, **6.49**
- (4) Five-Piece Needle File Set. Use with hobby kits, models, PC boards and more. 64-1985 ..... **5.99**
- (5) Knife Set. Ten interchangeable steel blades. 64-1801 ..... **4.79**
- Multipurpose Hobby Knife. Surgically sharp. 64-1805 ..... **1.39**
- (6) Anti-Static Television Alignment Kit. 64-2230 ..... **4.39**
- (7) Project Holder. 64-2093 .. **8.19**
- (8) Two-Piece Television Color Alignment Kit. 64-2223 ..... **99¢**
- (9) Five-Piece Television Color Alignment Kit. 64-2220 ..... **2.99**



## Convenient "See-Thru" Hardware Handy-Paks <sup>129</sup> Each

Storage Box.  
8 1/2 x 4 3/4 x 1 1/2".  
64-552, **2.99**

Fig.	Description	Qty.	Cat. No.
1	Round-Head Machine Screws. 2-56	42	64-3010
	Machine Screws. 4-40	42	64-3011
	Machine Screws. 6-32	42	64-3012
2	Pan-Head Sheet Metal Screws. 5 ea.: #4 x 1/2", #6 and #8 x 1/4", 3/8", 1/2"	35	64-3016
3	Steel Machine Hex Nuts. 40 each: 2-56	40	64-3017
	Steel Machine Hex Nuts. 30 each: 4-40	30	64-3018
	Steel Machine Hex Nuts. 30 each: 6-32	30	64-3019
4	Flat Washers 20 ea. of #2, #4, #6, #8, #10	100	64-3022
5	Grommets. 7 ea.: 1/4", 3/8", 1/2". 5 ea.: 1/8", 1/2"	31	64-3025
6	Solderless Ring Tongue	24	64-3030
7	Solderless Spade Tongue	24	64-3031
8	Solderless Insulated Ring Tongue. 4 ea.: #6 (22-18), 2 ea.: #8 (22-18), #6 and #8 (16-14)	10	64-3032
	Solderless Insulated Spade Tongues	10	64-3033
10	Solderless #10 Spade Tongues. 12 each: (22-18), (16-14)	24	64-3034
	As above, but five each	10	64-3035
11	Male Quick-Disconnects	8	64-3038
	Female Quick-Disconnects	8	64-3039

Fig.	Description	Qty.	Cat. No.
13	Insulated Closed-End Connectors 5 ea.: (22-14), (16-10)	10	64-3041
14	Solderless Spade	10	64-3042
15	Solderless Flanged Spade	24	64-3043
16	Solderless Insulated Spade (22-14)	8	64-3044
17	Female Flag Quick-Disconnect	10	64-3046
18	Solderless Insulated M/F Q-Disc. (22-14)	8	64-3049
19	Single Female to Dual Male Quick-Disconnect 3 Right Angle, 3 Offset	6	64-3081
20	Control Nuts	23	64-3020
	Metric Control Nuts	20	64-3063
21	Aluminum Spacers	24	64-3024
22	Wire Connectors	16	64-3026
23	Polypropylene Cable Clamps	18	64-3028
24	Butt Connectors. 10 each: (22-18) and (16-14)	20	64-3036
25	Insulated Butt Connectors	10	64-3037
26	Insulated Large Ring Tongues	6	64-3040
27	Bullet Connectors, Insulated	9	64-3047



## Parts for Wiring

Fig.	Description	Cat. No.	Price
1	Insulation-Piercing Phone Spade Lugs	64-3070	<b>24/1.29</b>
2	Phone Butt Connector	64-3073	<b>24/1.29</b>
3	Standard Wire Staples	64-2875	<b>48/99</b>
4	Mini Wire Staples	64-2876	<b>50/99</b>
5	Phone/Alarm Wire Splice	64-3080	<b>4/1.69</b>
	Phone UG Tap Connector	64-3081	<b>4/1.69</b>

## Terminals & Connectors

Fig.	Description	Cat. No.	Price
7	Small Gold-Plated Terminals*	64-402	<b>8/4.69</b>
	Large Gold-Plated Terminals*	64-401	<b>8/5.19</b>
9	Solderless Crimp Lugs	64-406	<b>100/1.99</b>
	Insulated Crimp Lugs	64-407	<b>75/1.99</b>
	Antenna Lead Terminal	64-408	<b>12/1.29</b>
10	Gold Pin Connectors*	64-403	<b>4/3.29</b>
11	Wire Tap-Ins. 14-18 gauge	64-3052	<b>10/1.69</b>
12	Low-Voltage Tap-Ins. 18-22 gauge	64-3053	<b>7/1.69</b>

\*For use with MEGACABLE

# OUR BIG SELECTION OF SOLDERING IRONS



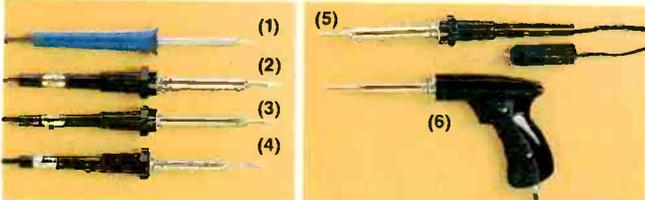
## Dual-Wattage Pencil Iron

Versatile! When you need more power, just flip the switch to go from 15 to 30 watts. 64-2055 ..... **9.49**  
 Replacement Tip. 64-2065 ..... **1.19**  
 Replacement Chisel Tip. 64-2056 ..... **1.19**



## Desoldering Iron

Desoldering made easy! One-hand operation. Includes vacuum bulb and replaceable tip. 8" long. 5-foot cord. 45 watts. 64-2060 ..... **8.49**  
 Replacement Tip. 64-2061 ..... **99c**  
 Heavy-Duty Desoldering Tip. 64-2062 ..... **1.99**



## Top-Quality AC and Mobile Soldering Irons

(1) 15-Watt Pencil. Grounded tip. Ideal for IC work. 64-2051 ..... **7.49**  
 Replacement Tip. 64-2052 ..... **99c**  
 (2) 40-Watt Pencil. Just right for larger jobs. Produces 600-640° F. Has 1/4" screw-in tip. Includes safety stand. 64-2071 ..... **7.49**  
 Replacement Tip. 64-2072 ..... **1.29**  
 (3) 25-Watt Pencil. Similar to Fig 2, but with 5/32" tip. 64-2070 ..... **6.49**  
 Replacement Tip. 64-2073 ..... **1.19**  
 (4) 30-Watt Pencil. Lightweight, cool-grip handle. 64-2067 ..... **4.79**  
 Replacement Tip. 64-2065 ..... **1.19**  
 (5) Mobile 30-Watt Pencil. 12VDC. Plugs into car lighter socket. Ideal for automotive accessory and stereo wiring jobs. 64-2105 ..... **5.79**  
 Replacement Tip. 64-2072 ..... **1.29**  
 (6) 30-Watt Cool-Grip Gun. Comfortable grip. 64-2066 ..... **5.49**  
 Replacement Tip. 64-2065 ..... **1.19**



## Build Your Own Iron

Select From These Quality Components

Fig.	Description	Cat. No.	Each
1	Cool-Grip Handle	64-2080	<b>6.49</b>
	Grounded Handle (CMC)	64-2077	<b>10.95</b>
2	700° F Heating Unit (23W)	64-2081	<b>5.99</b>
3	800° F Heating Unit (33W)	64-2082	<b>7.99</b>
	900° F (45W) (CMC)	64-2083	<b>10.95</b>
4	Iron-Clad Lt. Duty Tips (2)	64-2089	<b>4.99</b>
5	Surface-Mount Tips (2)(CMC)	64-2074	<b>4.99</b>
	Lt., Med., H-D Tips (3)	64-2084	<b>4.49</b>

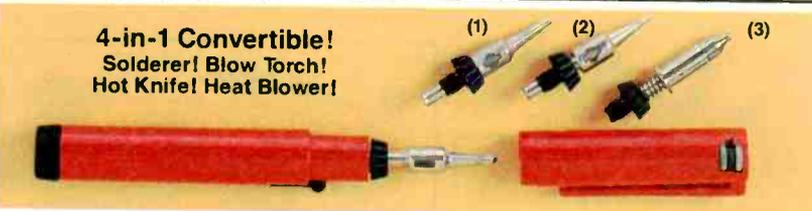
64-2077/2083/2074 are special order (CMC).



## 100-Watt Soldering Gun

What a value! Pull the trigger and the tip reaches full temperature in seconds. Built-in light illuminates work. 64-2193 ..... **11.95**

Extra Tips for Use With	Cat. No.	Pkg. of 2
Archer 64-2193/2192	64-239	<b>1.89</b>
Archer 64-2191	64-238	<b>1.89</b>
Weller D440, 8200 and Archer 64-2190	64-237	<b>1.89</b>
Weller D550	64-234	<b>1.89</b>



## 4-in-1 Convertible! Solderer! Blow Torch! Hot Knife! Heat Blower!

## Portable Gas-Powered Iron

Solder anywhere! Provides up to 60 minutes of heating and it refills in seconds with standard butane lighter fuel. Adjustable output, equivalent to 10-60 watts. 64-2161 ..... **31.95**  
 Replacement Solder Tips. Two sizes available. (1) 2.4mm, 64-2162 (CMC). (2) 1mm, 64-2163 ..... **Each 9.95**  
 (3) Heat Blower, 64-2169, (4) Hot Knife Tip, 64-2170, (5) Blow Torch Tip, 64-2168. Special order (CMC), **Ea. 9.95**



## 10-Piece Electronics Tool Kit

Includes 30-watt soldering iron, stand, solder, soldering helper, pliers, diagonal cutter, three screwdrivers and heat sink. 64-2801 ..... **16.95**



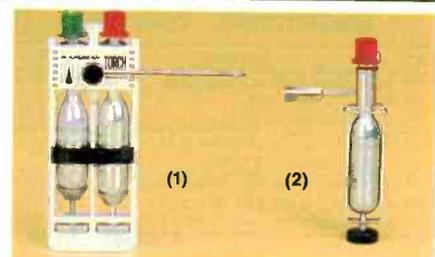
## Project Helpers! Soldering and Desoldering Accessories

Fig.	Description	Cat. No.	Each
1	Soldering Iron Holder/Cleaner	64-2078	<b>6.49</b>
2	Tip Tinner/Cleaner	64-020	<b>4.99</b>
3	Desoldering Bulb	64-2086	<b>2.69</b>
4	Desoldering Tool	64-2120	<b>6.95</b>
5	Vacuum Desoldering Tool	64-2098	<b>5.99</b>
6	Desoldering Braid	64-2090	<b>1.89</b>
7	4-Piece Set: Heat Sink, Brush/Scraper, Two Probes	64-2227	<b>4.19</b>
8	Straight Mini Forceps	64-1910	<b>1.79</b>



## 5-Piece Soldering Tool Set

Includes everything you need for basic soldering jobs. Iron, stand, rosin core solder, soldering helper, heat sink and instructions. 64-2802, **7.95**



## Pocket-Size Gas Torches

(1) Soldering/Brazing Torch. Our mighty midget produces up to 5000° F in an adjustable pinpoint flame. Includes one butane and two micronox cylinders, two tips, storage tray. 64-2165 ..... **25.95**  
 Extra Butane Cylinders. 64-2166, **Pkg. of 2/3.79**  
 Extra Micronox Cyl. 64-2167 ..... **Pkg. of 2/2.59**  
 (2) Butane Torch. Heats to 2500° F. Excellent for soldering, heating, removing paint. Includes one refill cylinder. 64-2164 ..... **11.95**

# SOLDER, ADHESIVES, CHEMICALS AND TAPE

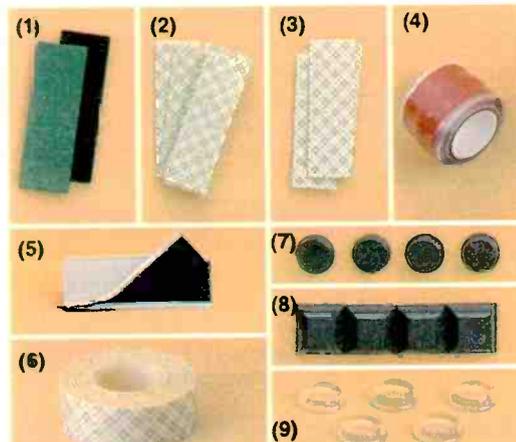


## We Have the Solder You Need

- (1) **Lead-Free Solder.** 96% tin/4% silver. 0.032" diameter size. 0.25 oz. 64-025 ..... 1.99  
 Above in 0.062" Size. 0.5 oz. 64-026 ..... 1.49  
 0.1 oz. 64-021 ..... 1.79  
 (2) **Rosin Soldering Flux.** 1 oz. 64-029, 2.59  
 (3) **Solder-Weld.** Silver-bearing paste. Use with lighter or iron. Ideal for RF hookups. 7.1 grams. 64-029, 2.59  
 (4) **Solder Tape.** Solder with a match! Great for outdoor hookups, antenna work. Pkg. of 100 strips. 64-010, 1.49  
 (5) **Rosin Core Solder.** Standard 60/40 formula.

Size	Amount	Cat. No.	Each
.062"	0.5 oz.	64-001	.89
.062"	1.5 oz.	64-002	1.49
.062"	4.0 oz.	64-004	3.49
.032"	2.5 oz.	64-005	3.19
.050"	1.5 oz.	64-006	2.29
.062"	8.0 oz.	64-007	5.99
.062"	1 lb.	64-008	8.99
.032"	8.0 oz.	64-009	6.49

- Silver Solder.** 62/36/2% formula. 0.022" size. 1.5 oz. 64-013 ..... 2.99  
**Hi-Tech Solder.** 63/37% formula. 0.050" size. 1.5 oz. 64-015 ..... 2.49



## Fasteners, Tape, Protective Feet

- (1) **Super-Lock Fasteners.** Five times the holding power of standard hook-and-loop fasteners. 1 x 3" strips. Two pairs. 64-2360 ..... 2.49  
 (2) **Two-Sided Tape.** 1 x 3" strips. 64-2344, Pkg. 8/1.99  
 (3) **Super-Mount™ Tape Strips.** Three times the holding power of std. foam tape! Four 1 x 3" strips. 64-2361, 1.99  
 (4) **Silicone Tape.** Easier-to-use substitute for heat shrink tubing and tape. 1" x 3-foot roll. 64-2336 ..... 1.99  
 (5) **Hook-and-Loop Fasteners.** Great for attaching accessories. 3" strips. Four pairs. 64-2345 ..... 2.19  
 (6) **Two-Sided Foam Tape.** Handy! 40" 64-2343 . . 1.89  
 (7) **Self-Sticking Cushion Feet.** Add to equipment bottom. Protects finish of furniture or shelf from scratching. 64-2346 ..... Pkg. of 12/99¢  
 (8) **Jumbo-Size Feet.** Square 3/4" stick-on cushions. 64-2342 ..... Pkg. of 8/1.49  
 (9) **Clear Feet.** Round plastic. 64-2365, Pkg. of 12/1.19



## Cleaning And Servicing Chemicals

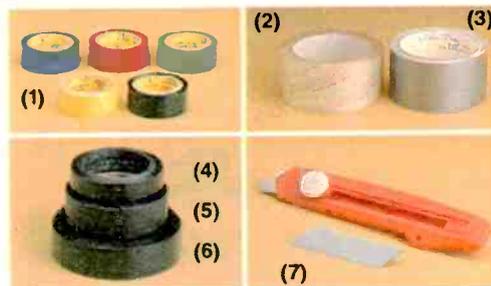
- (1) **Color-TV Tuner Cleaner.** Our special formula for color-TV mechanical tuners. 6 oz. 64-3320 ..... 4.99  
 (2) **TV Tuner Cleaner.** Cleans contacts in mechanical TV tuners. Also effective on "scratchy" volume and tone controls. 6 oz. 64-3315 ..... 3.99  
 (3) **Cleaner/Degreaser.** Sprays away dirt from circuits and components. 8 oz. 64-3322 ..... 4.99

- (4) **Dust Remover.** The easy, effective way to clean circuit boards, cameras, copiers and more. 6 oz. 64-3325 ..... 4.99  
 (5) **Component Cooler.** Spray on components to spot thermal defects. 6 oz. 64-3321 ..... 4.99  
 (6) **Rosin Flux Remover.** Removes soldering flux deposits from circuit boards. 6 oz. 64-3324 ..... 2.99



## Adhesives for Almost Every Job

- (1) **All-Purpose Adhesive.** Bonds wood, glass, china, metal, leather, paper. No-clog applicator. 1 1/4 oz. 64-2307 ..... 1.69  
 (2) **High-Tech Bonding Gel/Accelerator.** Bonds almost anything! With 1/2-oz. accelerator. 64-2306 ..... 5.99  
 (3) **Instant-Bonding Glue.** Bonds most nonporous materials in seconds. 0.11 oz. 64-2308 ..... 1.59  
 (4) **Twin-Tube Epoxy.** No mixing! Meters out correct ratio of resin and hardener simultaneously. 1 oz. net. wt. 64-2313 ..... 2.59  
 (5) **Silicone Rubber Sealant.** Bonds and caulks. Moisture resistant. Remains flexible. Big 3-oz. tube. 64-2314 ..... 2.99  
 (6) **Plastic Bonder.** Great for toy repair! 1 oz. 64-2305 ..... 3.69



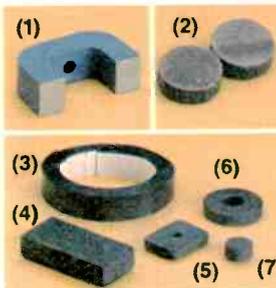
## Electrical, Packaging and Sealing Tape

- (1) **Electrical Tape Assortment.** Five 3/4" x 12-foot rolls. Five different colors—ideal for color-coding your hookups. 64-2340 ..... 2.29  
 (2) **Packaging Tape.** High-strength tape seals out moisture. Big 2" x 165-foot roll. 64-2339 ..... 2.49  
 (3) **All-Purpose Tape.** 2" x 30-foot roll. 64-2347 ..... 2.39  
 (4) **1/2" x 12 1/2-Foot Roll PVC Electrical Tape.** 64-2348 ..... 59¢  
 (5) **3/4" x 20-Foot Roll. PVC Electrical Tape.** 64-2349 ..... 89¢  
 (6) **3/4" x 66-Foot Roll. PVC Electrical Tape.** 64-2350 ..... 1.49  
 (7) **6" Utility Knife.** Many household and workbench uses. Snap off blade end for a fresh edge. 64-1868 ..... 1.39

### Lube Gel & Precision Oiler

■ Improved With Teflon™

(1) **Lube Gel.** Perfect for hinges, sliding doors, tools. 3-oz. 64-2326 ..... 2.49  
 (2) **Precision Lubricator.** Needle tip applicator. 3/4 oz. 64-2301 ..... 1.89



## Magnets & Magnet Tape

- (1) **Horseshoe Magnet.** Powerful 7 1/2-pound pull. 64-1887 ..... 7.99  
 (2) **Super-Strong Rare-Earth Magnet.** Only 1/4" diameter. 64-1895 ..... 1.49  
 (3) **Magnetic Tape.** Holds tools, more! Adhesive backed. 30" long. 64-1890 ..... 99¢  
 (4) **Hi-Energy Ceramic Magnet.** Amazing strength. 1 7/8 x 7/8 x 3/16". 64-1877 ..... 89¢  
**Ceramic Magnets** ..... Each 23¢
- | Fig | Type         | Cat. No. | 11-24 | 25-99 | 100-Up |
|-----|--------------|----------|-------|-------|--------|
| 5   | 1" Rectang.  | 64-1875  | 20¢   | 19¢   | 17¢    |
| 6   | 1 1/2" Round | 64-1885  | Each  | Each  | Each   |
| 7   | 1/2" Button  | 64-1880  | Each  | Each  | Each   |

# BRINGING YOU THE BEST AND BRIGHTEST



## Powerful Rechargeable Plug-In Safety Lantern

- Two Lights In One
- Swivel Head

It's a safety light that comes on automatically when AC fails. Remove it, and it becomes a powerful lantern. Charge lasts up to two hours. Stores in wall socket. Swivel head puts light where you need it. Built-in charger and nickel-cadmium batteries. **21<sup>95</sup>**

## Handheld Plug-In Rechargeable Flashlight

- Over an Hour of Light Per Charge

Always charged and ready to work anytime! It's a small, handheld flashlight that plugs directly into an AC outlet and comes on during a power failure. Built-in charger, nickel-cadmium batteries, retractable AC prongs. With wrist strap and belt clip for easy carrying. **14<sup>95</sup>**



## The Best! Brilliant Buys in Searchlights, Flashlights and Lanterns for Every Purpose

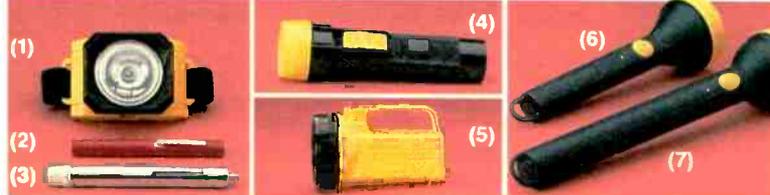
Fig.	Description	Batteries Required	Cat. No.	Each
1	Halogen Searchlight	12VDC Plug-In	61-2505	<b>29.95</b>
2	Krypton Enerlite® Flashlight	3 "D"	61-2537	<b>24.95</b>
3	Halogen-Bulb Flashlight	2 "D" Included	61-2737	<b>12.88</b>
4	"D" Cell with Krypton Bulb	2 "D"	61-2540	<b>4.99</b>
5	Aluminum Pocket Krypton Adjustable Focus Safety Lantern with Krypton Bulb	2 "AA"	61-2736	<b>9.95</b>
6		3 "D"	61-2541	<b>5.99</b>

Fig.	Description	Batteries Required	Cat. No.	Each
7	Penlite with Krypton Bulb	2 "AAA"	61-2536	<b>8.99</b>
8	Flasher with Krypton Bulb	4 "AA"	61-2535	<b>7.99</b>
9	3-in-1 Fluorescent Search/Area/Warning Lamp with 12VDC Cord	4 "D"	61-2739	<b>14.95</b>
10	Mini 2-in-1 Fluorescent Flashlight	3 "C"	61-2734	<b>7.95</b>
11	Rugged Halogen Lantern	4 "D"	61-2525	<b>9.99</b>



## Safety Wand Flashlight

**NEW!** Great for signaling or directing traffic. "Pop" cone off to use as flashlight. Requires 2 "D" batteries. **2<sup>99</sup>**



## Why Pay More? Sturdy and Durable Flashlights

Fig.	Description	Batteries Required	Cat. No.	Each
1	Hands-Free Headlight	2 "AA"	61-2510	<b>4.39</b>
2	Disposable Clip Light	Built-In	61-2625	<b>1.99</b>
3	Pocket Penlight	2 "AA"	61-2626	<b>2.39</b>
4	Heavy Duty "D" Cell	2 "D"	61-2639	<b>2.29</b>
...	Heavy Duty "C" Cell	2 "C"	61-2641	<b>2.29</b>
5	Lantern w/Krypton Bulb	6V Lantern	61-2521	<b>5.99</b>
6	Four-Cell Worklight	4 "C"	68-1040	<b>1.98</b>
7	Five-Cell Worklight	5 "D"	68-1022	<b>1.98</b>

## Pocket Penlight

With Batteries

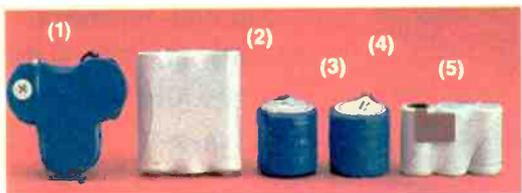


**NEW!**

Elegantly styled with 24-karat gold accents. Twist end to turn on/off. Includes 2 "AAAA" batteries. **14<sup>95</sup>**

Extra batteries available from CMC.

# RECHARGEABLE ENERCELL® BATTERIES



## Low-Cost Cordless Phone Batteries

Most-popular rechargeable battery packs. Why pay more for factory replacements?



Connector Plug

Fig.	Type	Volts	Ah	Connector	Cat. No.	Each
1	<b>NEW!</b> Pack	3.6	.280	B	23-192	<b>6.95</b>
2	<b>NEW!</b> Pack	3.6	.650	B	23-193	<b>9.95</b>
3	<b>NEW!</b> Pack	3.6	.280	A	23-194	<b>6.95</b>
4	<b>NEW!</b> Pack	3.6	.280	B	23-195	<b>6.95</b>
5	Pack	3.6	.250	Plate	23-172	<b>9.95</b>



## Replace-A-Cell™ Ni-Cd Batteries

For cordless devices. Solder tabs for easy hookup—make your own packs. Ask about our "Hotline" order service if you don't find the exact battery you need.

Fig.	Type	Volts	Ah	Cat. No.	Price
1	"AA"	1.25	0.650	23-191	<b>Pkg. of 2/4.79</b>
2	Pack	3.75	0.500	23-170	<b>8.95</b>
3	Pack	4.80	0.250	23-173	<b>11.95</b>
4	Pack	3.60	0.250	23-176	<b>9.95</b>
5	Pack	3.60	0.280	23-177	<b>5.95</b>
6	Pack	3.60	0.280	23-171	<b>5.95</b>
7	Sub "C"	1.25	1.600	23-190	<b>Pkg. of 2/6.79</b>

## HI-CAPACITY™ Ni-Cds

Heavy-duty rechargeable batteries for high-current drain equipment such as cordless tools. Designed to last longer than regular nickel-cadmium batteries between charges.

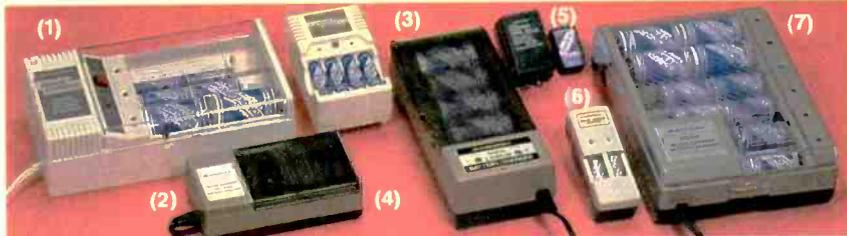
Cell Type	Volts	Ampere Hours	Cat. No.	Each
"D"	1.25	4.3	23-140	<b>7.95</b>
"C"	1.25	2.0	23-141	<b>5.95</b>



## Nickel-Cadmium Batteries — Use Them Over and Over Again

ENERCELL batteries recharge to their full strength for just pennies a charge—they actually cost much less in the long run! See table below for our great selection of nickel-cadmium battery chargers.

Cell Type	Volts	Amp Hour	Replacement for			Cat. No.	Price
			Duracell	Eveready	GE		
"D"	1.25	1.600	NC13	CH50	GC3	23-123	<b>Pkg. of 2/6.79</b>
"C"	1.25	1.600	NC14	CH35	GC2	23-124	<b>Pkg. of 2/6.79</b>
9V	7.2	0.065	NC1604	CH22	GC9	23-126	<b>Each/9.95</b>
"AA"	1.25	0.650	NC15	CH15	GC1	23-125	<b>Pkg. of 2/4.69</b>
"AAA"	1.25	0.180	NC24	CH*2	...	23-127	<b>Pkg. of 2/5.39</b>
"N"	1.25	0.150	...	...	...	23-121	<b>Pkg. of 2/5.39</b>



## Battery Chargers to Fit Any Budget or Application

Fig.	Charger Type	Cell Type	Qty Charged (Except 9V)	Charge Time (Hours)	Cat. No.	Price
1	Quick Charger	"D", "C", "AA", "AAA", 9V	6	5	23-233	<b>26.95</b>
2	"AA"/"AAA"	"AA", "AAA"	6	14-16	23-136	<b>11.95</b>
3	Deluxe "AA"	"AA"	4	2	23-234	<b>14.95</b>
4	Standard	"D", "C", "AA", "AAA", "N", 9V	4*	14-16	23-132	<b>12.95</b>
5	Transistor	9V	1	14-16	23-131	<b>4.29</b>
6	Standard "AA"	"AA"	4	14-16	23-133	<b>5.95</b>
7	Deluxe	"D", "C", "AA", "AAA", "N", 9V	10*	14-16	23-134	<b>29.95</b>

\* These chargers require Modules below to charge "N" and "AAA" cells.

"AAA" Module. 23-135 ..... **Pkg. of 4/1.95** "N" Module 23-137 ..... **Pkg. of 4/1.95**



## Radio Control Racing Batteries and Archer® Chargers

(1) **Battery Pack Charger.** Recharges 7.2V Ni-Cd racing pack in four to five hours. UL listed AC. **23-231** **9.95**

(2) **Rechargeable 7.2V RC Ni-Cd Battery Pack.** Six-cell construction is lightweight—only 320 grams. **23-230** **19.95**

(3) **Portable DC Fast-Charger.** Connects to 12VDC automotive battery. Recharges 7.2V Ni-Cd pack in 20 minutes! **29.95**

(4) **ENERCELL 9.6V Ni-Cd Turbo Racing Battery Pack.** Juice up for hard racing power. Six-cell short pack rated 9.6 volts at 600mAh. **23-229** **17.95**

(5) **Portable AC/DC Fast-Charger.** Use standard 120V house current or 12VDC car or truck battery to charge 7.2 or 8.4-volt RC Ni-Cd battery pack. Recharges battery to full power in 30 minutes or less. **69.95**

# OUR LONG-LASTING ENERCELL® BATTERIES



## Premium ENERCELL Super Alkalines

- Higher Output Even at Low Temperatures ■ Long Storage Life

ENER CELL	Replacement for			Cat. No.	Price
	Duracell	Eveready	Ray-O-Vac		
"D"	MIN1300	E95	813	23-550	Pkg. of 2/2.59
"C"	MIN1400	E93	814	23-551	Pkg. of 2/2.59
9V Rect.	MIN1604	S22	A-1604	23-553	Each 1.89
"AA"	MIN1500	E91	815	23-552	Pkg. of 4/2.89
"AAA"	MIN2400	E92	824	23-555	Pkg. of 2/1.59
"N"	MIN9100	E90	81C	23-023	Pkg. of 2/1.59



## Battery Checker

Know the true condition of your batteries. This meter shows you when it's time to replace "D", "C", "AA", "AAA", "N" and 9V rectangular batteries. Tests standard, alkaline, mercury, 695 charged Ni-Cds. 22-096



## Get Your FREE Battery Card Up to \$7.08 Value!

Join our Battery-A-Month Club and receive one General-Purpose "D", "C", "AA" or 9V ENERCELL each month for a year. Nothing to buy—it's just our way of encouraging you to visit Radio Shack! At participating Radio Shack stores and dealers. 6V lantern battery excluded.



## Our "Hotline" Service for Special Batteries

Radio Shack can supply almost every consumer-type battery—for cordless phones, computer memory, camcorders, walkie-talkies, pagers and more. We send your order from our main warehouse to the Radio Shack near you. No postage charge for this service!



## Special-Formula ENERCELL Extra-Life Heavy-Duty Batteries

- "Miracle-Seal" Leak Protection
- Up to Three Years Storage Life
- High Output at Low Temperatures

A specially processed electrolyte core provides longer service life.

ENER CELL	Replacement for			Each
	Eveready	Ray-O-Vac	Cat. No.	
"D"	1250	6D	23-580	.59
6V Lant.	1209	944	23-016	3.99
9V Rect.	1222	D1604	23-583	.99
"C"	1235	4C	23-581	.59
"N"	...	810	23-585	.35
"AAA"	912	400	23-584	.39
"AA"	1215	5AA	23-582	.39

## Economical ENERCELL General-Purpose Standard Batteries

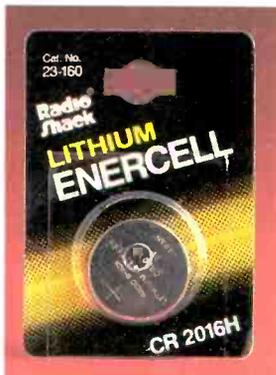
- One of America's Favorites
- Cost Much Less Than Most Brands
- Fresh! We Sell Millions Every Year

Because we sell so many, so quickly, they are always fresh when you buy them. Compare our quality and prices!

ENER CELL	Replacement for			Each
	Eveready	Ray-O-Vac	Cat. No.	
"D"	950	13	23-466	.37
6V Lant.	509	941	23-006	2.99
9V Rect.	216	1604	23-464	.59
"C"	935	14	23-467	.37
"AA"	915	15	23-468	.29

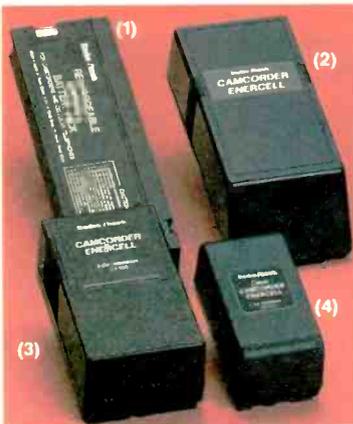
## ENERCELL Lithium Batteries

- Actually Outperform Alkalines
- For Many Watches and Calculators
- High Energy ■ Long Service Life
- Superior Leakage Resistance



ENER CELL	Replaces			Cat. No.	Each
	Duracell	Eveready	Ray-O-Vac		
CR2016H	DL2016	ECR2016	BR2016	23-160	1.99
CR2025	DL2025	ECR2025	BR2025	23-161	1.99
CR2032	DL2032	ECR2032	BR2032	23-162	1.99
CR2430	DL2430	...	...	23-166	1.99
CR1616	...	ECR1616	...	23-167	1.99
BR2325	...	...	...	23-168	1.99

# WE SELL OVER 100 MILLION EVERY YEAR!



## Rechargeable Battery Packs For Camcorders and Phones

Top-quality rechargeable nickel-cadmium battery packs for many video camcorders and transportable cellular telephones.

(1) **NEW!** 12-Volt. For use with Tandy Cellular Transportable Phone CT-1033 and many camcorders. 12V, 2300mAh. 23-187 ..... **39.95**  
UL Listed AC Charger for Above. 17-610 (CMC), **54.95**

(2) For VHS. For Radio Shack Model 100 MovieCorder and many other popular camcorders. 12V, 1500mAh. 23-183 ..... **39.95**

(3) For VHS. For Radio Shack Models 101/125 and many others. 9.6V, 1500mAh. 23-186, **39.95**

(4) For 8mm. For many popular 8mm camcorders. 6V, 1500mAh. 23-184 ..... **19.95**



## Photography Batteries

We stock many of those hard-to-find batteries for cameras and other equipment.

Fig.	ENER CELL	Replacement for			Cat. No.	Each
		Dura cell	Ever eady	Pana sonic		
1	BRP2	...	...	BPR2	23-175	12.95
2	DL123	DL123	...	CR123	23-155	7.95
3	2CR5	DL245	EL2CR5BP	2CR5	23-178	12.95
4	DL223	DL223	EL223ABP	CRP2	23-179	12.95
5	7K67	7K67	539	...	23-471	3.99



## ENERCELL Long-Life Hearing Aid Batteries



■ We Have All the Popular Sizes

**1.45V Air-Activated Packs.** Lightweight, yet have about twice the capacity of other types.

**1.4V Mercury Packs.** Don't miss a word just because of a bad battery. We have the replacement you need.

ENER CELL	Replacement for			Cat. No.	Pkg. of 3
	Dura cell	Ever eady	Ray-O Vac		
675HPX	DA675	AC675E	R675ZA	23-157	2.39
13HPX	DA13	AC13E	R13ZA	23-158	2.39
312HP	DA312	AC312E	R312ZA	23-159	2.39

ENER CELL	Replacement for			Cat. No.	Pkg. of 6
	Dura cell	Ever eady	Ray-O Vac		
P675M	EP675	EP675	MP675H	23-145	2.79
13M	E13E	R13	RM13	23-146	2.79
312M	E312E	T312	RM312H	23-148	2.79

## Radio Shack Stocks These Hard-to-Find Batteries

Fig.	Volts	Replacement for			Cat. No.	Price
		Dura cell	Ever eady	Ray-O Vac		
1	12.0	M926	732	926	23-007	11.95
2	12.6	304116	304116	...	23-670	13.99
3	6.0	...	...	...	23-181	10.95
4	1.4	RM640	E640	T640-1	23-1515	2.79
5	1.35	RM625	EPX625	T625N	23-462	2.39
6	1.45	DA675	AC675	R675ZA	23-150	2/1.69

Fig.	Volts	Replacement for			Cat. No.	Each
		Dura cell	Ever eady	Ray-O Vac		
7	5.6	PX32B	E164	...	23-463	6.95
8	22.5	M505	505	221	23-510	5.59
9	7.0	TR175B	E175	T175	23-601	5.89
10	1.4	MP401B	E401	T401	23-660	2.99
11	12.0	...	...	...	23-144	1.39
12	6.0	PX28L	A544	RPX28	23-469	3.99
13	1.4	DA-630	...	...	23-1501	4/5.49

\*Rechargeable 2.5 Ah



## ENERCELL Watch and Calculator Batteries

ENER CELL	Replacement for				Cat. No.	Price
	Duracell	Eveready	Ray-O-Vac	Other		
76	D357	EPX76	RW22/42	G13, 541	23-006	1.99
389	D389	389	389-1W	G10, V10GS	23-101	1.29
392	D392	392	392-1W	G3, 547	23-102	1.29
393	D393	393	393-1W	G5, 546	23-103	1.49
303	D303	303	303-1W	GS14, 521	23-104	1.99
357	D357	357	357-1W	G13, 541	23-105	1.99
386	D386	386	386-1W	G12, 548	23-106	1.49
391	D391	391	391-1W	G8, V8GS	23-107	1.29
343	D343	343	343-1W	Type B, 509	23-108	1.29
362	D362	362	362-1W	Type S, 532, SR721	23-110	1.29
364	D364	364	364-1W	Type T, 531, SR621	23-111	1.29
396	D396	396	396-1W	Type V, 556, SR726	23-112	1.29
399	D399	399	399-1W	Type W, 543, SR926	23-113	1.29
390	D390	390	390-1W	603, 534, SR1130	23-201	1.29
329	...	329	329-1W	24, 525	23-202	1.49
371	D371	371	...	SR920, 30, 537	23-203	1.29
377	D377	377	377-1W	SR626, 37	23-204	1.29
384	D384	384	384-1W	SR41, 10, 527	23-205	1.29
395	D395	395	395-1W	SR926, 25, 523	23-206	1.29
397	D397	397	397-1W	SR726, 26, 536	23-207	1.29
319	D319	319	...	SR527SW, 615, 8067	23-208	1.99
379	D379	379	379-1W	SR521SW, 8073	23-209	1.99
675B2	MP675	EP675	RP675	8107, M13	23-1521	Pkg. of 2/1.49



## ENERCELL Alkalines for Calculators and Games

Greatly outperform standard carbon-zinc batteries—even under high-current-drain conditions. Stock up at our low prices!

ENER CELL	Replaces			Cat. No.	Each
	Dura cell	Ever eady	Maxell		
357A	...	A76	LR44	23-115	1.19
386A	D186AB	186	LR43	23-116	1.19
389A	D189AB	189	LR1130	23-117	1.19
391A	D191AB	191	LR1120	23-118	1.19

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every ENERCELL is fresh when you buy it. ENERCELL was rated best by a respected magazine. It's the only brand we know of you can try for **FREE!** See Battery Card offer on page 136.

# MULTITESTERS, AC AMMETER & TEST LEADS



## 10-Megohm FET Input

**10-Meg Input.** Works like a VTVM. 5" scale, continuity sounder. Measures to 1000 VDC (7 ranges) and 1000 VAC, 10 amps DC, 100 megohms, -20 to +62 dB (5 ranges, each). Fuse protected. 7<sup>1</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>2</sub> x 2<sup>3</sup>/<sub>4</sub>". Requires 9V and "C" batts. 22-220 **49<sup>95</sup>**



## Range Doubler

**Extra V/A Ranges.** 50,000 Ω/volt. 125 mV, 25 μA ranges. Cont. sounder. Measures to 1000 VDC (12 ranges), 1000 VAC, -20 to +62 db (8 ranges each), 10A DC (10 ranges), 20 megs (4 rgs.). 6<sup>1</sup>/<sub>16</sub> x 4<sup>7</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub>". Requires 9V and "AA" batts. 22-214 **39<sup>95</sup>**



## Folds Up for Travel

**20,000 Ohms/Volt.** Shunt protected when shut. Display angle adjusts. Measures to 1200 VDC (7 ranges), 1200 VAC, -20 to +62 dB (5 ranges each), 300 mA DC (4 ranges), 2 megohms (4 rgs.). Open: 7<sup>1</sup>/<sub>16</sub> x 4<sup>5</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires "AA" battery. 22-211 **29<sup>95</sup>**



## Clamp-On AC Ammeter

**Great for Testing HVAC.** Measures up to 300 amps AC without direct hookup (5 ranges). Measures up to 600 volts AC with its probes (2 rgs.). Lockable pointer lets you remove meter for easy reading. Includes inductive pickup/multiplier. 4 x 2 x 3<sup>1</sup>/<sub>8</sub>". 22-161 **49<sup>95</sup>**

## Reliable Multitesters and Battery Tester



**(1) 18-Range Compact.** 20,000 ohms-per-volt DC sensitivity. 3" meter with mirrored scale. Measures to 1000 VAC in five ranges, 1000 VAC in four ranges, 250 mA DC current in two ranges, 2 megohms resistance in three ranges. 5<sup>1</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>2</sub> x 1<sup>7</sup>/<sub>16</sub>". Requires "AA" battery. 22-201 **19<sup>95</sup>**

**(2) Pocket-Size.** One of America's most popular testers! 2000 Ω/volt DC sensitivity. Measures to 1000 volts AC/DC in six ranges, 150 mA DC current and 100,000 ohms resistance. 3<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>4</sub> x 1<sup>7</sup>/<sub>16</sub>". Requires "AA" battery. 22-212 **12<sup>95</sup>**

**(3) Deluxe Electronics Battery Tester.** Accurate! Tests under load condition. For carbon-zinc, alkaline, mercury, silver-oxide, lithium, nickel-cadmiums. Ranges: 1.5 volts (1/50/150 mA), 3, 6, 9, 12, and 22.5 volts. 1<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>4</sub>". For battery tests only. 22-032 **12<sup>95</sup>**

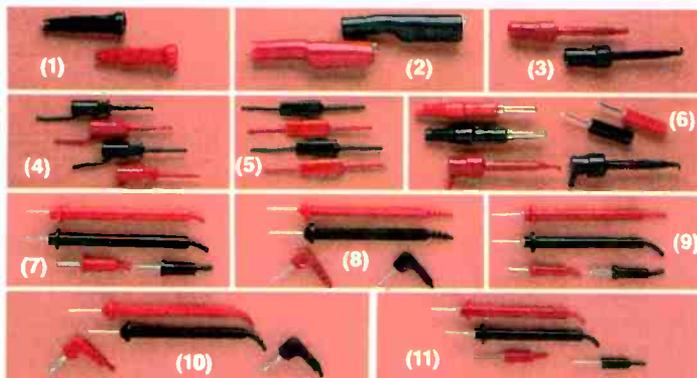


## Tester Companions

**Soft Carrying Case.** Perfect for larger testers. Provides plenty of room for tester, leads, manual, extra fuses and batteries. 22-149 ..... **7.95**

**Using Your Meter.** The "whats, whys and hows" of testing. Helps you get the most from your meter. 128 pages. 62-2039 ..... **4.95**

## Test Leads, Probe Adapters and Jumpers



- (1) NEW! Wire-Piercing Probe Adapters.** Fast "no cut" measurements! Slip over probe tips. Extra-sharp recessed tip pierces insulation to make contact with wire. 278-715 ..... **Pair/2.99**
- (2) 'Gator Clip Adapters.** Slip over probe tips. 270-354 ..... **Pair/1.99**
- (3) Mini-Hook Adapters.** Slip over probe tips. 270-334 ..... **Pair/2.59**
- (4) Mini-Clip Jumper Wires.** 20" long. 278-016 ..... **Pair/3.99**
- (5) Micro-Clip Jumper Wires.** 20" long. 278-017 ..... **Pair/3.49**
- (6) Mini-Clip Test Leads.** 48" long. Mini clip at one end. Banana plug at the other end. Includes pin-tip plug adapters. 278-1160 ..... **Pair/4.19**
- (7) Colled 6-Foot Banana-Plug Test Leads.** 278-750 ..... **Pair/4.99**
- (8) Test Leads With 90° Pin Tips.** 36" long. 278-712 ..... **Pair/2.49**
- (9) Banana-Plug Test Leads.** 36" long. 278-704 ..... **Pair/3.19**
- (10) Leads With 90° Banana Plugs.** 36" long. 278-713 ..... **Pair/3.19**
- (11) Pin-Tip Leads.** 36" long. 278-705 ..... **Pair/1.99**

# MICRONTA® LCD-DIGITAL MULTIMETERS



## The Meter That Speaks!

**Speech Output.** Press a button on the probe and this meter calls out the reading in clear English while displaying it. Features full autoranging and autopolarity for easy operation, continuity sounder, diode-check function for checking semiconductor junctions, LCD display with low-battery indicator. Measures to 1000 VDC, 750 VAC, 300 mA DC and 30 megohms. Fold-out stand doubles as a hanger. 6<sup>13</sup>/<sub>16</sub> x 3<sup>5</sup>/<sub>32</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 4 "AA" batteries. **99<sup>95</sup>**  
22-164 ..... Low As \$15 Per Month

## Capacitance and hFE

**30 Ranges. Capacitance and Transistor Gain Functions.** 10 megohm input. Front-panel transistor and capacitor sockets with special low-resistance contacts. Continuity sounder, diode-check function. Measures to 1000 VDC, 750 VAC, (4 ranges each), 10 amps AC/DC (4 ranges each), 20 megohms (6 ranges), 20 µF capacitance (5 ranges) and NPN/PNP transistor hFE. Fold-out stand doubles as hanger. 7<sup>1</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>16</sub>". Requires 9V battery. **79<sup>95</sup>**  
22-194

## Auto-Shutoff and Holster

**NEW!** Data Hold, Expanded Current Ranges and 33-Dot Analog Bar Graph. Rubber holster helps reduce chance of accidental damage. Autoranging operation with manual override, high-speed sampling. Handy 200 µA low-current range and continuity sounder, fold-out stand/hanger. Measures to 1000 VDC, 700 VAC, 10A AC/DC, 30 megohms. 7<sup>1</sup>/<sub>2</sub> x 3<sup>5</sup>/<sub>8</sub> x 1<sup>5</sup>/<sub>8</sub>" (in holster). Requires 2 "AA" batteries. **69<sup>95</sup>**  
22-167

## Autoranging/Data Hold

**NEW!** Autoranging/Manual Override and 31-Dot Analog Bar Graph. Data hold instantly freezes display. Fast-response bar graph is excellent for critical "peaking" and "dipping" circuit adjustments. Features easy-to-read 1/2" digits, autopolarity, continuity sounder, diode-check function. Measures to 1000 VDC, 750 VAC, 10A AC/DC, 30 megohms. Fold-out stand/hanger. 6<sup>7</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>2</sub>". Requires 4 "AA" batteries. **69<sup>95</sup>**  
22-186



(1)

(2)

(3)

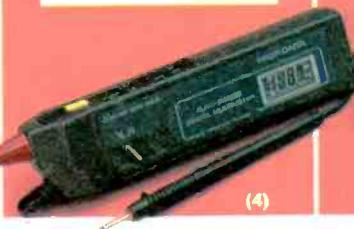
## Precision, Compact Digital Multimeters

**NEW!** (1) **Autoranging/Manual.** Has full autopolarity, over-range and low-battery indicators, diode-check function and continuity sounder. Measures to 1000 volts DC, 750 volts AC, 10A AC/DC current and 2 megohms resistance. Fused/overload protected. Fold-out stand/hanger. 6<sup>13</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 4 "AA" batteries. **59<sup>95</sup>**  
22-184

(2) **23-Range.** Has 10-meg input, autopolarity, diode-check function, continuity sounder, over-range and low-battery indicators. Measures to 1000 VDC (5 ranges), 750 VAC (4 ranges), 10 amps AC/DC (4 ranges each), 30 megohms (6 ranges). Stand/hanger. 6<sup>1</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 4 "AA" batteries. **59<sup>95</sup>**  
22-185

(3) **Autoranging and Autopolarity.** So easy to use. You select the function and the meter sets range automatically. Has 10-megohm input and diode-check mode for testing semiconductor junctions. Measures to 1000 VDC, 500 VAC, 200 mA DC and 2 megohms. 4<sup>7</sup>/<sub>8</sub> x 2<sup>13</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 2 "AA" batteries. **36<sup>95</sup>**  
22-188

Rugged, Reliable  
Digital Testers You  
Can Take Anywhere!



(5)

(4)

(6)

## Pocket-Size Testers With Autoranging

(4) **Probe-Style With Data Hold.** There's nothing better for use in tight spaces. Data-hold button freezes the display and lets you remove this tester for easier reading. Features full autopolarity, continuity sounder, low-battery indicator. Measures to 400 volts AC/DC and resistance. Overload protected. 1<sup>3</sup>/<sub>16</sub> x 6<sup>3</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>4</sub>". Includes batteries and carrying case. **39<sup>95</sup>**  
22-165

**NEW!** (5) **Autoranging With Manual Override.** Fits a shirt pocket. Features recessed controls, continuity sounder, low-battery and over-range indicators. Overload protected. Measures to 400 volts AC/DC, resistance. 4<sup>1</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>8</sub>". With vinyl case and batteries. **27<sup>95</sup>**  
22-169

(6) **Shirt Pocket-Size With Autoranging.** Take it along! This meter folds, with its probes and case, to easily fit a shirt pocket. Easy-to-read LCD display, continuity sounder. Measures to 400 volts AC/DC, 2 megohms resistance. With vinyl case and batteries. 4<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>8</sub> x 5<sup>1</sup>/<sub>16</sub>". Was \$27.95 in 1991 Catalog. **24<sup>95</sup>**  
22-171

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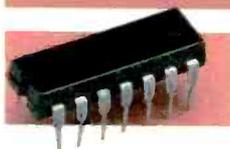
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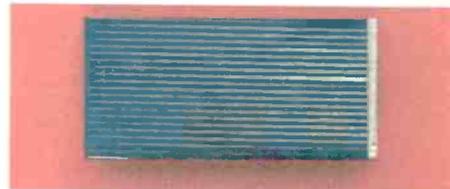
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- TLC555.** Low-power CMOS timer with 555 pinout. Operates to 2 MHz. 8-pin DIP. 276-1718 ..... 1.39
- 555 Timer IC.** 8-pin DIP. 276-1723 ..... 1.19
- 556 Dual Timer IC.** 14-pin DIP. 276-1728 ..... 1.49
- LM386 Audio Amp IC.** Low-distortion, 400-milliwatt output for 8-ohm load. 4-12 VDC. 8-pin DIP. 276-1731 .... 1.09
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- LM3909 LED Flasher.** 8-pin DIP. 276-1705 ..... 1.69
- MC1488 RS232 Quad Line Driver.** Connect computer terminals and remote peripherals. 14-pin DIP with data. 276-2520 ..... 1.29
- MC1489 RS232 Quad Line Receiver.** Provides level translation, multiple outputs. 14-pin DIP with data information. For use with MC1488 quad line driver above. 276-2521 ..... 1.29



## Mini Audio Amplifier/Speaker

Super test amp. It's also ideal for computer voice/music uses, phone amp, projects and much more. High-gain IC circuit. 1/8" earphone and input jacks. 3 3/16 x 1 3/4". Requires 9V battery. 277-1008 **11<sup>95</sup>**



## Harness the Sun! Silicon Solar Cell

First quality! Efficient 2 x 4 cm cell delivers about 0.3 amp at 0.55VDC in full sunlight. Use several to charge batteries or power projects. 276-124 **3<sup>95</sup>**

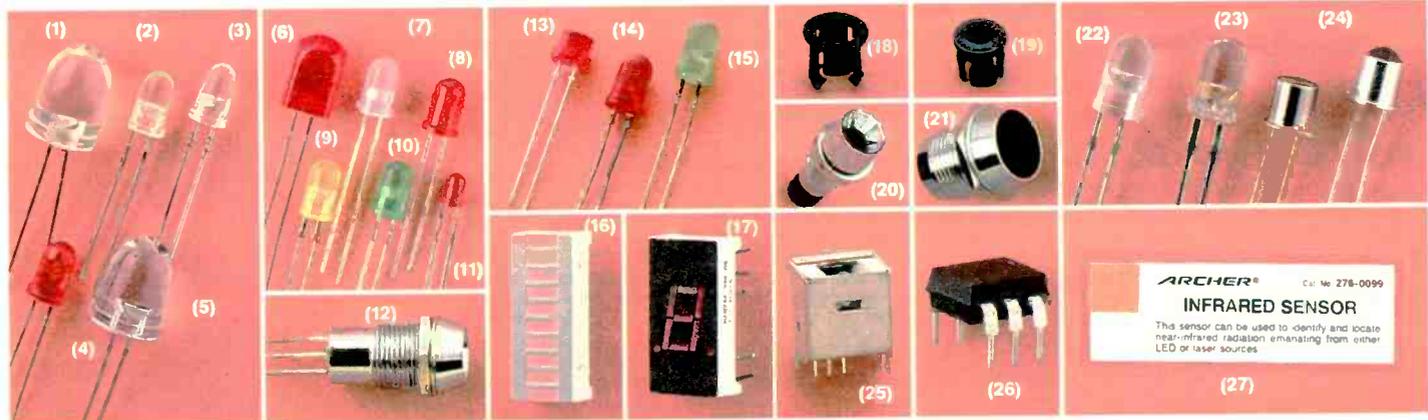


## Solar Energy Science Project Set

■ Ideal for Models

Great for science class, scouts or building projects. Includes solar cell prewired to DC motor, color wheels, propeller and informative data booklet. 277-1201 **10<sup>95</sup>**

# BREADBOARDS AND OPTOELECTRONICS



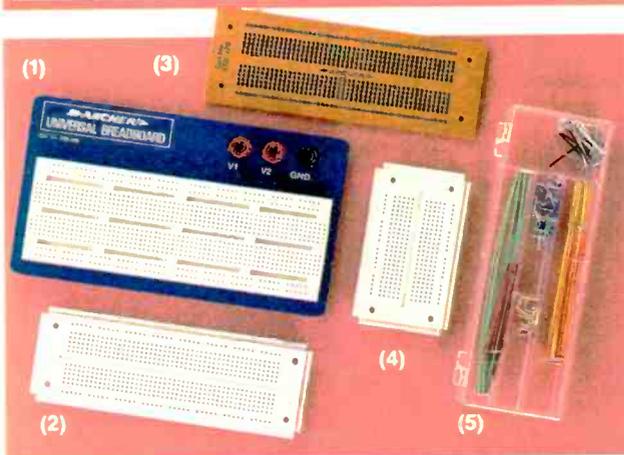
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 (2) 2000 mcd. Brilliant! 20 mA at 1.85VDC. 276-087 ..... 1.69  
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 (5) Blinking. 10 mm GaAlAs device. 1200 mcd. 276-020, 3.99  
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 (7) Dual-Color. 276-012 .. 1.19  
 (8) Jumbo Reds. Great for most projects. T-1 $\frac{3}{4}$  type case. 276-041 ..... Pkg. of 2/69¢  
 (9) Jumbo Yellows. T-1 $\frac{3}{4}$  size. 276-021 ..... Pkg. of 2/79¢  
 (10) Jumbo Greens. T-1 $\frac{3}{4}$  size. 276-022 ..... Pkg. of 2/79¢  
 (11) Mini Reds. 276-026, 2/69¢  
 (12) Red/Green. 276-025, 1.49  
 (13) TLR-107 Brilliant Reds. 276-033 ..... Pkg. of 2/89¢  
 (14) Blinking Red. Built-in IC driver. 276-036 ..... 1.29  
 (15) Blinking Green. Built-in IC driver. 276-030 ..... 1.29

- (16) 10-Segment LED Bar-graph Display. 20-pin DIP. 276-081 ..... 2.99  
 (17) 7-Segment LED Digital Display. 0.3", 14-pin DIP socket. 276-075 ..... 1.79  
 (18) Snap-In Holders for T-1 LEDs. 276-078, Pkg. of 5/59¢  
 (19) T-1 $\frac{3}{4}$  LED Holders. Snap into  $\frac{1}{4}$ "-diameter panel holes. 276-079 ..... Pkg. of 5/59¢  
 (20) Chrome T-1 $\frac{3}{4}$  LED Holders. 276-080 ..... Pkg. of 2/1.19  
 (21) Chrome 10 mm LED Holder. 276-063 ..... 1.49

## Infrared LEDs, Accessories

- (22) SYIR53L Infrared LED. High output with low power requirement. 276-143 ..... 1.69  
 (23) SY32PT IR Phototransistor. High-speed NPN. Rated 50 mW. T-1 $\frac{3}{4}$  case. 276-145 ..... 99¢  
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## Solderless IC Breadboards and Accessories

The fast way to design your own circuit! Our breadboards accept a wide variety of devices and make circuit changes as easy as plugging and unplugging wires. When your circuit is working properly, it's simple to transfer it to the matching experimenter's PC board for a soldered, permanent version.

- (1) Universal Breadboard. Our finest! This 2 $\frac{1}{4}$  x 6 $\frac{1}{2}$ " molded board is mounted on a 7 x 4" "stay put" steel base with rubber feet. Accepts DIPs, discrete components and jumper wires (Fig. 5 recommended). Provides a total of 640 plug-in tie points and has three binding posts for external connections. Will provide many years of service. Excellent value! 276-169 ..... 19.95

- (2) 6" Modular IC Breadboard Socket. Silver-nickel low-resistance contacts. Features two bus strips, 550 indexed connection points. Modular—you can attach more sockets for complex designs. 2 $\frac{1}{8}$  x 6". 276-174 ..... 11.95  
 (3) Matching Printed Circuit Board. Layout matches modular breadboard sockets shown in this section. Features a total of 550 pre-drilled, indexed connect points. 2 $\frac{1}{16}$  x 6 x  $\frac{1}{16}$ ". 276-170 ..... 2.79  
 (4) Modular IC Breadboard Socket. Smaller version of Fig. 2 with 270 connection points. 2 $\frac{1}{8}$  x 3 $\frac{5}{8}$  x  $\frac{1}{16}$ ". 276-175 ..... 7.49  
 (5) Jumper Wire Kit. Speeds building! Includes 140 insulated, pre-stripped wires—10 each of 14 different lengths—in a snap-shut plastic box. 276-173 ..... Set 4.95

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Archer brand semiconductors are 100 percent manufacturer's first-quality devices—NOT floor sweepings or rejects. (When we offer a special purchase, this fact is shown on the package and in our ads.) Most Archer items are factory-marked and date-coded,

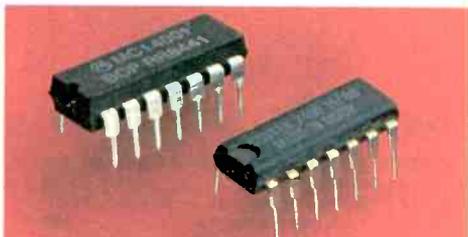
your assurance of getting the latest version. Whether for a youngster's project or replacement in an important business machine, you can depend on its quality. That's a promise from Radio Shack—the company that has specialized in electronics for 71 years!

# DIODES, DIGITAL ICs AND REGULATORS



## Digital Logic Probe With Beeper

The fast way to "peek" inside TTL, LS and CMOS digital circuits, memory, microcomputer and peripheral ICs. LEDs indicate hi/low/pulsed logic states (up to 10 MHz). Simultaneous tone output frees eyes for faster testing. Switches for normal or pulsed modes. Input: 100,000 ohms. Minimum detectable pulse width: 50 ns. 4.7 to 15VDC. Powered by tested circuit. 22-303 ..... **16.95**

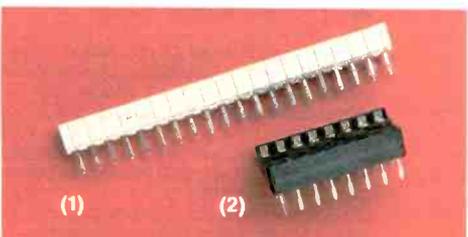


## 4000 Series Digital CMOS ICs

Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.99
Quad 2-Input NAND Gate	4011	276-2411	.99
Dual Type-D Flip Flop	4013	276-2413	1.19
Decade Counter/Divider	4017	276-2417	1.49
Inverting Hex Buffer	4049	276-2449	1.19

## TTL Digital ICs

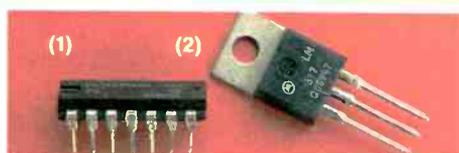
Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.89
Hex Inverter	7404	276-1802	.99
BCD to 7-Seg. Driver	7447	276-1805	1.89
Div. by 2/5 BCD Counter	7490	276-1808	1.19



## PC Board-Mount IC Sockets

- (1) 20-Position SIP Socket. 276-1975 ..... **1.49**  
 (2) Nonwicking Solder-Type DIP Sockets.

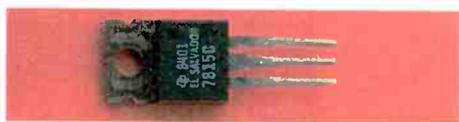
Type	Cat. No.	Price
8-Pin	276-1995	Pkg. of 2/ .59
14-Pin	276-1999	Pkg. of 2/ .89
16-Pin	276-1998	Pkg. of 2/ .99
18-Pin	276-1992	Each .49
20-Pin	276-1991	Each .59
28-Pin	276-1997	Each .89
40-Pin	276-1996	Each .99



## Adjustable Voltage Regulator ICs

■ Ideal for Variable Power Supplies

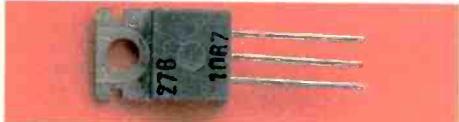
- (1) LM723. Adjustable 2 to 37VDC output. 150 milliamps maximum. 14-pin DIP. 276-1740 ..... **.99¢**  
 (2) LM317T. Adjustable from 1.2 to 27VDC output. Heat sink such as our #276-1363 is required for maximum current rating of 1.5 amps. TO-220 style case. 276-1778 ..... **1.99**



## Fixed-Voltage Regulator ICs

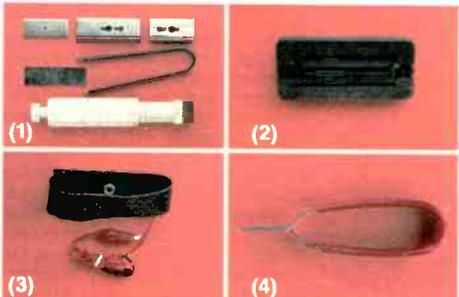
Feature built-in overload protection and thermal shutdown. Maximum input: 35VDC. Heat sink such as Radio Shack #276-1363 is required for full 1 amp current rating. TO-220 cases.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	1.19
7812	+ 12	276-1771	1.19



## SCRs and Triacs

- 6-Amp Silicon Controlled Rectifiers (SCRs).  
 200 Volts. 276-1067 ..... **.99¢**  
 400 Volts. 276-1020 ..... **1.19**  
 6-Amp Triac. Ideal for light dimmers, heat element control. Rated up to 400V. 276-1000 ..... **1.49**



## Tools for Safe IC Handling

- (1) IC Inserter/Extractor Set. Install and remove 6-pin to 40-pin DIPs without damage. Extractor works with LSI, MSI and DIP devices. Both tools are groundable. 276-1581 ..... **6.95**  
 (2) IC Pin Aligner. With just a squeeze bent pins become factory-straight. For 6-pin to 40-pin DIPs. Groundable. 276-1594 ..... **3.49**  
 (3) Static-Draining Wrist Strap. Has 24" ground lead with clip. 276-2397 ..... **3.29**  
 (4) Heat Sink for Soldering. Essential for safe soldering of semiconductors and low-power passive components. 276-1567 ..... **1.39**



## Top-Quality Rectifier Diodes

- (1) Micromini 1-Amp Diodes. Rated 30-amp surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Package of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

- (2) 3-Amp "Barrel" Diodes. Rated 200-amp surge.

Type	PIV	Cat. No.	Package of 2
1N5400	50	276-1141	.99
1N5402	200	276-1143	1.19
1N5404	400	276-1144	1.29

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Excellent for high-voltage, high-current power supplies. 1/4 x 3/16". 276-1114 ..... **Pkg. of 3/1.49**

## 1-Watt Zener Diodes

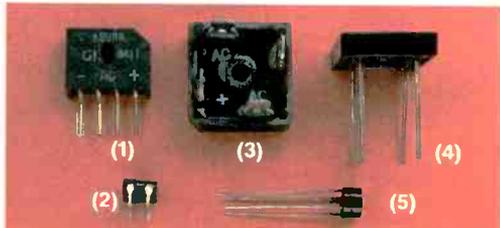
Type	Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

**89¢**  
Pkg. of 2



## Switching and Signal Diodes

- (1) 1N914/4148. Popular silicon switching-type diodes. 75 PIV. 276-1122 ..... **Pkg. of 10/99¢**  
 (2) 1N34A. Hard-to-find general-purpose germanium signal diodes. 60 PIV. 276-1123 ..... **Pkg. of 10/99¢**  
 Radio Shack can supply a wide variety of switching, rectifier and signal diodes through our Special-Order Parts Hotline—see details on page 140.



## Full-Wave Bridge Rectifiers

- (1) 4-Amp Bridge Rectifiers.

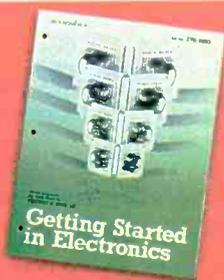
PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.99

- (2) 1-Amp, 50 PIV. Two fit into a 14-pin DIP socket. 276-1161 ..... **89¢**  
 (3) 25-Amp, 50 PIV. Metal case for maximum heat dissipation. Center mtg. hole. 276-1185 ..... **2.69**  
 (4) 8-Amp, 250 PIV. Mtg. hole. 276-1181 ..... **2.19**  
 (5) 1.5-Amp, 100 PIV. Compact. 276-1152 ..... **1.19**

# TRANSISTORS, ACCESSORIES AND BOOKS



**Semiconductor Reference Guide**



**Getting Started in Electronics**



**Building Power Supplies**

## Books for Builders, Technicians, Students

**Semiconductor Reference Guide**

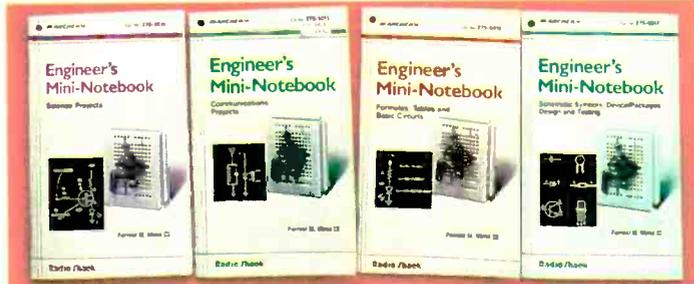
**NEW!** 1992 Edition. Cross reference and substitution section lists over 95,000 types and the Radio Shack replacements. Also gives detailed data on Radio Shack ICs, SCRs, LEDs, diodes and optos. 276-4015 **3.99**

**Getting Started in Electronics**

**Learn As You Build!** By Forrest Mims III. A super "hands on" introduction to building electronic circuits. Features big diagrams and easy-to-understand text by one of America's most popular electronics writers. 128 pages. 276-5003 **2.49**

**Building Power Supplies**

**NEW!** Describes How Power Supplies Work. Clearly explains switching and linear power supplies. Provides you with complete, easy-to-follow construction plans for five useful power supplies. Covers unregulated and regulated systems. 92 fact-filled pages. 276-5025 **4.95**



## Engineer's Mini-Notebook Series by Forrest Mims III

Explore the fascinating world of electronics! These "notebooks" feature the friendly style made famous by Mims—big diagrams, concise hand-lettered text plus safety tips and suggestions for further experiments.

**Science Projects.** Build interesting projects using common household materials and Radio Shack parts. Construct simple batteries, resistors, a super capacitor, light and moisture sensors, wind speed indicator, even a simple ground-motion "earthquake" detector. 48 pages. 276-5018 **1.49**

**Timer ICs.** For 555/556 ICs. 32 pages. 276-5010 **99¢**

**Op Amps.** Learn how to use these versatile ICs. 48 pages. 276-5011 **1.49**

**Optoelectronics.** Subjects range from simple LEDs to lightwave communication systems. 48 pages. 276-5012 **1.49**

**Basic Semiconductor Circuits.** Learn to use transistors, LEDs, FETs, diodes and more. 48 pages. 276-5013 **1.49**

**Digital Logic Circuits.** Handy data on the use and operation of gates, TTL and CMOS devices, plus logic families. 48 pages. 276-5014 **1.49**

**Communications Projects.** Build telegraphs, lightwave communication and radio receiver projects. 48 pages. 276-5015 **1.49**

**Formulas, Tables and Basic Circuits.** Understand and use Ohm's law, parallel and series resistance formulas, more. 48 pages. 276-5016 **1.49**

**Schematic Symbols.** Covers device packages, design and includes troubleshooting tips. 48 pages. 276-5017 **1.49**



## Radio Shack Can Replace Over 60,000 Transistor Types

Each transistor includes data and pin-out. Refer to Semiconductor Reference Guide (described at left) for complete data and cross-reference list.

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE†	Sylvania†	RCA†						
	Type GE	Type ECG	Type SK						
MPS2222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.59
MPS3904	20	123A	3122	NPN	SW	350mW	TO-92	276-2016	.59
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP3015	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.59
MJEF34	34	197	3084	PNP	P	90W	TO-220	276-2027	1.49
2N3053	241	128	3024	NPN	P	5W	TO-39	276-2030	.79
TIP120	...	261	3180	NPN	D	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	1.99
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.49

### N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max mhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/6.5	TO-92	276-2035	.79
MPF102	VHF Amp. Mixer	310mW	...	TO-92	276-2062	.79

\*In most circuits. See product package for exact device specs.

D = Darlingon P = Audio Amp, Switch NOTE: Parameters are at 25° C.  
GP = General Purpose SW = Switch

## Heat Sinks and Mounting Hardware



(1) TO-220 Heat Sink. Designed for PC board-mounted power semiconductors. 276-1363 **89¢**

(2) Mounting Hardware. For TO-3 case. With screws, insulating washers, solder lug, bushings. 276-1371 **Set 99¢**  
For TO-220 Case. 276-1373 **Set 99¢**

(3) Heat Sink Grease. 6.5 grams. 276-1372 **1.59**

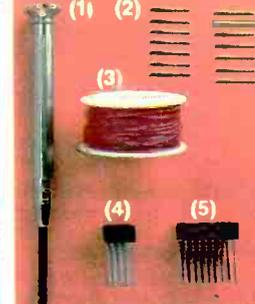
## TV Horizontal Output Transistor And Power MOSFET



(1) 2SC1308. High-voltage NPN-type transistor used as horizontal output in many color TV sets. Replaces ECG-238, GE-38 and SK-3115. TO-3 case. 276-2055 **6.95**

(2) IRF-511 Power MOSFET. Ideal for switching-type power supplies and power inverters, relay drivers and motor controllers. Also great for experimental designs—it has been successfully used in audio and RF power amplifiers. High immunity to thermal runaway. Easily paralleled. Handles up to 60VDC and 3 amps. "On" resistance only 0.6 ohm. TO-220 case. 276-2072 **1.99**

## Wire Wrapping for Faster Building



(1) Wire-Wrapping Tool. Makes solid wrap connections faster and easier than soldering. Strips, wraps and unwraps 30-gauge wire. 276-1570 **6.95**

(2) Wire-Wrapping Posts. Insert and securely lock into standard perf and PC boards. 0.025" square. 276-1987 **Pkg. of 20/99¢**

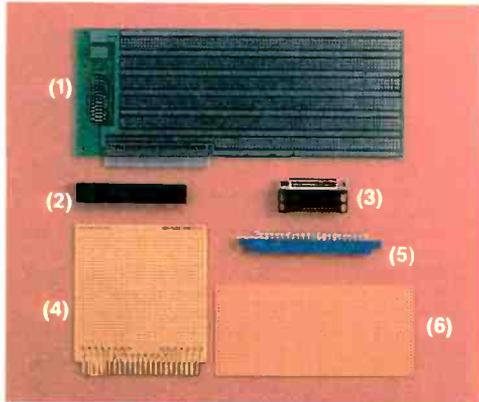
(3) 30-Gauge Wire. 50 feet. **Each 2.39**

Color	Cat. No.	Color	Cat. No.	Color	Cat. No.
Red	278-501	White	278-502	Blue	278-503

(4) (5) Wire-Wrapping Sockets. Square 0.025" posts accept three levels of wire.

Pins	Cat. No.	Price	Pins	Cat. No.	Price
8	276-1988	2/1.39	16	276-1994	2/1.69
14	276-1993	2/1.59	28	276-1983	1.39

# PC PROJECT BOARDS AND ENCLOSURES



## Plug-Ins and Perfboards

- (1) **NEW!** PC/XT Plug-In Board. For breadboarding digital and analog circuits. Plated-through holes with .100" centers. Use with (2) and (3) below. 276-1598, **29.95**
- (2) **62-Position PC/XT Bus Card-Edge Connector.** For short cards. 276-1453 ..... **2.95**
- (3) **NEW!** DB25 Fem. Rt-Angle Connector. 276-1504, **2.69**
- (4) **44-Position Plug-In Board.** 4 1/2 x 4". With 1/16" grids. Contacts on .156" centers. 276-154 ..... **3.49**
- (5) **44-Position Card-Edge Connector.** For use with #4 above. Solder-tall type. 276-1551 ..... **2.99**
- (6) **IC-Spacing Perfboard.** Have 0.42" prepunched holes in standard .100 x .100" grid.

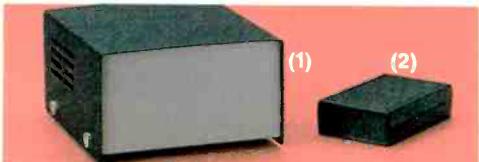
Size	Cat. No.	Each
2 3/4 x 6"	276-1395	<b>1.99</b>
4 1/2 x 6"	276-1394	<b>2.19</b>
6 x 8"	276-1396	<b>2.99</b>



## Experimenter Enclosures

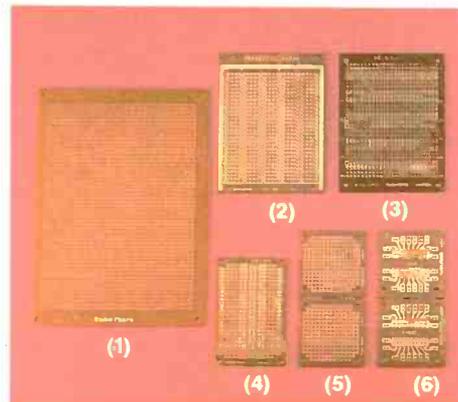
With internal slots for mounting a PC board

Size	Cat. No.	Each
4 x 2 x 1 3/16"	270-220	<b>1.89</b>
4 x 2 1/16 x 1 1/16"	270-221	<b>2.19</b>
4 3/4 x 2 1/2 x 1 1/16"	270-222	<b>2.49</b>
6 x 3 3/16 x 1 7/8"	270-223	<b>2.99</b>
7 1/2 x 4 1/4 x 2 1/4"	270-224	<b>3.39</b>



## Metal Cabinet & "Beeper" Case

- (1) **Metal Cabinet.** Attractive all-metal enclosure features vented top. Aluminum front, back and bottom are easy to drill for PC board and component mounting. 3 x 5 1/4 x 5 7/8". 270-253 ..... **6.79**
- (2) **Transmitter Case.** For RF or IR control, beeper, portable device. Durable case has removable end panel, 9V battery compartment. 3 3/4 x 2 5/16 x 1". 270-293 ..... **3.99**



## Predrilled Boards

- (1) **Grid Boards.** Solder-ringed holes accept DIPs, sockets, headers. Indexed for pin-out identification.

Size	Holes	Cat. No.	Each
4 1/2 x 6 5/8"	2200	276-147	<b>3.79</b>
2 3/4 x 3 3/4"	750	276-158	<b>2.29</b>
1 2 1/32 x 2 2 1/32"	356	276-149	<b>.99</b>

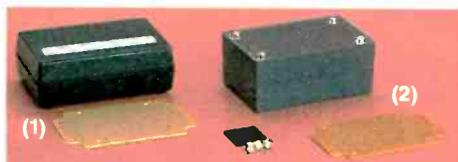
- (2) **Universal Board.** 750 solder-ringed holes. For DIPs up to 40 pins. Indexed. 3 1/8 x 2 7/8". 276-168, **2.29**
- (3) **IC/LSI Board.** For ICs up to 40 pins. 750 holes. Both sides indexed. 2 3/16 x 3 3/4". 276-162 ..... **2.29**
- (4) **Multipurpose Board.** Two bus strips at the center. 417 solder points. 1 2 1/32 x 2 2 1/32". 276-150 ..... **99¢**
- (5) **Dual Mini-Board.** 213 holes. 1 3/4 x 3 5/8". Can be snapped in half. 276-148 ..... **1.39**
- (6) **Dual IC Board.** For two 6 to 20-pin DIPs. Four hookup points for each pin. 1 1/4 x 3 5/8". 276-159, **1.49**



## Boxes With Aluminum Covers

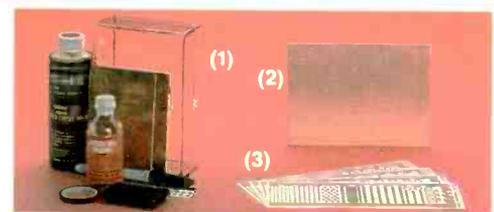
Excellent for hundreds of projects

Size	Cat. No.	Each
3 1/4 x 2 1/8 x 1 1/8"	270-230	<b>1.79</b>
4 x 2 1/8 x 1 5/8"	270-231	<b>1.99</b>
5 1/16 x 2 5/8 x 1 5/8"	270-233	<b>2.29</b>
6 1/4 x 3 3/4 x 2"	270-627	<b>2.69</b>
7 3/4 x 4 3/4 x 2 5/8"	270-232	<b>3.59</b>



## Box and PC Board Combos

- (1) **Archer PERFBX® Circuit Box.** Just add your circuit! Includes predrilled 2 x 3 1/8" board. Molded enclosure is 3 7/16 x 2 5/16 x 1 3/16". With labels, protective feet, hardware. 270-291 ..... **4.99**
- (2) **Project Box With PC Board.** Handsome gray enclosure with aluminum cover. 3 3/16 x 2 1/8 x 1 3/8". With assembly hardware and protective feet. 270-283 ..... **3.99**



## Etch Your Own PC Boards

- (1) **PC Board Kit.** Two 4 1/2 x 3" copper-clad boards, resist-ink pen, solvent, etchant, layout strips and circles, tank, 1/16" drill bit, instructions. 276-1578 ..... **9.95**
- Extra Pen.** 276-1530 ..... **1.79**
- Extra Etchant.** 16 oz. 276-1535 ..... **2.69**
- (2) **Double-Sided PC Board.** 4 1/2 x 6 3/4". 276-1499 ..... **3.99**
- (3) **Direct-Etch Dry Transfers.** With rub-on circles, strips, IC pads. Make prototyping easy. 276-1577 ..... **4 sheets 2.99**



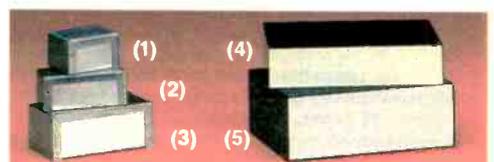
## PC Board Accessories

- (1) **Standoffs With Screws.** These 1/16"-high metal studs simplify board mounting. 276-195 ..... **Set of 4/1.19**
- (2) **PC Board Wire Terminals.** Two-position. For reliable wire hookups. 276-1388 ..... **Pkg. of 4/1.99**
- (3) **Circuit Symbols Template.** This durable guide makes it easy to draw industry-standard schematics. 276-180 ..... **3.95**
- (4) **4" Grounding Strap.** Heavy-duty. Crimped, soldered eyelet. Low-resistance ground fights RFI. 278-1155 ..... **59¢**



## Power Supply/Project Case

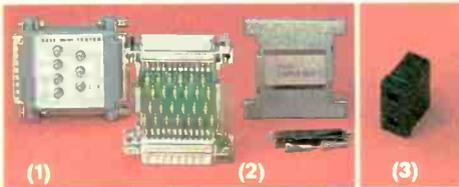
Well-ventilated bottom and top make it ideal for power supply or other heat-producing circuit. Inside has elevated mounting posts (3/32" centers) for a transformer, plus elevated drop-in mount for adding a 2 1/8 x 1 13/16" PC board for rectifiers, filter caps and regulator. Predrilled power cable holes at ends and built-in strain relief. 2 1/2 x 4 5/8 x 3 1/4". With hardware. 270-287 ..... **3.99**



## Metal Project Enclosures

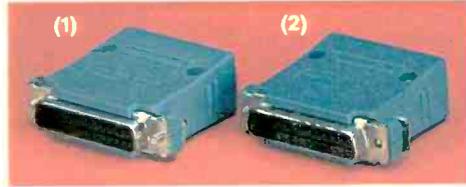
- (1) **Metal P-Box® Enclosure.** With assembly hardware.
- | Fig. | Size                   | Cat. No. | Each        |
|------|------------------------|----------|-------------|
| 1    | 2 3/4 x 2 1/8 x 1 5/8" | 270-235  | <b>1.79</b> |
| 2    | 4 x 2 1/8 x 1 5/8"     | 270-239  | <b>1.99</b> |
| 3    | 5 1/4 x 3 x 2 1/8"     | 270-238  | <b>2.49</b> |
- (4) **1 13/16 x 8 1/4 x 6 1/8" Steel Box.** 270-272 ..... **8.79**
- (5) **3 1/8 x 8 1/4 x 6 1/8" Steel Box.** 270-274 ..... **10.79**

# SIMPLIFY COMPUTER/NETWORK HOOKUPS



## Peripheral Hookup Helpers

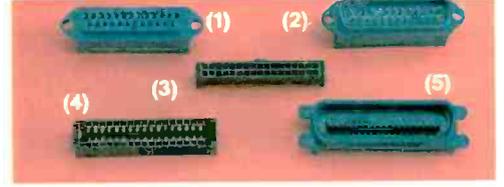
- (1) **RS-232 Troubleshooter.** Spot problems fast! Dual-color LEDs monitor seven data/control lines. D-sub 25. Connects inline. 276-1401 ..... **14.95**  
 (2) **Shielded Shunt Box.** Wire the included PC board to suit your application. 276-1403 ..... **9.95**  
 (3) **DIP Programming Shunts.** 2-position. Used in many computer boards. 276-1512 ..... **10/1.29**



## Twisted-Pair Networking

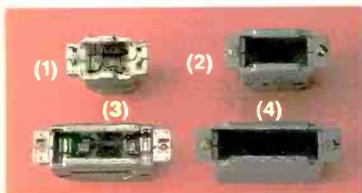
Adapters to let you use phone wire instead of more costly shielded cable in local area networks.

- (1) **RS-232 to Modular Adapter.** Female D-sub 25 to RJ-45 (8-position) modular jack. 276-1406 ..... **4.49**  
 (2) **Male D-Sub 25 Connector to RJ-11 (6-position) Modular Phone Jack.** 276-1405 ..... **2.99**



## Solderless IDC-Type Connectors

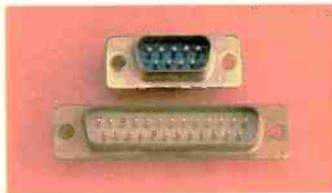
Fig.	Description	Cat. No.	Each
1	25-Position D-Sub Male	276-1599	<b>3.99</b>
2	25-Position D-Sub Female	276-1565	<b>3.99</b>
3	34-Position Header	276-1525	<b>2.49</b>
4	36-Position Male Printer	276-1533	<b>4.99</b>
5	34-Position Card Edge	276-1564	<b>1.99</b>



## D-Sub Hoods

Fig.	Description	Cat. No.	Each
1	9-Position Metal	276-1508	<b>2.19</b>
2	25-Position Metal	276-1510	<b>2.79</b>
3	9-Position Nonshielded	276-1539	<b>.79</b>
4	25-Position Nonshielded	276-1549	<b>.89</b>
5	9-Position Metalized	276-1513	<b>1.49</b>
6	25-Position Metalized	276-1536	<b>1.99</b>

- (4) **25-Pos./Gender-Changer.** 276-1520, **1.79**



## Solder-Type D-Subs

Quality gold-plated pins and terminals. Metal shell for shielding.

Positions	Type	Cat. No.	Each
9	Male	276-1537	<b>.99</b>
9	Female	276-1538	<b>1.29</b>
25	Male	276-1547	<b>1.49</b>
25	Female	276-1548	<b>1.99</b>



## Crimp-Style D-Subs

■ Gold-Plated Contacts

Pos.	Type	Cat. No.	Each
9	Male	276-1427	<b>.99</b>
9	Female	276-1428	<b>1.49</b>
25	Male	276-1429	<b>1.99</b>
25	Female	276-1430	<b>2.49</b>



## D-Sub and IDC Tools

- (1) **D-Sub Pin Crimper.** Professional steel tool accepts #20, #24 and #28 pins. 6<sup>7</sup>/<sub>16</sub>" long. 276-1595 ..... **9.95**  
 (2) **IDC Connector Tool.** Quality steel tool makes it easy to attach IDC-type connectors to flat cables. 9<sup>13</sup>/<sub>16</sub>" long. 276-1596 ..... **12.95**



## DIN Plugs

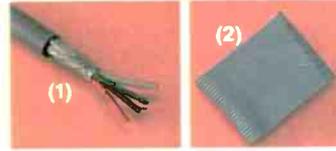
Fig.	Positions	Cat. No.	Each
1	4	274-007	<b>1.69</b>
2	5	274-003	<b>1.69</b>
3	6	274-020	<b>1.79</b>
4	7	274-029	<b>1.79</b>
5	8	274-026	<b>1.79</b>



## Inline DIN Jacks

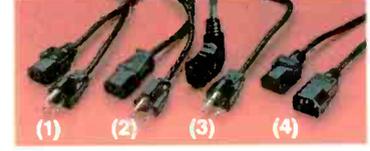
Use with plugs to make custom cables for computer keyboards, peripherals.

Fig.	Positions	Cat. No.	Each
1	5	274-006	<b>1.69</b>
2	7	274-030	<b>1.79</b>
3	8	274-027	<b>1.99</b>



## Multiconductor Cable

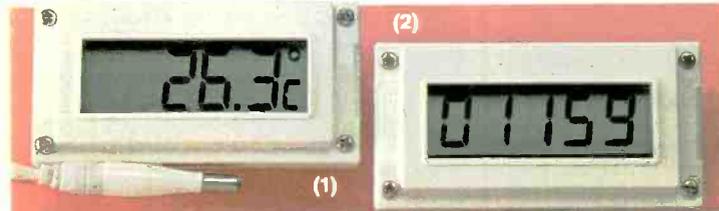
- (1) **4-Conductor Double-Shielded Cable.** 30 feet. 278-777 ..... **7.95**  
 (2) **Nonshielded Ribbon Cable.** For computer hookups. 25-conductor. 5 feet. 278-772 ..... **3.59**  
 36-Conductor. 6 feet. 278-774 .. **4.69**



## Computer AC Cords

■ Grounded ■ UL Listed

- (1) **NEW! 12' CEE Cord.** 278-1261, **5.99**  
 (2) **6' CEE Cord.** 278-1257. .... **3.99**  
 (3) **Cord With Rt.-Angle CEE Connector.** For tight spaces. 278-1260, **5.99**  
 (4) **6' CEE Extension.** 278-1259 .. **4.99**



## Archer® Prewired, Panel-Mount Modules

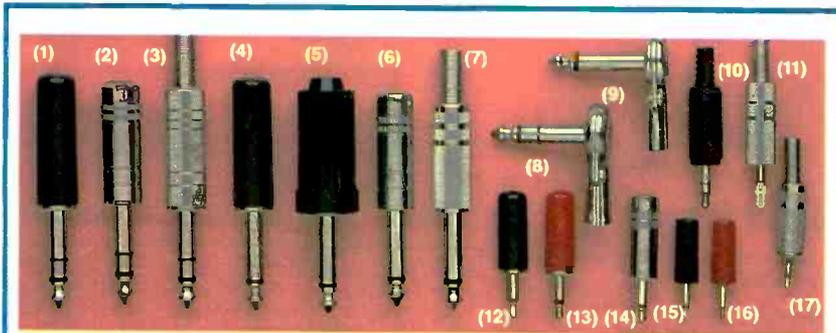
- (1) **Thermometer/Controller.** Use "as-is" for a thermometer or add simple circuits to control buzzer, LED, fan or heater at your preset temperatures. Hi/lo activation temps, -40 to +122° F and -40 to +50° C ranges, 1/2" LCD display. 2<sup>11</sup>/<sub>16</sub> x 1<sup>13</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>16</sub>". Requires "AA" battery. Draws only 10 microamps. Probe, cord, data. 277-123 ..... **19.95**  
 (2) **Electronic Counting Module.** Counts to 99,999. Advanced by external switch closure or digital circuit. Use for event or traffic counter. Count rate up to 7 Hz. 1/2" LCD display. 2<sup>11</sup>/<sub>16</sub> x 1<sup>13</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>16</sub>". Easily panel-mounted. Requires "AA" battery. Operating current is only 4 microamps. With data. 277-302 ..... **16.95**

## Radio Shack—America's Electronics Store for Builders Since 1921

For 1992, Radio Shack continues its tradition of offering a wide selection of electronics for professionals, experimenters and students. We carry

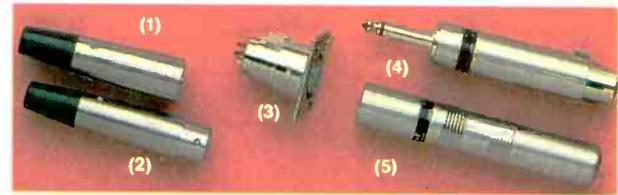
components and accessories to meet almost every need—all at reasonable prices and available at 7000 stores—including one near you.

# WE HAVE IT ALL IN AUDIO CONNECTORS



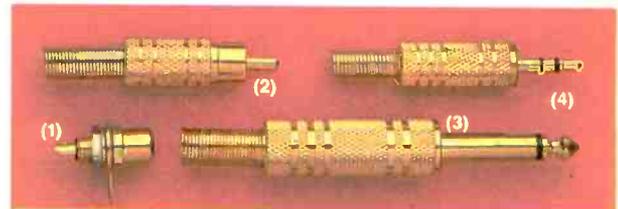
## Everything in Quality 1/4", 1/8" and 3/32" Phone Plugs

- (1) Three-Conductor (Stereo) 1/4" (6.35 mm). 274-139 ..... Pkg. of 2/1.99  
 (2) 3-Cond. 1/4" Shielded. 274-285 .. 1.59  
 (3) Three-Conductor 1/4" Shielded. Has "grip" barrel, strain relief. 274-1546 ... 1.99  
 (4) Two-Conductor (Monaural) 1/4". Plastic barrel. 274-1536 ..... Pkg. of 2/1.79  
 (5) Two-Conductor 1/4" "Big Barrel" Plug. 274-1539 ..... Pkg. of 2/2.29  
 (6) Two-Conductor 1/4" Shielded. All-metal barrel. 274-1544 ..... Pkg. of 2/2.99  
 (7) Two-Conductor 1/4" Shielded. Spring-coil cable strain relief. 274-1545 ..... 1.79  
 (8) Three-Conductor 1/4" Shielded Right-Angle Plug. 274-265 ..... 1.79  
 (9) Two-Conductor 1/4" Shielded Right-Angle Plug. 274-254 ..... Pkg. of 2/2.19  
 (10) Three-Conductor 1/8" (3.5mm) Mini Size. Solder terminals. 274-284 ... Pkg. of 2/2.19  
 (11) Three-Conductor 1/8" Shielded. Spring strain relief. 274-1547 ..... 1.99  
 Two-Conductor 1/8" Mini Size.  
 (12) Black. 274-286 ..... Pkg. of 2/1.49  
 (13) Red. 274-287 ..... Pkg. of 2/1.49  
 (14) Shielded. 274-288 ..... Pkg. of 2/1.99  
 Two-Conductor 3/32" (2.5 mm) Submini.  
 (15) Black. 274-289 ..... Pkg. of 2/1.49  
 (16) Red. 274-290 ..... Pkg. of 2/1.49  
 (17) **NEW!** Heavy-Duty Two-Conductor 3/32" Shielded, with strain relief. 274-279 .... 1.49



## XLR "Pro" Mike Connectors and Adapters

- (1) Three-Pin Plug. 274-010 ..... 2.99  
 (2) Three-Pin Inline Socket. 274-011 ..... 2.99  
 (3) Three-Pin Panel Socket. Accepts Fig. 1 and 5. 274-013 ..... 3.69  
 (4) Adapter/Transformer. Accepts XLR plug. Fits 1/4" jack. 274-016, 11.99  
 (5) Adapter/Transformer. Accepts 1/4" plug. Fits XLR jack. 274-017, 11.99



## Gold-Plated Phono and Phone Connectors

- (1) Chassis-Mount Phono Jack. 274-852 ..... Pkg. of 2/2.49  
 (2) Phono Plug. Heavy-duty. Strain relief. 274-850 ..... 2.49  
 (3) Two-Conductor (Mono) 1/4" (6.35mm) Phone Plug. 274-855, 3.49  
 (4) Three-Conductor 1/8" Plug. 274-858 ..... 3.49



## Inline Phone Jacks

- Ideal for Building Extension Cords

- (1) Two-Cond. 1/4" (6.35mm). 274-340 ..... Pkg. of 2/2.19  
 (2) Three-Conductor 1/4". 274-141 ..... Pkg. of 2/2.59  
 (3) Three-Conductor 1/4" Shielded. 274-142 ..... 2.99  
 (4) Three-Cond. 1/4" (3.5mm). 274-333 ..... Pkg. of 2/1.69  
 (5) Three-Conductor 1/8". 274-274 ..... Pkg. of 2/1.79



## Enclosed Jacks

Size	Cond.	Cat. No.	Price
Open-Circuit Types			
1/4"	2	274-280	1.19
1/8"	3	274-249	2/1.59
Closed-Circuit Type			
3/32"	2	274-247	2/1.49



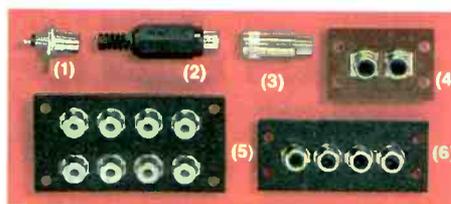
## Open-Frame Jacks

Size	Cond.	Cat. No.	Price
Open-Circuit Types			
1/4"	2	274-252	2/1.79
1/4"	3	274-312	2/2.49
1/8"	2	274-251	3/1.59
Closed-Circuit Types			
1/4"	2	274-255	2/2.19
1/8"	2	274-248	2/1.79
3/32"	2	274-292	2/1.79



## Phono Plugs

- (1) Solderless 90°. Two red, two black. 274-383 ..... Set of 4/1.89  
 (2) Solderless. Two red and two black. 274-384 ..... Set of 4/1.79  
 (3) With Color-Coded Covers. Solder-type. 274-321, Set of 8/2.19  
 (4) With Plastic Grip-Style Covers. 274-319 ..... Set of 4/1.79  
 (5) Shielded Type. Easy to solder. 274-339 ..... Pkg. of 2/1.59  
 (6) Strain Relief. Three black, three red. 274-451 ..... Set of 6/1.99



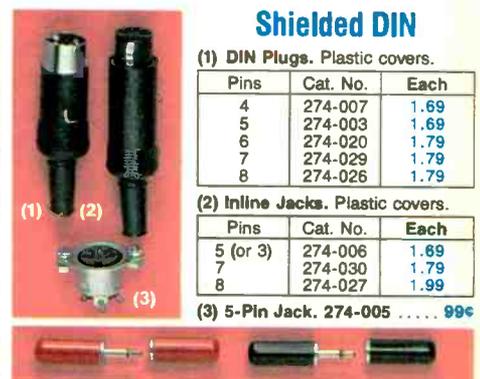
## Phono Jacks and Jack Boards

- (1) Panel-Mount. 1/4" mtg. hole. 274-346, Pkg. of 4/2.19  
 (2) Plastic Inline. Hex-shape barrel with integrated strain relief. Two red, two black. 274-337 ..... Pkg. of 4/1.49  
 (3) Shielded Inline. 274-338 ..... Pkg. of 2/1.59  
 (4) Dual Phono Jacks. Chassis-mount for repairing stereo changers, amplifiers, receivers. Each accepts two phono plugs. 274-332 ..... Pkg. of 2/1.19  
 (5) Eight-Position Phono Jack Board. 274-370 ... 1.69  
 (6) Four-Position Phono Jack Board. Chassis-mount. Accepts up to four plugs. 274-322 ..... 1.29



## "Car Radio" Connectors

- (1) Motorola-Type Plugs. Fit car radios and many scanners. Solder-type. 274-711 ..... Pkg. of 2/99¢  
 (2) Inline Jack Assembly. 6" cable. 274-713 ..... 1.39  
 (3) Solderless Plug. Easy to hook up. 274-709 ..... 1.39  
 (4) Solderless Inline Jack. 274-710 ..... 1.39



## Shielded DIN

- (1) DIN Plugs. Plastic covers.

Pins	Cat. No.	Each
4	274-007	1.69
5	274-003	1.69
6	274-020	1.79
7	274-029	1.79
8	274-026	1.79

- (2) Inline Jacks. Plastic covers.

Pins	Cat. No.	Each
5 (or 3)	274-006	1.89
7	274-030	1.79
8	274-027	1.99

- (3) 5-Pin Jack. 274-005 ..... 99¢

## Plug and Inline Jack Set

- Two-Conductor (Monaural) 1/4". Set includes two plugs and two jacks. 274-283 ..... 4-Piece Set/2.49

# AUDIO ADAPTERS—HOOKUPS MADE EASY!



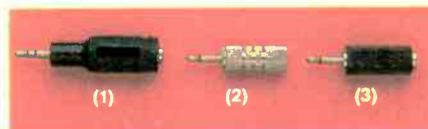
## These Plug Into 1/8" Monaural Jack

- (1) Accepts 1/8" Stereo Plug. Use your lightweight stereo headphones with TVs, radios, walkie-talkies, scanners. 274-368 ..... 1.19
- (2) Accepts Two 1/8" Monaural Plugs. 274-310 ..... 1.99
- (3) Accepts 3/32" Mono Plug. Adapts 3/32" earphone plug. 274-328 ..... 1.79
- (4) Accepts 1/4" Stereo Plug. Use full-size stereo headphones with TVs, radios, walkie-talkies, scanners. 274-361 ..... 1.99
- (5) Accepts 1/4 Monaural Plug. 274-047 ..... 1.29
- (6) Accepts Phono Plug. 274-330 ..... 1.69



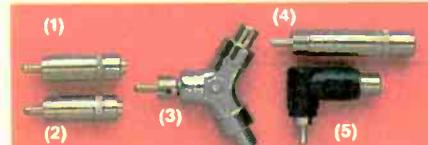
## These Plug Into 1/4" Monaural Jack

- (1) Accepts 1/8" Stereo Plug. Use lightweight stereo headphones with CB, Ham and scanner radios, monaural recorders. 274-348 ..... 1.99
- (2) Accepts 1/4" Stereo Plug. Use full-size stereo headphones with CB, Ham and scanner radios and other monaural equipment. 274-360 ..... 1.99
- (3) Accepts 1/8" Monaural Plug. 274-325 ..... 1.59
- (4) Accepts Two Phono Plugs. 274-304 ..... 1.99
- (5) Accepts Two 1/4" Plugs. 274-309 ..... 2.99
- (6) Accepts Phono Plug. 274-320 ..... Pkg. of 2/2.79



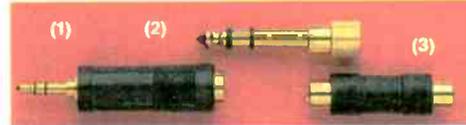
## 3/32" Submini Adapters

- (1) Accepts 1/8" Stereo Plug. Plugs Into a 3/32" Stereo Jack. 274-373 ..... 2.99
- (2) Accepts 1/8" Stereo Plug. Plugs Into 1/2" Mono Jack. Use stereo 'phones with Ham handi-talkies, scanners. 274-361, 1.99
- (3) Accepts 1/8" Mono Plug. Fits 1/2" Mono Jack. 274-327, 1.29



## These Adapters Plug Into a Phono Jack

- (1) Accepts 1/8" Stereo Plug. 274-387 ..... 2.19
- (2) Accepts 1/8" Mono Plug. 274-326 ..... 1.59
- (3) Accepts Two Phono Plugs. 274-303 ..... 1.99
- (4) Accepts 1/4" Mono Plug. 274-389, Pkg. of 2/2.99
- (5) Accepts Phono Plug. Right-angle adapter. Especially useful when space is extremely limited and also helps prevent strain damage to both the jack and cable. 274-306 ..... 2.39



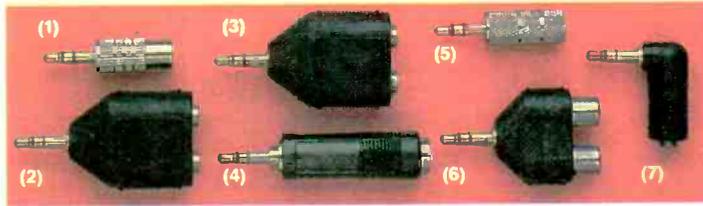
## Gold-Plated Adapters

- (1) Accepts 1/4" Stereo Plug. Plugs Into 1/8" Stereo Jack. Use full-size headphones with a portable. 274-875, 2.99
- (2) Accepts 1/8" Stereo Plug. Plugs Into 1/4" Stereo Jack. Use "mini" stereo phones with home stereo. 274-876, 2.99
- (3) NEW! Phono Plug Coupler. 274-874 ..... 1.99



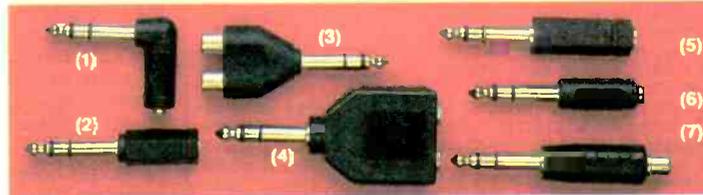
## Microphone Connectors

- (1) Eight-Pin Amateur Radio Mike Plug. Fits many popular transceivers. It's just what you need for adapting mike plugs to fit your transceiver and connecting packet TNC and accessories. 274-025 ..... 2.19
- (2) Four-Pin Panel-Mount Socket. 274-002 ..... 1.29
- (3) Four-Pin Plug. 274-001 ..... 1.69



## These Plug Into 1/8" Stereo Jack

- (1) Accepts Phono Plug. 274-378 ..... 1.99
- (2) Accepts Two 1/8" Monaural Plugs. 274-375 ..... 3.39
- (3) Accepts Two 1/8" Stereo Plugs. Share your music! Use two stereo headphones with one 1/8" stereo headphone jack. 274-313 ..... 3.29
- (4) Accepts 1/4" Stereo Plug. 274-366 ..... 1.79
- (5) Accepts 1/8" Monaural Plug. 274-374 ..... 1.69
- (6) Accepts Two Phono Plugs. 274-369 ..... 2.49
- (7) Accepts 1/8" Stereo Plug. 274-372 ..... 2.49



## These Plug Into 1/4" Stereo Jack

- (1) Accepts 1/8" Stereo Plug. Use "mini" headphones with a 1/4" stereo headphone jack. Strain-reducing right-angle design. 274-371 ..... 2.99
- (2) Straight Version of Fig. 1. 274-367 ..... 1.79
- (3) Accepts Two Phono Plugs. 274-308 ..... 3.79
- (4) Accepts Two 1/4" Stereo Plugs. 274-302 ..... 3.99
- (5) Accepts 1/4" Monaural Plug. 274-1520 ..... 1.99
- (6) Accepts 1/8" Monaural Plug. 274-363 ..... 1.99
- (7) Accepts Phono Plug. 274-365 ..... 1.39



## Recording Attenuator and Adapter Set

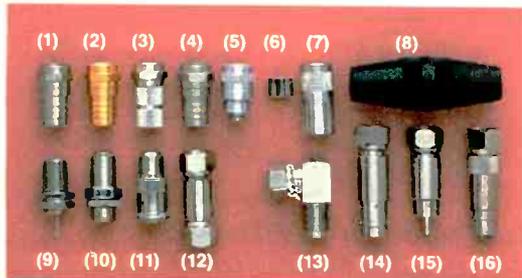
- (1) Recording Level Attenuator. Accepts phono plug. Plugs into 1/8" mono jack. Lets you connect line-level sources to a recorder's mike input. 274-300 ..... 2.79
- (2) Mono Adapter Set. Adapts phono plug, 1/4" phone plug and 3/32" submini plug to fit 1/8" mono jack. 274-359 ..... Set 2.99



## Handy Plug-to-Plug Couplers

- The easy way to couple two cables. Great for all kinds of hookups.
- (1) Accepts Two 1/4" Stereo Plugs. 274-1556 ..... 2.39
  - (2) Accepts Two 1/8" Stereo Plugs. 274-1555 ..... 1.59
  - (3) Accepts Two Phono Plugs. 274-1553 ..... Pkg. of 2/1.39
  - (4) NEW! Dual Phono Coupler. Each section accepts two phono plugs. Just the thing for adding on another stereo patch cable for longer length. Left and right color-coded. 274-1548 ..... 4.99

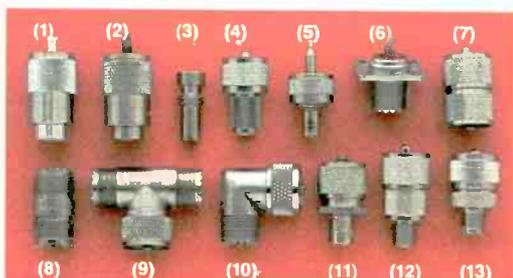
# RF CONNECTORS, ADAPTERS AND TOOLS



## 75-Ohm TV/VCR/FM Connectors

- (1) **NEW!** QS-56. For RG6QS Quad Shield cable. 278-232, 2/99¢
- (2) Gold-Plated CF-59. For RG-59. 278-224 ... Pkg. of 2/1.99
- (3) Gold-Plated CF-56. For RG-6 cable. 278-225 ... Pkg. of 2/1.99
- (4) Twist-On CF-59TO. For RG-59 cable. 278-227 ... 59¢
- (5) Twist-On CF-56TO. For RG-6 cable. 278-228 ... 59¢
- (4) Standard CF-59. For RG-59 cable. 278-222, Pkg. of 2/99¢
- (4) Standard CF-56. For RG-6 cable. 278-223 ... Pkg. of 2/99¢
- Package of 10 CF-59s. 278-230 ... 3.99
- Package of 10 CF-56s. 278-231 ... 3.99
- (5) F-59. For RG-59 cable. 278-211 ... Pkg. of 2/99¢
- F-56. For RG-6 cable. 278-214 ... Pkg. of 2/99¢
- (6) F-59 Crimp Rings. 278-216 ... Pkg. of 6/59¢
- F-56 Crimp Rings. 278-217 ... Pkg. of 6/59¢
- (7) Solderless F-59. For RG-59 cable. 278-215 ... 99¢
- (8) Indoor 75-Ohm Cable Splicers. 278-226 ... Pkg. of 2/2.99
- (9) F-61. Chassis-mount F. 278-212 ... Pkg. of 2/99¢
- (10) F-81 Coupler. Joins two F connectors. 278-213 ... 99¢
- (11) Screw-On to Push-On Adapter. 278-218 ... 1.49
- (12) F Male-to-Male Adapter. 278-219 ... 1.29
- (13) F Inline Right-Angle Adapter. 278-221 ... 1.29

Fig.	Accepts	Fits	Cat. No.	Each
14	BNC Plug	Chassis F	278-256	2.49
15	Phono Jack	Chassis F	278-253	1.99
16	Phono Plug	Chassis F	278-255	1.29



## UHF Connectors and Adapters

- (1) Premium PL-259 Plug. The best! Silver-plated body and high-heat, low-loss Teflon™ insulator. 278-188 ... 3.49
- (2) Standard PL-259. 278-205 ... Pkg. of 2/2.79
- (3) UG-176 Reducers. Use to install PL-259 plugs on RG-59 and RG-8M cables. 278-204 ... Pkg. of 2/99¢
- UG-175 Reducers. For RG-58. 278-206 ... Pkg. of 2/99¢
- (4) No-Crimp Solderless PL-259. For RG-58 cable. Install with a flat-blade screwdriver. 278-186 ... 3.29
- (5) Solderless PL-259. For RG-58. 278-196, Pkg. of 2/2.19
- Above for RG-59 and RG-8M. 278-191 ... Pkg. of 2/2.19
- (6) SO-239 Chassis-Mount Socket. 278-201 ... 1.49
- (7) Double PL-259. Joins two SO-239s. 278-192 ... 2.19
- (8) PL-258 Coupler. Joins two PL-259s. 278-1369 ... 1.69
- (9) M-358 T Adapter. Two SO-239 sockets to PL-259 plug. Useful in beam antenna phasing lines. 278-198 ... 3.49
- (10) M-359 Inline Right-Angle Adapter. Use when space is tight. Helps prevent damage to cable and jack. 278-199, 2.49

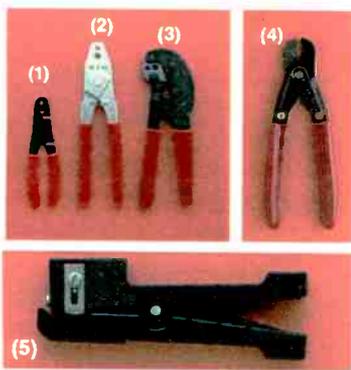
Fig.	Accepts	Fits	Cat. No.	Each
11	BNC Plug	SO-239	278-121	2.59
12	Male F	SO-239	278-258	2.99
13	Mini UHF Plug	SO-239	278-175	3.49



## BNC Connectors And Adapters

- (1) Twist-On Male BNC Connector. For RG-58 cable. 278-103 ... 2.99
- Above for RG-59, RG-62. 278-104, 2.99
- (2) No-Crimp Solderless BNC Male. For RG-58. 278-185 ... 3.59
- (3) Type 1094 BNC Chassis-Mount Jack. 278-105 ... 1.39
- (4) Type UG-306 BNC Female-to-Female Coupler. 278-115 ... 1.99
- (5) **NEW!** BNC T Adapter. Female-female-female. 278-111 ... 3.99
- (6) BNC T Adapter. Female-male-female. 278-112 ... 3.19
- (7) Right-Angle Adapter. 278-116 ... 3.99

Fig.	Accepts Plug	Fits Socket	Cat. No.	Each
8	Motorola	BNC	278-117	2.99
9	PL-259	BNC	278-120	2.49
10	F Male	BNC	278-251	1.99
11	Phono	BNC	278-254	2.49
12	Mini UHF	BNC	278-177	2.99



## Installation/Stripping Tools

Jobs Go Easier and Results Are Better When You Use Archer® Tools

- (1) Economy Crimping Tool. For F connectors. (Not for use with Radio Shack #278-222/223/224/225 and 278-230/231/232 connectors). 278-220 ... 2.79
- (2) Medium-Duty Hex Crimping Tool. 278-242 ... 6.95
- (3) "Pro" Crimping Tool. Our best! For our #278-222/223/224/225 and 278-230/231/232 connectors. 278-243 ... 15.95
- (4) Precision Coax Cable Cutter. Special curved blades do not flatten cable while cutting. 278-244 ... 5.95
- (5) Coax Cable Stripper. With adjustable blades. For 3/16" to 9/16" diameter cables. 278-240 ... 12.95



## Mini-UHF Adapters

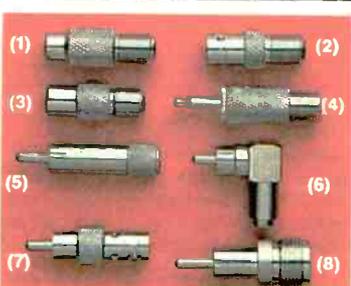
- (1) Double-Female Adapter. Joins two male mini-UHF connectors. 278-172, 2.49
- (2) T Adapter. Female-male-female type power divider. 278-173 ... 3.99

Fig.	Accepts	Fits Mini-UHF	Cat. No.	Each
3	PL-259	Female	278-174	3.99
4	BNC Male	Female	278-176	2.99
5	TNC Male	Female	278-146	2.99



## TNC Connectors/Adapters

- (1) No-Crimp Solderless Male TNC. For RG-58 cable. 278-184 ... 3.59
- (2) Twist-On Male TNC Connector. For RG-58 cable. 278-140 ... 1.99
- (3) Push-On Adapter. Converts a screw-on TNC male to push-on type. 278-133 ... 3.99
- (4) Double-Female TNC. 278-142 ... 1.99
- (5) TNC T Coupler. F-M-F. 278-137 ... 3.99
- (6) Adapter. Accepts PL-259 Plug. Fits female TNC. 278-118 ... 3.49



## Hard-to-Find Adapters

- (1) **NEW!** Accepts Male F Connector and Male Phono Plug. 278-263 ... 1.49
- (2) **NEW!** Accepts Male F Connector and Male BNC. 278-264 ... 1.99
- (3) Euro-TV Adapter. Accepts male F. Fits PAL antenna jack. 278-261 ... 1.19
- (4) Accepts Male F Connector. Fits 1/8" phone jack. 278-257 ... 1.99
- (5) Twist-On Phono Plug. 278-189 ... 2.79
- (6) Accepts Male F. Fits phono jack. Right-angle type. 278-260 ... 1.99
- (7) Accepts BNC Plug. Fits phono jack. 278-250 ... 2.49
- (8) "Scanner" Adapter. Accepts PL-258. Fits Motorola jack. 278-208 ... 1.79



## N Connectors/Adapters

- (1) Male N. For RG-8 cable. 278-149, 3.49
- Male N. For RG-58 cable. 278-151 ... 3.49
- (2) UG-29 Double-Female Adapter. Joins two male Ns. 278-154 ... 3.99
- (3) PL-259 Adapter. Accepts PL-258. Fits N jack. 278-156 ... 4.49



## Gold-Plated Adapters

- (1) **NEW!** F-81 Coupler. Joins two male F connectors. 278-304 ... 1.79

Fig.	Accepts	Fits	Cat. No.	Each
2	BNC Male	Phono Jack	278-301	3.99
3	Phono Plug	BNC Jack	278-303	3.99
4	F Male	BNC Jack	278-302	4.99

# WE HAVE THE WIRE AND CABLE YOU NEED

## Two-Conductor Speaker Wire

Clear Plastic Insulation. Features low-loss copper conductors. Polarity-keyed. Not recommended for in-wall use.

**NEW!** Brown Plastic Insulation. With stranded copper conductors. Polarity-keyed. UL listed. Suitable for in-wall use.

See page 150 for our exclusive MEGACABLE® speaker wire and accessories.

Gauge	Type	Feet	Cat. No.	Each
24	Stranded	50	278-1301	2.99
24	Solid	75	278-1509	3.49
22	Stranded	100	278-1385	5.49
20	Stranded	75	278-1388	5.99
18	Stranded	30	278-1802	3.99
18	Stranded	60	278-008	6.99
16	Stranded	50	278-1267	7.99

Gauge	Feet	Cat. No.	Each
20	30	278-1101	3.99
20	100	278-1102	9.99
18	30	278-1103	3.99
18	100	278-1104	11.99
16	30	278-1105	4.99
16	100	278-1106	15.99



## Specialty Wire

- (1) Magnet Wire Assortment. For coil winding. Includes 40 feet of 22-gauge, 75 feet of 26-gauge and 200 feet of 30-gauge. 278-1345 ..... 4.99
- (2) Solid Bus Wire. 24-gauge tinned copper. 50 feet. 278-1341 ..... 1.79
- (3) **NEW!** Probe Wire. 20-ga. stranded. UL. 25 feet. Red. 278-563 ..... 2.99
- Black Probe Wire. 278-564 ..... 2.99



## NEW! Intercom, Alarm

- (1) Intercom Wire. 3-cond. stranded. UL listed. 50 feet. 278-871 ..... 4.99
- (2) Intercom Wire. 4-conductor solid. 24-gauge. UL. 25 feet. 278-858, 3.49
- Intercom Wire. 2-conductor solid. 24-gauge. UL. 35 feet. 278-857, 3.49
- (3) Alarm Wire. 2-conductor stranded. 22-gauge. UL. 100 ft. 278-862, 7.99
- Alarm Wire. 300 feet. 278-863, 21.99



## Lamp Cord

- (1) SPT-1. 18-gauge, 2-conductor stranded. UL listed. 100 feet. 278-1430 ..... 14.99
- SPT-2. 18-gauge, 2-conductor stranded. UL listed. 100 feet. 278-1440 ..... 21.95

## Heavy-Duty Wire

- (2) **NEW!** Automotive Wire. 10-gauge. 35 feet. Red. 278-568 ..... 11.95
- Black. 278-569 ..... 11.95
- 12-Gauge Wire. Stranded. UL listed. 20 feet. Red. 278-565 ..... 3.99
- Black. 278-566 ..... 3.99
- 2-Conductor Hookup Wire. 18-gauge stranded. UL listed. 25 feet. 278-567 ..... 3.99

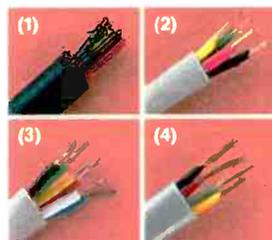


## Double-Shielded 4-Cond.

- (1) For data and audio. Very high quality cable with 100% foil wrap plus 75% braided shield. 30 feet. 278-777, 7.95

## Coiled Mike Cable

- (2) Premium quality at low cost! Ideal for replacing CB, Ham and marine radio mike cords. Four conductors (one is shielded). 5 feet. 278-356 ..... 2.99



## NEW! Telephone Cable and Cord

- (1) Indoor-Outdoor. Rugged 4-conductor cable. 24-gauge solid. UL. 250 ft. 275-386 ..... 34.99
- (2) Four-Conductor. 24-gauge solid. UL listed. 50 Feet. 278-872, 6.49
- 100 Feet. 278-873, 11.99
- Bulk. 278-1310 ..... Price Per Foot/13¢
- (3) Six-Conductor. 24-gauge solid. UL listed. 100 feet. 278-874 ..... 14.99
- (4) Modular Phone Cord. 4-conductor stranded. 50 Feet. 278-365, 5.99
- 100 Feet. 278-366, 11.99



## NEW! Hookup Wire

■ Type AWM  
■ UL Recognized

One Spool, One Color ... Each 3.99

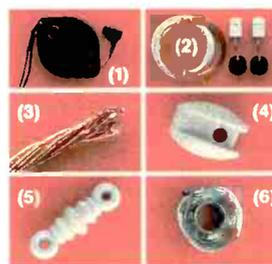
Fig.	Cond.	Gauge	Feet*	Cat. No.
1	Solid	18	60	278-1217
2	Stranded	18	55	278-1220
2	Stranded	20	75	278-1219
1	Solid	20	80	278-1216
1	Solid	22	100	278-1215
2	Stranded	22	90	278-1218

\*Total footage; colors vary.

Three Spools, 3 Colors ... Each 4.49

Fig.	Cond.	Gauge	Feet*	Cat. No.
1	Solid	18	60	278-1223
2	Stranded	18	45	278-1226
2	Stranded	20	60	278-1225
1	Solid	20	75	278-1222
1	Solid	22	90	278-1221
2	Stranded	22	75	278-1224

\*Total footage; colors vary.



## Antenna Wire and Accessories

- (1) Portable Shortwave Antenna. DX grabber! Clips over rod antenna. Wire extends to 23 feet and rolls up on compact travel/storage reel. 278-1374 ..... 8.95
- (2) SW Antenna Kit. 75 ft. wire, 50 ft. lead-in, window feedthrough, insulators. 278-758 ..... 8.49
- (3) Antenna Wire. 70 ft. of extra-strong 14-gauge, 7-strand copper. 278-1329 ..... 5.99
- (4) Mini-Egg Insulators. 278-1335, Pkg. of 2/2.99
- (5) "Dogbone" Insulator. 3 1/2". 278-1336 ..... 1.99
- (6) Outdoor RF Connector Sealant. Keeps moisture out of hookups. 60" roll. 278-1645 ..... 2.49



## NEW! Shielded Mike and Audio Cable

- (1) Balanced Mike Cable. Two shielded conductors. 30 ft. 278-1281 ..... 19.95
- (2) Mini Mike Cable. UL listed. 30 feet. 278-510 ..... 4.99
- Heavy-Duty Mike Cable. UL listed. 40 feet. 278-511 ..... 8.99

- Audio Cable. Great for building patch cords. UL listed. 20 feet. 278-512, 3.49
- 2-Conductor Audio Cable. UL listed. 50 feet. 278-513 ..... 6.95
- 2-Conductor Audio Cable. UL listed. 20 feet. 278-514 ..... 3.49

## NEW and Improved! Archer® Coax Cable

See Page 96 for Bulk Discounts

■ Made in USA by Us

Now an even better value! Ideal for Amateur Radio, CB, scanner, TV and FM radio hookups. UL listed.

RG Type	Ohms	OD (in.)	Velocity Factor	Loss in dB Per 100 Feet	Cap. Per Ft.	Center Cond.	Cat. No.	Per Ft.
8	52	.405	66%	100 MHz: 1.9 400 MHz: 4.1	26.4 pF	13# 7 x 21	278-1312	.49
8/M	51	.242	78%	100 MHz: 3.7 400 MHz: 8.0	25.2 pF	18# 19 x 29	278-1313	.28
58	53	.196	66%	100 MHz: 4.5 400 MHz: 10.0	28.5 pF	20# Solid	278-1314	.20
59*	80	.242	78%	100 MHz: 2.9 400 MHz: 5.9	15.6 pF	22# Solid	278-1315	.20
6	75	.266	78%	100 MHz: 2.2 400 MHz: 4.4	17.5 pF	18# Solid	278-1316	.20
6QS	75	.286	78%	100 MHz: 2.1 400 MHz: 4.4	17.3 pF	18# Solid	278-1317	.31



## Ready-to-Use "52-Ohm" RF Cable Assemblies

- (1) 6-Foot BNC to BNC. For test instrument and RF hookups. 278-964 ..... 5.99
- (2) 3-Foot Cellular Phone Extension. Male TNC to female TNC. 278-976 ..... 4.99
- (3) 2-Foot RG-58 Patch. PL-259 at each end. 278-968 ..... 4.99
- 20-Foot RG-58. PL-259 at each end. 278-967 ..... 6.99
- 50-Foot RG-58. PL-259 at each end. 278-971 ..... 13.99
- (4) 10-Foot RG-8/M Patch. PL-259 at each end. 278-979 ..... 7.99
- (5) 5-Foot RG-8 Patch. PL-259 at each end. 278-969 ..... 6.49
- (6) **NEW!** 50-Foot RG-8 Patch. PL-259 at each end. 278-980 ..... 32.99
- (7) 6-Foot RG-58 Extension. PL-259 to SO-239. 278-975 ..... 5.29
- (8) 20-Foot Mobile Antenna Harness. PL-259 to spades. 278-966 ..... 6.99

# ARCHER MAKES ANY WIRING JOB EASIER



## Everything You Need for a Neater Wiring Installation

- (1) Reusable Cable Ties. Bundle together cables. Accept bundle up to 1 3/8" diameter. Hang-up loop. 278-1622 ... **Pkg. of 10/4.99**
- (2) Indoor/Outdoor Nylon Wire Ties. 8" long. Ultraviolet (UV) stabilized for long outdoor life. 278-1652 ... **Pkg. of 30/2.99**
- (3) 4" Wire Ties. Unbreakable nylon. Self-locking. 278-1632 ... **Pkg. of 30/1.59**
- (4) Wire Ties. 278-1631 ... **Pkg. of 30/1.99**
- (5) 8" Wire Ties. 278-1642 ... **Pkg. of 30/2.99**
- (4) Wire-Tie Mounts. Adhesive backed. 3/4 x 3/4". 278-441 ... **Pkg. of 10/1.59**

- (5) Cable Tie/Marker. For cables up to 5/8" diameter. 278-1648 ... **Pkg. of 10/2.49**
- (6) AC Cord Ties. 278-1646 ... **Pkg. of 6/6.99**
- (7) **NEW!** Beaded Wire Ties. Adjustable and reusable. UV stabilized—ideal for outdoor use. 6 7/16" long. 278-1619 ... **Pkg. of 10/7.99**
- (8) **NEW!** Self-Stick Wire Clips. Great for baseboards. Hold most household speaker, power and modular phone wires. For indoor use. 278-1618 ... **Pkg. of 12/1.99**

- (9) Nail-In Coax Clips. Slip over cable. For RG-58 Cable. 20-192 ... **Pkg. of 10/9.99**
- For RG-8 Cable. 20-193 ... **Pkg. of 6/9.99**
- Cable Clips. Strong adhesive backing. Attach cables to wall or baseboard.

Fig.	Type	Accepts Cable Dia.	Cat. No.	Pkg. of	Price
10	Jumbo	5/8"	278-1641	3	1.79
11	Standard	3/4"	278-1640	10	2.69
12	Adjustable	1/2"	278-1639	10	2.49
13	Universal	3/8"	278-1647	10	2.79

- (14) Split Loom Tubing. Gathers wires into a bundle. 5 ft., 1/2" diameter. 278-1624, 3.99
- (15) Spiral Wrap. 10 feet. 278-1638, 1.99
- (16) Wall Feedthrough Bushing for Coax. For RG-6, 8M. 278-1644 ... **Pkg. of 2/4.99**
- For 59, 58, 62. 278-1643 ... **Pkg. of 2/4.99**
- (17) Strain Reliefs. For cable-entry point on chassis or enclosure. 278-1636 ... **6/7.99**
- (18) Heat Shrink Tubing. 1/8 to 1/2" sizes. UL listed. 278-1627 ... **Pkg. of 7/1.79**
- (19) Wire Markers. Total of 630 "peel 'n stick" letters, numbers. 278-1650, **Set 1.79**



## Polarized Interlocking Connectors

Heavy-Duty

Male. 250V Per Circuit				Female. 250V Per Circuit			
Pos.	Amps	Cat. No.	Each	Pos.	Amps	Cat. No.	Each
2	20	274-151	.99	2	20	274-154	.99
6	15	274-152	1.69	6	15	274-155	1.69

Standard

Male. 125V Per Circuit				Female. 125V Per Circuit			
Pos.	Amps	Cat. No.	Each	Pos.	Amps	Cat. No.	Each
4	9	274-224	1.09	4	9	274-234	1.09
6	9	274-226	1.39	6	9	274-236	1.39
9	9	274-229	1.59	9	9	274-239	1.59
12	7.5	274-232	1.69	12	7.5	274-242	1.69

Two-Pin Male/Female Set. Up to 12 amps, 250VAC per circuit. 274-222 ... **Set 99¢**



## NEW! Pin Extractor

For standard polarized connectors. Remove male and female .093" diameter locking crimp pins without damage. 278-223 ... **4.99**



## NEW! Drive Cable

Extension power cable for many 5 1/4" floppy and most hard drives. Extends existing cable by 10". 278-767 ... **2.49**



## Speaker Terminal Plates

- (1) With Hang-Up Slot. Makes it easy to mount a speaker on the wall. Recessed spring-action terminals. 274-627 ... **2.19**
- (2) With Phono Jack. 274-625 ... **1.99**
- (3) Two-Position Pushbutton Terminal. 274-315 ... **1.29**
- (4) Eight-Position Pushbutton Terminal. Spring action. 274-623 ... **2.99**
- Four-Position. 274-622 ... **1.59**
- Two-Position. 274-621 ... **1.19**

## MEGACABLE and Accessories

- (1) MEGACABLE® Speaker Wire. Our very best! Massive 12-gauge braided pure copper conductors and deluxe insulation. 278-1268 ... **Per Foot 99¢**
- (2) MEGACABLE Speaker Plate. Recessed terminals accept large speaker wires. 274-628 ... **2.49**
- (3) Gold-Plated Connectors. Includes four red, four black. 64-401 ... **Set of 8/5.19**
- (4) Smaller Version. 64-402 ... **Set of 8/4.69**
- (5) Gold-Plated Pin-Type Connectors. Will accept large wire. 64-403 ... **Set of 4/3.29**



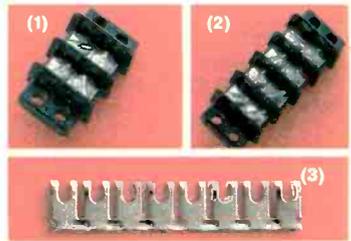
## Terminal Strips

- (1) 12-Position "Jumbo" Euro-style Barrier Strip. 274-677 ... **3.99**
- (2) 12-Position Terminal. 274-679 ... **2.29**
- (8) 8-Position Terminal. 274-678 ... **1.89**

- (3) Screw Terminals. Ideal for antenna and speaker hookups. 274-663 ... **Pkg. of 2/9.99**
- (4) Screw Terminals With Phono Jack. 274-620 ... **Pkg. of 2/1.59**
- (5) Five-Lug Tie Points. Use center lug for grounding. 274-688 ... **Pkg. of 4/1.29**

## Barrier Strips & Accessories

- (1) 2-Position. Heavy duty. Barriers help prevent accidental contact and short circuits. 274-656 ... **Pkg. of 2/1.49**
- (2) 4-Position. 274-658 ... **Each 1.49**
- 6-Position. 274-659 ... **Each 1.59**
- 8-Position. 274-670 ... **Each 2.19**
- Chassis-Mount Feedthrough Barrier Strip. Eight positions. 274-653 ... **2.59**
- (3) 8-Position Jumper. 274-650 ... **1.59**



## Six-Foot AC Power Cords

- (1) Replacement Cord. 278-1255 ... **1.19**
- (2) 3-Prong Plug. 10A/125VAC. 278-1258, 2.99
- (3) Recorder/Radio. Two-prong AC plug. Other end fits many portable cassette recorders and radios. 278-1254 ... **2.49**
- Recorder/Radio. Similar to Fig. 3. 278-1256 ... **1.99**



## Polarized Connectors

Rated 7.5 amps, 500V maximum per position.

Type	Positions	Cat. No.	Each
Plug	2	274-201	2.19
Socket	2	274-202	2.39
Plug	4	274-204	2.19
Socket	4	274-205	2.39



## DC Power Connectors

- (1) Plugs. Fit DC jack of many portables.

O.D.	I.D.	Cat. No.	Pkg. of 2
3.5 mm	1.1 mm	274-1574	1.69
3.5 mm	1.3 mm	274-1571	1.69
5.0 mm	1.6 mm	274-1570	1.29
5.0 mm	2.1 mm	274-1567	1.29
5.0 mm	2.5 mm	274-1568	1.29
5.5 mm	2.1 mm	274-1569	1.29
5.5 mm	2.5 mm	274-1573	1.29
6.3 mm	3.0 mm	274-1572	1.49

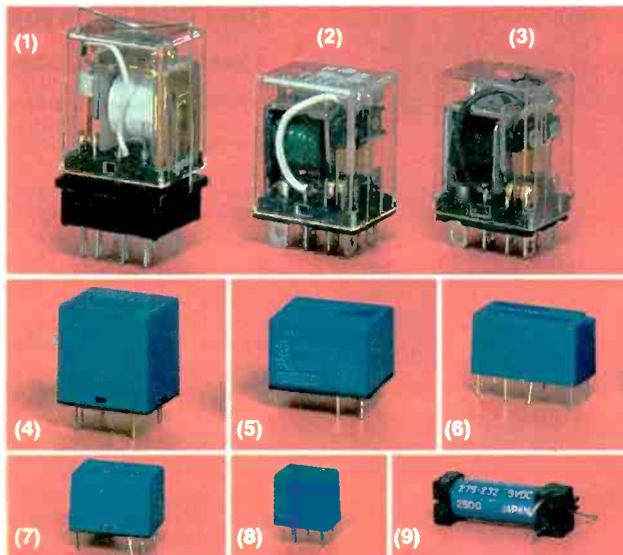
- (2) Metal Panel-Mount DC Power Jack. 5.5 mm outside dia., 2.1 mm I.D. 274-1563, 1.59
- 5.5 mm O.D., 2.5 mm I.D. 274-1578, 1.59
- (3) Molded DC Power Jacks. 5.0 mm O.D. and 2.1 mm I.D. 274-1565, **Pkg. of 2/1.29**
- (4) Inline Jacks. 5.5 mm O.D. 2.1 mm I.D., 274-1577. 2.5 mm ID, 274-1578, **Each 1.79**

# RELAYS, TRANSFORMERS & ARCHERPAKS

## Wide Selection of Top-Quality Relays—All Include Data and Handy Pin-Out Diagram

Radio Shack has an Archer® relay for nearly every need. All are enclosed to prevent contamination by dust and moisture. Fig. 8 fits a 14-pin DIP socket.

Fig.	Description	Coil	Contacts and Rating	Size	Cat. No.	Each
1	Plug-In With Socket	12VDC, 75mA, 150Ω	DPDT. 3A at 125VAC	1 1/4 x 1 x 3/4"	275-206	5.99
2	10-Amp Plug-In	12VDC, 130mA, 160Ω	DPDT. 10A at 125VAC	1 5/8 x 1 x 3/4"	275-218	5.99
...	10-Amp Plug-In	125VAC, 15 mA, 4500Ω	DPDT. 10A at 125VAC	1 5/8 x 1 x 3/4"	275-217	5.99
...	Socket for Fig. 2	...	...	...	275-220	1.79
3	4PDT Plug-In	12VDC, 130 mA, 150Ω	4PDT. 3A at 125VAC	1 3/8 x 1 1/8 x 13/16"	275-214	5.49
...	Socket for Fig. 3	...	...	...	275-221	1.69
4	2-Amp SPDT Mini	7-9VDC, 18 mA, 500Ω	SPDT. 2A at 120VAC	3/4 x 3/4 x 9/16"	275-005	2.99
5	10-Amp SPDT Mini	12VDC, 38 mA, 320Ω	SPDT. 10A at 125VAC	9/16 x 25/32 x 9/8"	275-248	2.99
6	1-Amp DPDT Mini	12VDC, 43 mA, 280Ω	DPDT. 1A at 120VAC	7/16 x 3/4 x 1/2"	275-249	3.99
7	2-Amp SPDT DIP	5VDC, 72 mA, 70Ω	SPDT. 2A at 125VAC	3/8 x 9/16 x 3/8"	275-243	2.39
8	1-Amp SPDT Micro	5VDC, 90 mA, 55Ω	SPDT. 1A at 125VAC	1 1/32 x 3/8 x 1/4"	275-240	1.99
...	1-Amp SPDT Micro	12VDC, 37.5 mA, 320Ω	SPDT. 1A at 125VAC	1 1/32 x 3/8 x 1/4"	275-241	1.99
9	1-Amp SPST Reed	5VDC, 20 mA, 250Ω	SPST. 1A at 125VAC	1" x 5/16" dia.	275-232	1.89
...	1-Amp SPST Reed	12VDC, 11 mA, 1.05kΩ	SPST. 1A at 125VAC	1" x 5/16" dia.	275-233	1.89



### UL Recognized Power Transformers

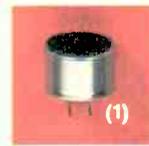
- 120 VAC Primary
- CT Indicates Center Tap

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	12.6	300 mA	2 1/16 x 1 x 1 3/16	273-1385	3.49
Miniature	12.6 CT	450 mA	1 7/16 x 2 3/8 x 1 1/2	273-1365	4.29
Miniature	25.2 CT	450 mA	1 11/16 x 2 15/16 x 1 1/16	273-1366	4.99
Standard	12.6 CT	1.2 A	1 11/16 x 2 15/16 x 1 1/16	273-1352	5.99
Heavy-Duty	12.6 CT	3.0 A	2 3/4 x 2 1/4 x 2	273-1511	8.99
Heavy-Duty	18.0 CT	2.0 A	2 3/4 x 2 1/4 x 2	273-1515	9.49
Heavy-Duty	25.2 CT	2.0 A	2 3/4 x 2 1/4 x 2	273-1512	9.99



### Fast and Effective Fixes for RFI Problems

- (1) **Snap-Together Choke Ferrite.** Reduces transmission and pickup of RFI (radio-frequency interference). No cutting! Snaps over keyboard or peripheral cables, AC line cords, audio leads, coax. 273-105 ..... 4.99
- (2) **Snap-Together Toroid Choke Core.** Simply wind cable through core and snap together. Opening: 7/8 x 7/8". Stackable. 273-104 ..... Pkg. of 2/7.95
- (3) **100 μH RF Choke.** Rated 2A. Wire leads. 273-102 ..... 99¢



### Electret Mike Elements

(1) **PC-Mount Omnidirectional.** Has 20-15,000 Hz response. Requires 2-10VDC. 270-090 ..... 1.79

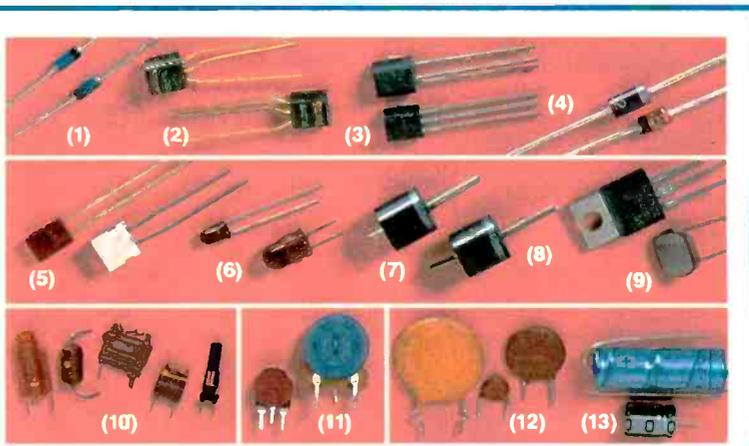


(2) **Omnidirectional.** Ideal for repairing or upgrading older mikes. Has excellent 30-15,000 Hz response. With leads. Requires 4-10VDC. 270-092 ..... 2.99



### DC Voltmeter

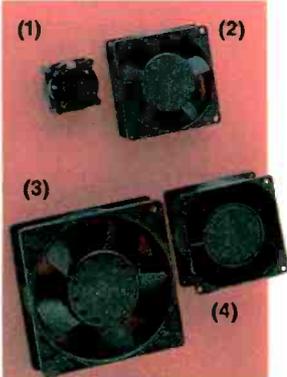
0 to 15VDC. Great for monitoring voltage of a car electrical system or a power supply. Has jeweled movement. Mounts in a 1 7/8"-diameter round panel hole. 270-1754 ..... 7.95



### ArcherPak Assortments! Super-Bargains, Only \$1.98 Each

- (1) 50 Silicon Switching Diodes. 1N914/4148-type. 276-1620 ..... 1.98
- (2) 15 NPN Transistors. Switching type. 600 mW. 276-1617 ..... 1.98
- (3) 15 PNP Transistors. Similar to 2N3906. 350 mW. 276-1604 ..... 1.98
- (4) 25 Rectifier Diodes. Ten 1N4001s, five 1N4002s, five 1N4004s and five others are included. 276-1653 ..... 1.98
- (5) 10 Rectangular LEDs. May include red, green, yellow, regular and high-efficiency types. Light up your projects and models! 276-1655 ..... 1.98
- (6) 20 Assorted LEDs. May include MV-series, green, red, amber and infrared emitters. 276-1622 ..... 1.98
- (7) 4 Rectifier Diodes. Rated 6 amps, 50 PIV. 276-1661 ..... 1.98
- (8) 5 Voltage Regulators. Includes one 7805, one 7812 and three other types. For power supply projects and replacement. 276-1660 ..... 1.98
- (9) 5 Photocells. Cds photoresistors. Various styles and ratings. 276-1657 ..... 1.98
- (10) Inductor Assortment. 30 pieces! May include RF, IF, video peaking coils, chokes and transformers. 273-1601 ..... 1.98
- (11) 12 Trimmer Resistors. Assorted styles and values. 271-1605 ..... 1.98
- (12) 100 Disc Capacitors. May include NPO, HI-Q, N-750, Mylar and ceramic types. Assorted values. 272-801 ..... 1.98
- (13) 20 Electrolytic Capacitors. Assorted values and styles. 272-802 ..... 1.98

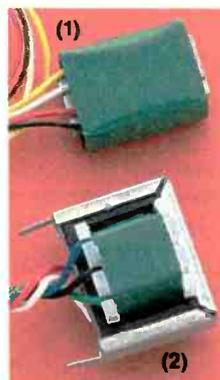
# FANS, TRANSFORMERS, MOTORS & CLIPS



## Our Quiet Fans Help Preserve Equipment

■ End Heat Problems in Computers, Audio and Ham Equipment

- (1) **12VDC Brushless Micro Fan.** Tiny, tough and efficient! Great for cooling mobile equipment and hum or AC-sensitive circuits. 3.5 CFM airflow. Rated 150 mA.  $1\frac{1}{16} \times 1\frac{1}{16} \times 1\frac{1}{32}$ ". 273-244 **17<sup>95</sup>**
- (2) **12VDC Brushless 3" Fan.** Good choice for cooling mobile audio power amps and boosters. Low sound level—34 dB maximum. 27 CFM.  $3\frac{5}{32} \times 3\frac{3}{32} \times 1\frac{1}{32}$ ". 273-243 **14<sup>95</sup>**
- (3) **120VAC 4" Fan.** Powerful 65 CFM airflow is ideal for heavy-duty cooling applications. Rated 22 watts. UL recognized. Approximately  $4\frac{1}{16} \times 4\frac{1}{16} \times 1\frac{1}{2}$ ". 273-241 **18<sup>95</sup>**
- (4) **120VAC 3" Fan.** 32 CFM. The perfect cooling fan for many personal computers. Rated 10 watts. Special low-noise design. UL recognized.  $3\frac{3}{32} \times 3\frac{3}{32} \times 1\frac{1}{2}$ ". 273-242 **16<sup>95</sup>**



## Audio Transformers

- (1) **1:1 Audio Isolation Transformer.** For telephone interconnects, inter-stage coupling, remote broadcasts, more. 600 to 900 ohms impedance. 273-1374 **3<sup>59</sup>**
- (2) **Audio Output Transformer.** With 1000-ohm center-tapped primary and 8-ohm secondary.  $\frac{3}{4} \times \frac{5}{8} \times \frac{5}{8}$ ". 273-1380 **1<sup>69</sup>**



## Hobby Motors

- (1) **Low-Voltage DC.** Ideal for robotics and solar-power demonstrations. 8300 RPM max. About  $1\frac{1}{2}$ " long (including shaft) by  $\frac{15}{16}$ " diameter. 273-223 **99<sup>c</sup>**
- (2) **High-Speed 12VDC.** Approximately 15,200 RPM at no load, 11,500 RPM under load. About 2" long (including shaft) by 1" diameter. 273-255 **2<sup>99</sup>**



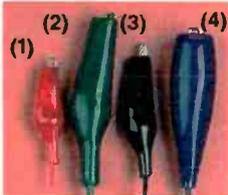
## Heavy-Duty Battery Clips

- Ideal for car battery hookups. Sets include one red, one black.
- (1) **50-Amp.** For big jobs like repairing jumper cables or battery chargers.  $4\frac{1}{2}$ " long. Open to  $1\frac{1}{8}$ ". 270-342 ... **Set of 2/2.49**
  - (2) **30-Amp.** Ideal for hookup to battery posts.  $3\frac{3}{8}$ " long. Open to  $1\frac{1}{8}$ ". 270-343 ... **Set of 2/1.99**
  - (3) **10-Amp.**  $2\frac{1}{4}$ " long. Open to  $\frac{7}{8}$ ". 270-344, **Set of 2/1.89**



## Test Equipment Adapters

- (1) **NEW! Dual Binding Posts to BNC Male.** Standard  $\frac{3}{4}$ " spacing. 50-ohms impedance. 274-715 **8<sup>95</sup>**
- (2) **NEW! Binding Post to Banana Plug.** Stackable. Set of 2. 274-716 **4<sup>95</sup>**
- (3) **NEW! Dual Inline Banana-Type.** Jacks accept test probes, probe wire and/or banana plugs. 274-717 **2<sup>99</sup>**



## Color-Coded Jumper Cables

- With insulated alligator clips at each end except 278-002.
- (1) **Set of 10.** 14" long. Five colors. 278-1156 ... **10/3.99**
  - (2) **Set of Four.** 30" long. Four colors. 278-001 ... **4/3.69**
  - (3) **Set of Eight.** 24" long. Four colors. 278-1157, **8/3.99**
  - (4) **Set of Six Heavy-Duty.** 40" long. Six colors. With insulated claw-type clips. 278-002 ... **6/4.69**



## Banana Plugs, Binding Posts and Clips

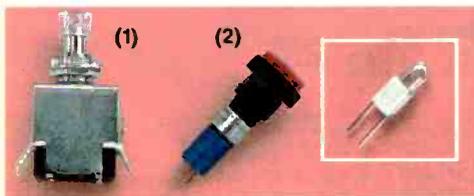
- (1) **Stackable Banana Plugs.** Built-in jack allows multiple "chain" connections. Solder type. One red, one black. 274-734 ... **Set of 2/1.59**
- (2) **Solderless Banana Plugs.** Red, black. 274-721 ... **Set of 2/1.59**
- (3) **Flex Banana Plugs.** Solder type. Flexible strain relief. Ideal for building or repairing test leads. One red, one black. 274-730 ... **Set of 2/1.69**
- (4) **Banana Jacks.** Mount in  $\frac{1}{4}$ "-diameter panel hole. Includes one red and one black. 274-725 ... **Set of 2/99<sup>c</sup>**
- (5) **Multipurpose Posts.** Versatile—accept banana plugs, spades, phone tips, wires. Two red, two black. 274-661 ... **Set of 4/2.39**
- (6) **Nylon Binding Posts.** For  $\frac{3}{16}$ " mounting holes. Accept up to 14-ga. wire. One red and one black. 274-662 ... **Set of 2/1.59**
- (7) **Rainbow Pack of Micro-Hook Clips.** Four colors. 270-355, **Set of 4/2.69**
- (8) **Mini Hook Clips.** One red, one black. 270-372 ... **Set of 2/1.89**



## Assorted Test and Hookup Clips

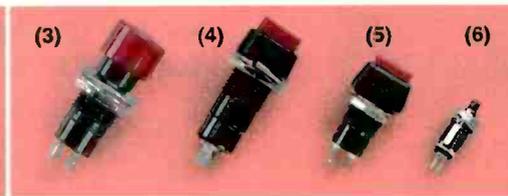
- (1)  **$1\frac{1}{8}$ " Mini.** Includes six red and six black. 270-1545 ... **Set of 12/2.69**
- (2)  **$1\frac{1}{4}$ " Mini.** Set includes three black, three red, two green and two yellow. 270-378 ... **Set of 10/1.69**
- (3)  **$1\frac{1}{8}$ " Brass-Plated Micro.** Four red, four black. 270-1540 ... **Set of 8/2.49**
- (4)  **$2\frac{1}{4}$ " Alligator.** Screw term. Five red, five black. 270-375 ... **Set of 10/2.39**
- (5)  **$2\frac{5}{8}$ " Heavy-Duty Claw.** Rated 10A. Two black, two red. 270-349, **Set of 4/1.99**
- (6)  **$1\frac{3}{8}$ " Claw.** Rated 5A. Two black, two red. 270-359 ... **Set of 4/1.79**
- (7)  **$2\frac{1}{4}$ " Alligator.** Screw terminals. Five red, five black. 270-347, **Set of 10/2.19**
- (8)  **$1\frac{3}{8}$ " Mini Alligator.** Five red, five black. 270-374 ... **Set of 10/1.59**
- (9) **2" Alligator.** Screw terminals. Two black, two red. 270-356 ... **Set of 4/1.79**
- (10) **2" Sllm.** With screw terminals. 270-346 ... **Pkg. of 8/2.19**
- (11)  **$1\frac{3}{8}$ " Claw.** Rated 5 amps. With screw terminals. 270-345 ... **Pkg. of 8/1.99**
- (12)  **$1\frac{1}{8}$ " All-Purpose Micro.** Have copper-plated, non-serrated ends. 270-373 ... **Pkg. of 10/1.89**
- (13)  **$1\frac{1}{4}$ " Mini.** Rated 1 amp. Solder type. 270-380 ... **Pkg. of 12/1.79**

# RADIO SHACK HAS THE SWITCH YOU NEED



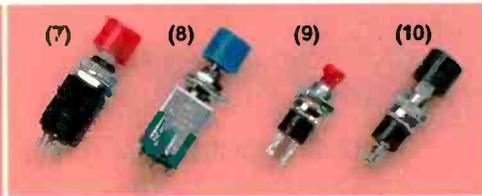
## Illuminated AC Switches

- (1) Lighted 125VAC SPST Push On/Push Off. Heavy-duty 10-amp rating. For 125VAC use only. Button lights when switch is on.  $\frac{7}{16}$ "-diameter stem. 275-671 ..... 3.99
- (2) Lighted 125VAC SPDT Push On/Push Off. Rated 3 amps at 125VAC. Replaceable lamp requires 12 volts, AC or DC.  $\frac{7}{16}$ "-diameter stem. 275-676 ..... 6.49
- Replacement Bulb for Fig. 2. "Bi-pin" type miniature 12-volt, 40 mA lamp designed for long life. 272-1154 ..... 1.29



## Push On/Push Off and Momentary Switches

- (3) SPST Push On/Push Off. 3 amps at 250VAC.  $\frac{1}{2}$ "-diameter stem. 275-011 ..... 1.39
- Momentary. N.O. 275-609 ..... Pkg. of 2/1.79
- (4) SPST Push On/Push Off. 3 amps at 250VAC.  $\frac{1}{2}$ "-diameter stem. 275-617 ..... 1.69
- Momentary. N.O. 275-618 ..... 1.59
- (5) SPST "Soft-Feel" Push On/Push Off. 3 amps at 125VAC.  $\frac{3}{8}$ " stem. 275-1565 ..... 1.99
- Momentary. N.O. 275-1566 ..... 1.89
- (6) SPST Momentary. N.O. 0.5A at 125VAC.  $\frac{3}{16}$ " stem. 275-1571 ..... Set of 2/2.39



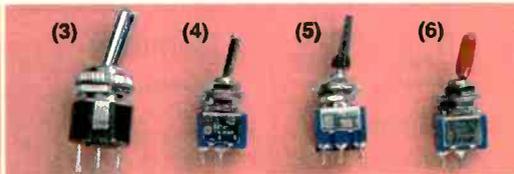
- (7) Mini SPDT Push On/Push Off. Rated 3A at 125VAC.  $\frac{5}{16}$ "-diameter stem. 275-1555 ..... 2.49
- (8) Mini SPDT Momentary Pushbutton. 3A at 125VAC.  $\frac{1}{4}$ "-diameter stem. 275-1549 ..... 2.59
- (9) Mini SPST Momentary. Rated 0.5A at 125VAC.  $\frac{1}{4}$ " stem. Normally open. Solder lug terminals. 275-1547 ..... Pkg. of 4/2.69
- Normally Closed Version of Fig. 9. 275-1548 ..... Pkg. of 4/2.89
- (10) SPST Mini Momentary Pushbutton. 3A at 125VAC.  $\frac{1}{4}$ "-diameter stem. 275-1556 ..... 1.99



## Heavy-Duty Toggle Switches

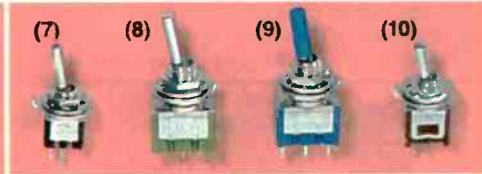
### Archer® Switches for Projects and Repairs

- (1) DPDT Center Off. One of our most popular switches, year after year! Rated 10 amps at 125VAC. Features screwdriver terminals for easy hookup and includes label plate.  $\frac{7}{16}$ "-diameter stem. 275-1533 ..... 1.89
- (2) Flat Lever. Rated 6 amps at 250VAC. Solder lug terminals.  $\frac{3}{8} \times 1$ " lever.  $\frac{7}{16}$ " stem. UL listed. SPST. 275-651 ..... 1.99
- DPDT. 275-652 ..... 2.49
- SPDT Center Off. 275-654 ..... 2.39
- DPDT. Center Off. 275-653 ..... 2.69
- (3) SPDT. 5A at 125VAC.  $\frac{7}{16}$ " stem. 275-603 ..... 1.59



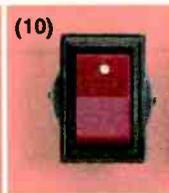
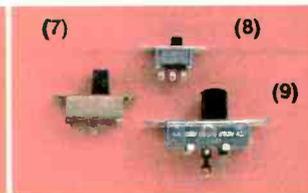
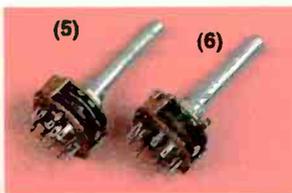
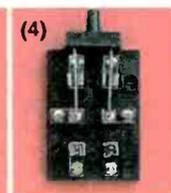
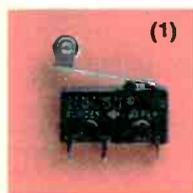
## Miniature Toggle Switches

- (4) Flat Lever. 6A at 125VAC.  $\frac{1}{4}$ " stem. SPST. 275-634 ..... 2.69
- SPDT. 275-635 ..... 2.89
- DPDT. 275-636 ..... 3.39
- DPDT Momentary. 275-637 ..... 3.69
- (5) Mini. 6A at 125VAC.  $\frac{1}{4}$ "-diameter stem. DPDT. 275-663 ..... 3.59
- DPDT Center Off. 275-664 ..... 3.79
- (6) HI-Current Mini. 10A at 125VAC.  $\frac{1}{4}$ " stem. SPST. 275-324 ..... 2.89
- SPDT. 275-326 ..... 2.99
- SPDT Center Off. 275-325 ..... 3.39
- DPDT. 275-1546 ..... 3.59
- DPDT With Center Off. 275-1545 ..... 3.79



## Submini and Micro Toggles

- (7) Micromini. 3A at 125VAC.  $\frac{1}{4}$ " stem. SPST. 275-624 ..... 2.29
- SPDT. 275-625 ..... 2.39
- DPDT. 275-626 ..... 2.59
- (8) Submini. 3A at 125VAC.  $\frac{1}{4}$ " stem. SPST. 275-612 ..... 2.49
- SPDT. 275-613 ..... 2.59
- DPDT. 275-614 ..... 2.99
- DPDT Center Off. 275-620 ..... 3.19
- (9) SPDT Momentary. 6A at 125VAC. Spring return to one position.  $\frac{1}{4}$ " stem. 275-619 ..... 2.39
- (10) PC-Mountable Submini SPST. 0.3A at 125VAC.  $\frac{1}{4}$ " stem. 275-645 ..... 1.99

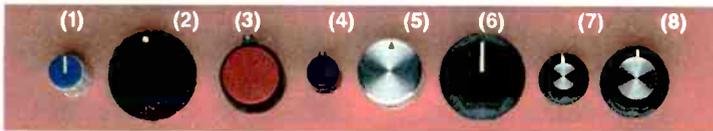


## Wide Selection of DIP, Lever, Mercury, Knife, Rotary, Slide and Rocker Switches

- (1) SPDT With  $\frac{1}{4}$ " Roller Lever. Operating force: 5 grams. Rated 5 amps at 250VAC.  $\frac{3}{4} \times \frac{1}{4} \times \frac{3}{8}$ ". UL listed. 275-017 ..... 1.79
- (2) SPDT With  $\frac{3}{4}$ " Lever. Rated 5 amps at 250VAC. 275-016 ..... 1.69
- (3) NEW! Mercury Bulb. Just the thing for motion detectors and science fair projects. Rated 2A at 12VDC. Compact T-1 $\frac{1}{2}$  envelope. 275-040 ..... 1.29
- (4) DPDT Knife-Type. Screw terminals. 0.5A/200VDC.  $1\frac{1}{8} \times 2\frac{1}{8} \times \frac{3}{4}$ ". 275-1537, 1.29
- (5) Rotary 2-Pole, 6-Position. Nonshorting. 0.3A at 125VAC. 275-1386 ..... 1.39
- (6) Rotary 1-Pole, 12-Position. Shorting. Rated as above. 275-1385 ..... 1.39

- (7) SPST Submini Slides. 0.3A at 125VAC. 275-406 ..... Pkg. of 2/79¢
- DPDT Submini Slides. 0.3A at 125VAC. 275-407 ..... Pkg. of 2/89¢
- (8) SPDT Micromini Slides. Rated 3 amps at 125VAC. 275-409 ..... Pkg. of 2/1.19
- (9) SPST Heavy-Duty Slides. 3A at 125VAC. 275-401 ..... Pkg. of 2/1.19
- DPDT Heavy-Duty Slides. 3A at 125VAC. 275-403 ..... Pkg. of 2/1.39
- Six-Piece Slide Switch Kit. 0.5A/125VAC. Includes one SPDT, one DPST, two DPDT, two SPST, 12 mounting screws. 275-327 ..... Set of 6/1.99
- (10) SPST Heavy-Duty Rocker. 6A at 125VAC.  $\frac{3}{4}$ " stem. 275-690 ..... 1.99
- DPDT Heavy-Duty Rocker. 6A at 125VAC.  $\frac{3}{4}$ " stem. 275-691 ..... 2.59

# FIXED RESISTORS, KNOBS, AND CONTROLS

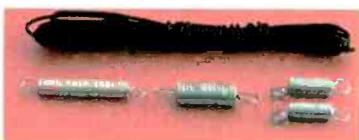


## Control Knobs for 1/4"-Diameter Shafts

■ With Quality Brass Bushings and Set Screws

- (1) **Two-Color.** Gray base and blue cap, knurled grip finish. 19/32" dia. by 11/16". 274-428 . . . . **Pkg. of 2/1.79**
- (2) **Communications.** 1 1/2" diameter by 11/16". Feature knurled grip and grooved pointer. 274-402 . . . . . **Pkg. of 2/1.19**
- (3) **Red Insert.** 1" dia. by 5/8". Adds a modern look to any project. Use with blue insert style, below, to color-code your controls. 274-433 . . . . . **Pkg. of 2/1.29**
- (4) **Blue Insert.** 1/2" diameter by 3/8" deep. Color-matched to our popular #270-220 series of blue project enclosures for a professional look. 274-403 . . . . . **Pkg. of 2/99¢**

- (5) **Contemporary.** 1" diameter by 5/8". Metal over plastic construction with handsome engraved finish. Perfect choice for tuning and volume controls. 274-424, **Pkg. of 2/2.19**
- (6) **Hexagonal.** About 1 1/4 by 5/8". Durable plastic construction with classic styling. Ideal replacement choice. 274-407 . . **Pkg. of 2/1.29**
- (7) **Hexagonal With Aluminum Insert.** Indexed for easy control, knurled plastic grip. 3/4" by 7/16". 274-415 . . . . . **Pkg. of 4/1.69**
- (8) **Jumbo 1 x 9/16" Version of Fig. 7.** Indexed for easy grip. Classic styling—ideal for dressing up projects. 274-416 . . . . **Pkg. of 4/1.99**



## Dial Cord Replacement Kit

**NEW!** Six-foot, high-strength dial cord replacement with four assorted tension springs. 274-435 . . **99¢**



## PC-Mount Pots

**Horizontal-Style.** 0.1W, 50VDC micro carbon-film trimmers. **Each 49¢**

Ohms	Cat. No.	Ohms	Cat. No.
1k	271-280	47k	271-283
4.7	271-281	100k	271-284
10k	271-282	...	...



## Resistor Assortments

- (1) 1/4-Watt Precision Metal-Film. 1% tolerance. 50-piece set with 12 popular values. 271-309, **Set 2.29**
- (2) 1/4-Watt Carbon. 5% tolerance. 100-piece set with 13 popular values. 271-308 . . . . . **Set 2.99**
- (3) 1/4-Watt Carbon-Film. 5% tolerance. Jumbo 500-piece set with 54 popular values. 271-312, **Set 7.95**
- 1/2-Watt Carbon. 10%. 100 pieces. 21 values. 271-306 . . . . . **Set 3.49**



## Wirewound Resistors

■ 10% Tolerance

Watts	Ohms	Cat. No.	Price
2	10.0	271-080	<b>2/.99</b>
5	0.47	271-130	<b>Ea. / .59</b>
10	1.0	271-131	<b>2/.99</b>
10	10.0	271-132	<b>2/.99</b>
10	50.0	271-133	<b>2/.99</b>
10	100.0	271-135	<b>2/.99</b>



## Metal-Oxide and Non-Inductive

(1) Metal Oxide. One watt. 5%.

Ohms	Cat. No.	Pkg. of 2
10	271-151	<b>.29</b>
100	271-152	<b>.29</b>
1000	271-153	<b>.29</b>

(2) 8-Ohm Non-Inductive. 20 Watts. 5% tolerance. 271-120 . . . . . **1.49**

## 1/2-Watt, 10% Tolerance Carbon Resistors in Packs of 2 25¢

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	180	271-014	1.2k	271-024	22k	271-038
15	271-003	220	271-015	1.5k	271-025	33k	271-040
22	271-005	270	271-016	2.2k	271-027	47k	271-042
33	271-007	330	271-017	3.3k	271-028	100k	271-045
47	271-009	390	271-018	3.9k	271-029	220k	271-049
68	271-010	470	271-019	4.7k	271-030	470k	271-053
82	271-011	560	270-020	5.6k	271-031	1 meg	271-059
100	271-012	680	271-021	10k	271-034	2.2 meg	271-061
150	271-013	1k	271-023	15k	271-036		

## 1/4-Watt, 5% Carbon Resistors

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	470	271-1317	15k	271-1337
100	271-1311	1k	271-1321	22k	271-1339
150	271-1312	2.2k	271-1325	33k	271-1341
220	271-1313	3.3k	271-1328	47k	271-1342
270	271-1314	4.7k	271-1330	100k	271-1347
330	271-1315	10k	271-1335	220k	271-1350

**39¢**  
Pkg. of 5

Ohms	Cat. No.
470k	271-1354
1 meg	271-1356
10 meg	271-1365

## Thermistor

■ Precision Sensor

Resistance changes in proportion to temperature. -50 to +110° C range. 10k-ohm **1.99** at 25° C. 271-110



## Surface-Mount

■ 200-Piece Assortment

Tiny 1/8W, 5% "chip" resistors for "micro" projects or replacement. 15 specific values, 10 ohms to 10 meg ohms. 271-313 **4.99**



## 15-Turn Trimmers

10% Tolerance. For PC mounting. The 15-turn range is ideal for circuit fine-tuning. Rated 3/4-watt.

- 1k Ohm. 271-342 . . . . . **1.49**  
10k Ohm. 271-343 . . . . . **1.49**  
20k Ohm. 271-340 . . . . . **1.49**



## Pocket Guide

**Color Codes.** Essential for "do-it-yourself" electronic projects. Easy-to-read color coding, just match colors to get an accurate readout of resistor, capacitor and inductor values. 271-1210 . . **79¢**



## Potentiometers for Panel or Chassis Mounting

- (1) 2-Watt Rheostat. 25-ohm wirewound pot useful for speaker attenuation and fine circuit adjustment. Tolerance ± 20%. Rated 2 watts continuous, 5 watts intermittent. 271-265, **2.99**
- (2) 100k Stereo Control. Two ganged pots with smooth, precise "feel". 1/2" long, 1/4-diameter shaft. 40% loudness tap. 3/8" mtg. hole. 271-1732 . . . . . **1.99**
- (3) Potentiometers. With 6 mm-diameter shaft for 1/4" applications. 5/16" mounting hole.  
■ Audio Taper  
■ Linear Taper

Ohms	Cat. No.	Each	Ohms	Cat. No.	Each
5k	271-1720	<b>1.19</b>	5k	271-1714	<b>1.19</b>
10k	271-1721	<b>1.19</b>	10k	271-1715	<b>1.19</b>
100k	271-1722	<b>1.19</b>	50k	271-1716	<b>1.19</b>
			100k	271-092	<b>1.19</b>
			1 meg	271-211	<b>1.19</b>

(4) SPST Pot Switch. On/off switch mounts on rear of potentiometers in tables above and many others. Rated 3 amps at 120 VAC. With instructions. 271-1740 . . . . . **79¢**

(5) 10,000-Ohm Audio Pot With SPST Switch. Mini size with 1/4" dia. shaft. Switch rated 3 amps at 30 VDC. Fits 5/16" hole. 271-215 . . . . . **1.99**

# ARCHER® CAPACITORS AND SOUNDERS



## Electrolytics

### ■ Axial Type

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
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
4700	35	272-1022	3.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49



### ■ Radial Type

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

## Non-Polarized Capacitors



50 WVDC. Electrolytics for speaker crossovers and audio filters.

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



## Tantalums

20% Tolerance. High capacity in a small package. IC pin spacing.

μF	WVDC	Cat. No.	Each
0.1	35	272-1432	.59
0.47	35	272-1433	.59
1.0	35	272-1434	.59
2.2	35	272-1435	.69
10	16	272-1436	.79
22	16	272-1437	.19



## Monolithic 5-Pack

0.1 μF Monolithic Ceramic Capacitors. Rated 50 WVDC. High capacity in a small size—ideal for close-to-chip bypassing. 272-109 **PKG. OF 5** **179**



## Disc Assortment

Up to 1000 WVDC. Pack includes NPOs, Hi-Qs, N-750s and ceramics in a wide variety of values. 272-801 **SET OF 100** **198**



## PC Mounting

### ■ Rated 50 WVDC

μF	Cat. No.	Pkg. of 2
.01	272-1065	.59
.022	272-1066	.69
.047	272-1068	.69
.1	272-1069	.79
.22	272-1070	.89



## Picofarad 50-Pack

50 WVDC. Bargain for service technicians and tweekers! 50 hard-to-find small-value ceramic discs in a variety of values from 1 to 33 pF. 272-806 **PKG. OF 50** **299**



## Metal-Film

### ■ Rated 200 WVDC

μF	Cat. No.	Each
.01	272-1051	.49
.1	272-1053	.69
1.0	272-1055	.99



## Hi-Q Ceramic Discs

Moistureproof Coating. With excellent temperature stability and high-Q design for low loss in RF circuits.

.01 μF, 2 kV Disc Ceramic Capacitor. Popular value with a "workhorse" voltage rating. Suitable for demanding jobs—noise bypass in appliances, RF power amps, TV and computer monitor circuits. 272-160 **PKG. OF 2** **99c**

μF	WVDC	Cat. No.	Pkg. of 2
.001	500	272-126	.49
.0047	500	272-130	.49
.01	500	272-131	.49
.047	50	272-134	.49
.1	50	272-135	.59

μF	WVDC	Cat. No.	Pkg. of 2
4.7	50	272-120	.39
47	50	272-121	.39
100	50	272-123	.39
220	50	272-124	.39
470	50	272-125	.39



## Electrolytic Kit

Up to 50 WVDC. Includes mini and submini sizes in a variety of values to complete your parts inventory. 272-802 **SET OF 20** **198**



## Color-TV Crystal

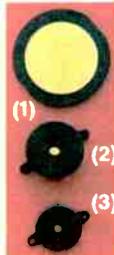
3.579545 MHz. Precision frequency standard in HC10/W package with extra-long wire leads for easy board mounting. 272-1310 **169**



## Trimmer Capacitors

(1) 95-420 pF. Rated 100 VDC for one minute. 272-1336 ..... 1.69  
(2) 6-50 pF. Low-voltage use. For PC/ perboard. 272-1340 ..... 2/1.59

## Sound Off! Radio Shack Has Transducers, Buzzers and Alarms You Need—For Work or Good Chimes



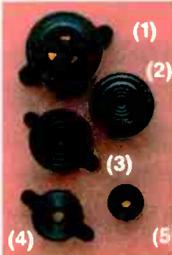
## Piezo Transducers

(1) Piezo Speaker. Only 1<sup>3/32</sup>" dia. by 5/16" thin. This high-efficiency, 1200-ohm device can be directly driven by ICs. Range: 500 Hz to 20 kHz. 273-091 ..... 2.49  
(2) 1500 to 3000 Hz. Up to 90 dB. 2-wire type requires driver circuit. 273-073 ..... 1.49  
(3) Fixed-Frequency. 6.5 kHz. 3-wire type. Requires driver circuit. 273-064 ..... 1.79

## 12 VDC Buzzer

### ■ Electromechanical

Super-Loud, Rugged. This DC buzzer in a sturdy metal case is ideal for battery-powered alerter and alarm circuit projects. 1<sup>1/16</sup>" diameter by 1<sup>1/4</sup>" deep. 273-051 **249**



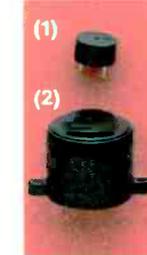
## Piezo Buzzers

(1) Two-Tone. Loud—100 dB at 2500 Hz. Has attenuator vanes and operates from 8 to 16 VDC. 130 mA at 12 VDC. 273-070 ..... 10.95  
(2) Pulsating or Continuous. 2800 Hz. Produces 90 dB output at 12 VDC. 273-068 ..... 8.49  
(3) Pulsating. 2800 Hz at 95 dB. Operates from 3 to 28 VDC. 273-066 ..... 4.29  
(4) With Leads. 85 dB, 3.6 kHz signal. Operates from 4 to 28 VDC. 273-060 ..... 3.29  
(5) PC-Mount. 78 dB, 2800 Hz signal. Operates from 3 to 20 VDC. 273-065 ..... 2.49

## Miniature DC "Screamers"

(1) NEW! 12V Magnetic Buzzer. Produces more pleasing tone than single-frequency piezo buzzer. 273-026, **2.19**  
(2) Electronic Buzzers. These are small enough to hide and too loud to ignore. 1/16" mounting centers. With hookup leads. **Each 2.49**

DC Voltage	Cat. No.	DC Voltage	Cat. No.	DC Voltage	Cat. No.
1 1/2 to 3	273-053	6	273-054	12	273-055



## Efficient Piezos

### ■ 7 mA at 12 VDC

(1) PC-Mountable. 4.2 kHz at a surprising 70 dB. Mini size. 273-074 ..... 2.99  
(2) Panel-Mount. Pulsing or continuous. 3.5 kHz. 95 dB. 273-075 ..... 6.95



## "Ding-Dong" Chime

Panel-Mount IC and Mini-Speaker Combo. Great for door and customer entry alarms. Operates 6 to 18 VDC. 80 dB output at 12 VDC. 5" hookup leads. 273-071 **899**

# LAMP BULBS, HOLDERS AND ASSEMBLIES

## Quality Incandescent and Neon Lamps

Premium lamps for projects and replacements in flashlights, dials, pilot lights and panels. Fig. 2, #272-1124, is a prefocus type that replaces #222 used in penlights. Fig 7 is high-intensity. All are incandescent type, except Fig. 9, which is neon.

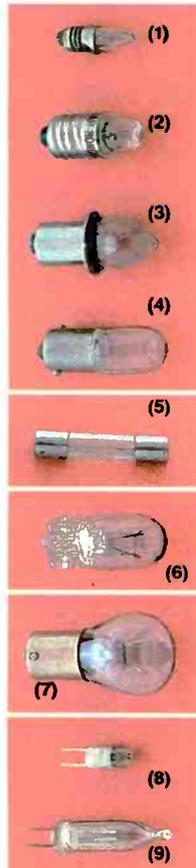
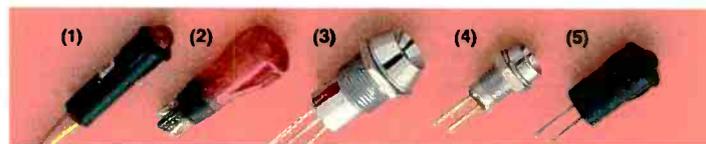


Fig.	Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1	6.0	100	T-1 $\frac{1}{4}$	E-5 Threaded	272-1142	2	.89
	12.0	75	T-1 $\frac{1}{4}$	E-5 Threaded	272-1143	2	.89
2	2.33	270	243	E-10 Threaded	272-1124	2	.99
	2.47	300	14	E-10 Threaded	272-1132	2	.99
	6.3	150	40	E-10 Threaded	272-1128	2	.99
	6.3	250	46	E-10 Threaded	272-1130	2	.99
	7.5	220	50	E-10 Threaded	272-1133	2	.99
	14.0	200	1487	E-10 Threaded	272-1134	2	.79
3	2.33	270	PR-4	Flange	272-1122	2	.89
	2.38	500	PR-2	Flange	272-1120	2	.99
	3.57	500	PR-3	Flange	272-1121	2	.99
	4.75	500	PR-13	Flange	272-1151	2	.99
	4.8	500	PR-15	Flange	272-1125	2	.99
	4.9	330	PR-17	Flange	272-1167	2	.99
4	5.95	500	PR-12	Flange	272-1123	2	.99
	7.2	550	PR-18	Flange	272-1168	2	.99
	8.63	500	PR-20	Flange	272-1166	2	.99
	6.3	250	44	Bayonet	272-1108	2	.99
	6.3	50	47	Bayonet	272-1110	2	.99
	6.3	150	1847	Bayonet	272-1115	2	.79
5	14.0	230	1891	Bayonet	272-1112	2	.79
	14.0	200	1815	Bayonet	272-1118	2	.79
	14.4	120	53	Bayonet	272-1117	2	.79
	28.0	40	1819	Bayonet	272-1119	2	.99
6	8.0	300	T-3	End Cap	272-1136	2	1.69
	12.0	250	T-3	End Cap	272-1137	2	1.69
7	14.0	270	194	Wedge	272-1126	2	.99
	6.3	250	259	Wedge	272-1152	2	.99
8	12.8	1.04A	93	Bayonet	272-1116	1	.99
9	12.0	40	-	Bi-Pin	272-1154	1	1.29
9	120 (Add 220k resistor)	NE2	$\frac{1}{25}$ -W Neon		272-1101	2	.69
	120 (Add 22k resistor)	NE2H	$\frac{1}{4}$ -W Neon		272-1102	2	.69
	120 (With resistor)	NE2	$\frac{1}{25}$ -W Neon		272-1100	2	.89



## LED Indicators in Panel-Mount Holders

- (1) 12-Volt Red Snap-In. For  $\frac{1}{4}$ " mtg. hole. 5" hookup leads. 276-011 ..... 1.99  
 (2) Super-Bright Red Snap In. Rated 500 mcd. Requires 2.23VDC at about 20mA. Snaps into  $\frac{1}{32}$ " hole. 276-088 ..... 1.79  
 (3) Dual-Color. Red/green. Mounts in a  $\frac{3}{16}$ "-diameter hole. 276-025 ..... 1.49  
 (4) 12V Red in Deluxe Chromed Holder.  $\frac{1}{4}$ " mtg. 276-068 ..... Pkg. of 2/1.89  
 Green Version of Above. 276-069 ..... Pkg. of 2/1.89  
 (5) Red Snap-In.  $\frac{9}{16}$ " hole. 2.1VDC at 20 mA. 276-018 ..... Pkg. of 2/1.99



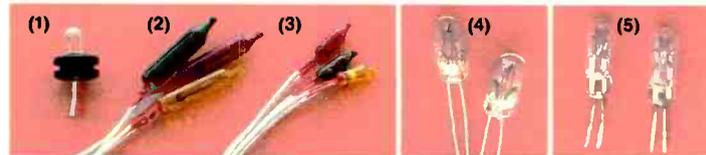
## Halogen Lamps

- HPR50. Replacement lamp for 4-cell flashlights and 6V lanterns. 272-1189 **3<sup>95</sup>**  
 HPR52. Replacement lamp for 2-cell flashlights and 3V lanterns. 272-1190 **3<sup>95</sup>**



## Long-Life Strobe Tube

- Really Bright  
 Xenon-type strobe element is perfect for photography replacement or lighting effects projects. Trigger 4 kV. Anode: 200V min., 300V max. Includes **3<sup>29</sup>** data. 272-1145



## Miniature Lamps for Model Railroads & Projects

(1) Mini Lamps With 4" Leads. 25 mA.

Volts	Cat. No.	Each
1.5	272-1139	.99
6.0	272-1140	.99
12.0	272-1141	.99

- (2) 12-Volt Flashing. Red, yellow, green. 95 mA. 272-1097 ..... Set of 3/1.29  
 (3) 6-Volt Colored. Red, yellow, green. 60 mA. 272-1098 ..... Set of 3/89¢

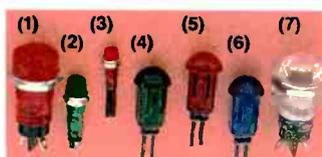
- 12-Volt Version of Fig. 3. 272-1099 ..... Set of 3/89¢  
 (4) 12-Volt Microlamp. With leads. 60 mA. 272-1092 ..... Pkg. of 2/1.39  
 (5) Hard-to-Find Lamps for Metal Mini-Flashlights. Replacement plug-in bulbs for popular all-metal flashlights with focusable lens. 2.5 volts at 300 mA. 272-1149 ..... Pkg. of 2/2.99



## Brilliant Krypton Flashlight Lamps

Standard flange-type base. Can be used to replace PR-type lamps. For example, K4 replaces type PR4.

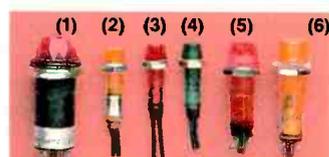
Type	Volts	mA	Cat. No.	Each
K4	2.33	480	272-1169	.79
K1	2.4	600	272-1156	.79
K2	2.4	830	272-1157	.79
K3	3.6	800	272-1158	.79
K15	4.8	700	272-1162	.79
K12	6.0	650	272-1163	.79
K18	7.2	700	272-1164	.79
K222	2.33	600	272-1175	.89



## Lamp Assemblies

■ Each Includes 12-Volt Bulb

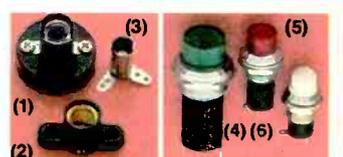
- (1) Jumbo Red. 105 mA. Mount in a  $\frac{19}{32}$ " hole. 272-336 ..... Pkg. of 2/2.49  
 (2) Green Micro. 60 mA.  $\frac{7}{32}$ " mtg. hole. 272-334 ..... Pkg. of 2/1.99  
 (3) High-Brightness Red.  $\frac{9}{32}$ " mtg. hole. 272-331 ..... Pkg. of 2/1.59  
 (4) Green Snap-In.  $\frac{1}{2}$ " mtg. hole. Leads. 272-337 ..... Pkg. of 2/1.69  
 (5) Red Snap-In. 272-332 ..... 2/1.79  
 (6) Blue Snap-In. 272-335 ..... 2/1.79  
 (7) Jewel-Cut "Traditional" Lens. Eye-catching red lamp. 100 mA.  $\frac{9}{16}$ " mtg. hole. 272-342 ..... 2.49



## Neon Assemblies

■ For 120-Volt AC/DC Use

- (1) Jumbo Red. A pilot light that can't be overlooked. Mounts in  $\frac{5}{8}$ "-dia. hole. 272-710 ..... 1.99  
 (2) Amber.  $\frac{9}{32}$ " mtg. hole. With 3" leads. 272-707 ..... Pkg. of 2/1.79  
 (3) Red. With leads.  $\frac{5}{16}$ " mtg. hole. 272-712 ..... Pkg. of 2/1.99  
 (4) Green Lens. With leads.  $\frac{5}{16}$ " mtg. hole. 272-708 ..... Pkg. of 2/2.49  
 (5) Square Lens. 1 amber, 1 red.  $\frac{7}{16}$ " mtg. hole. 272-704 ..... Pkg. of 2/1.79  
 (6) Round Lens. 1 amber, 1 red.  $\frac{7}{16}$ " mtg. hole. 272-705 ..... Pkg. of 2/1.79



## Lamp Holders

Excellent selection, low prices. Bulbs not included. Use base style to select bulb from table, above left.

- (1) E-10 Base. Wide holder with screw terminals. 272-357 ..... 79¢  
 (2) E-10 Base. Compact. Mounts on flat surface with screw terminals. 272-356 ..... 99¢  
 (3) Bayonet. 272-355 ..... Pkg. of 6/99¢  
 (4) Bayonet. Includes one red and one green lens. 272-325 ..... Set of 2/1.89  
 (5) E-5 (T-1 $\frac{1}{4}$ ) Base. For threaded bulbs. 272-326 ..... Pkg. of 2/2.19  
 (6) E-5 Base. With 2 red and 2 white lenses. 272-340 ..... Pkg. of 2/1.69

# FUSES, BATTERY HOLDERS AND ANTENNAS

## Thermal Protector Fuses

Protectors used in many coffee makers and heating-type appliances. Rated 240VAC, 10 amps maximum. Other values available by special order (CMC).

Breaks Circuit at	Cat. No.	Each
141°C	270-1320	1.19
128°C	270-1322	1.19
228°C	270-1321	1.19

## MOV Line-Surge Protectors

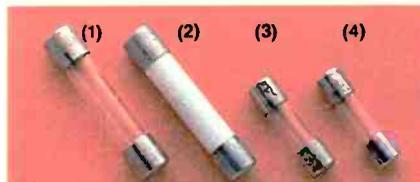
Metal-Oxide Varistors. Divert power-line "spikes" to prevent damage to computers, VCRs and other sensitive equipment.

Standard. 276-570 ..... 1.59  
Heavy-Duty. 276-568 ..... 1.99

## Panel-Mount Circuit Breaker

■ Easy Way to Add Extra Safety

Rated 3 amps at 250VAC. Convenient alternative to fuses. Easy to install—snaps into  $\frac{1}{8}$ "-diameter panel hole. Trips in three seconds at 200% rated current. 270-1311 ..... 1.99



(1) Fast-Acting  $1\frac{1}{4} \times \frac{1}{4}$ " ..... Pkg. of 3/79¢

Amps	Cat. No.	Amps	Cat. No.
$\frac{1}{4}$	270-1270	3	270-1276
$\frac{1}{2}$	270-1271	4	270-1277
$\frac{3}{4}$	270-1272	5	270-1278
1	270-1273	6	270-1252
$1\frac{1}{2}$	270-1274	7	270-1253
2	270-1275	8	270-1254
$2\frac{1}{2}$	270-1260		

Slow-Blow  $1\frac{1}{4} \times \frac{1}{4}$ " ..... Pkg. of 2/1.29

Amps	Cat. No.	Amps	Cat. No.
$\frac{1}{2}$	270-1282	4	270-1289
1	270-1283	5	270-1287
$1\frac{1}{2}$	270-1284	6	270-1291
2	270-1285	7	270-1292
3	270-1286	8	270-1293

## Fuses for TVs, VCRs, Hi-Fi, CBs, Appliances and Testers

(2) Microwave Fuses ..... Pkg. of 2/1.29

Amps	Cat. No.	Amps	Cat. No.
10	270-1256	20	270-1258
15	270-1257	...	...

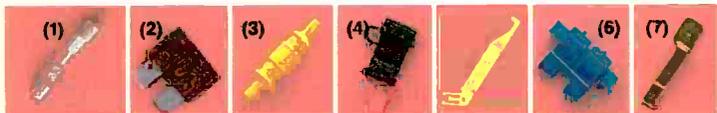
(3) Fast-Acting 5 x 20 mm ..... Pkg. of 2/99¢

Amps	Cat. No.	Amps	Cat. No.
0.315	270-1249	2	270-1244
$\frac{1}{2}$	270-1241	$2\frac{1}{2}$	270-1245
$\frac{3}{4}$	270-1242	3	270-1246
1	270-1250	4	270-1247
$1\frac{1}{2}$	270-1243	5	270-1248

1.6 Amp 5 x 20 mm Fast-Blow Fuse. For VCRs. 270-1235 ..... Pkg. of 2/99¢

(4) Slow-Blow 5 x 20 mm ..... Pkg. of 2/1.29

Amps	Cat. No.	Amps	Cat. No.
$\frac{1}{2}$	270-1169	3.15	270-1173
$\frac{3}{4}$	270-1170	4	270-1174
1	270-1171	5	270-1175
2	270-1172	6.3	270-1176



## Automotive Fuses

(1) Glass-Type Fuse Kit. Two SFE-20, one each of AGC3, 10, 15, 25, 30; one each of SFE 7 $\frac{1}{2}$ , 9, 14. 270-1262 ..... Set of 10/1.89  
(1) SFE-Type.  $1\frac{1}{2} \times \frac{1}{4}$ "-dia. glass fuses.

Amps	Cat. No.	Pkg. of 3
10	270-1279	.79
15	270-1280	.79
20	270-1268	.79

(2) "Blade" Fuse Kit. One each: 5, 7 $\frac{1}{2}$ , 10, 15, 20 amps. 270-1201 ..... Set of 5/1.69  
(2) "Blade" Auto Fuses ..... Pkg. of 2/89¢

Amps	Cat. No.	Amps	Cat. No.
5	270-1205	20	270-1208
10	270-1207	25	270-1214
15	270-1212	30	270-1209

## Fuse Accessories

(3) Solderless  $\frac{1}{4}$ " Glass Fuse Holder. Rated for fuse up to 20 amps.

270-1211 ..... 1.19

(4) Inline "Blade" Fuse Holder. Rated for fuse up to 20 amps. 270-1213, 1.69

(5) Inserter/Extractor Tool. For glass and blade-type fuses. 270-1199 ..... 99¢

(6) Self-Strip "Blade" Fuse Holder. Easy to install—just insert wire and squeeze. Ideal for car audio hookups. 270-1215 ..... 1.49

(7) "Blade" Fuse Taps. The fast, easy way to connect car audio, CB and accessory power leads to vehicle's fuse panel. 270-1204 ..... Pkg. of 4/99¢



## Holders for $1\frac{1}{4} \times \frac{1}{4}$ " and 5 x 20 mm Fuses

(1) Inline for 5 x 20 mm Fuses. With leads. 5A at 250VAC. UL listed. 270-1238 ..... 1.59

(2) Inline for  $1\frac{1}{4} \times \frac{1}{4}$ " Fuses. With leads. 5A, 250VAC. 270-1281, 99¢

(3) Panel-Mount for 5 x 20 mm Fuses. 10A at 250VAC.  $\frac{1}{2}$ " mtg. for hole. 270-362 ..... 1.49

(4) Panel-Mountable for  $1\frac{1}{4} \times \frac{1}{4}$ " Fuses. Rated 10A at 250VAC. 270-364 ..... 1.29

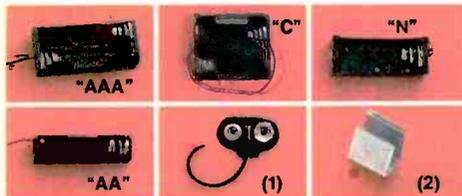
(5) Square Panel-Mountable for  $1\frac{1}{4} \times \frac{1}{4}$ " Fuses. With safety-lock. 10A at 250VAC.  $\frac{1}{2}$ " mtg. hole. 270-365 ..... 1.49

(6) Panel-Mount With Screw-driver Slot. For  $1\frac{1}{4} \times \frac{1}{4}$ " fuses. 10A at 250VAC. 270-367 ..... 1.79

(7) Chassis-Mountable Holders for  $1\frac{1}{4} \times \frac{1}{4}$ " Fuses. 270-739 ..... Pkg. of 2/99¢

(8) Four-Position Fuse Block. For  $1\frac{1}{4} \times \frac{1}{4}$ " fuses. 270-742 ..... 2.19

(9) Pigtail Fuse Adapter. A must for TV and appliance service. Really saves time—eliminates soldering and desoldering. Clips over blown pigtail-type fuse. Accepts standard  $1\frac{1}{4} \times \frac{1}{4}$ " glass fuse. 270-1219 ..... 1.29



## Big Variety of Battery Holders

Have hookup leads except \*, which have 9V-type snap.

Holds	Cat. No.	Each	Holds	Cat. No.	Each
2 "AAA"	270-398	.79	2 "D"	270-386	1.49
2 "AA"	270-382*	1.19	4 "D"	270-396	1.59
4 "AA"	270-383*	1.29	4 "D"	270-389	1.59
4 "AA"	270-391	1.29	1 "N"	270-405	.59
8 "AA"	270-387*	1.39	1 "AA"	270-401	.69
8 "AA"	270-407*	1.29	1 "C"	270-402	.79
2 "C"	270-385	1.29	1 "D"	270-403	.89
4 "C"	270-390	1.49			

(1) 9V Battery Snap Connector. 270-325, Pkg. of 5/1.19

(2) 9V Battery Holders. 270-326 ..... Pkg. of 2/69¢



(1) General Purpose

(2) Cordless Phone Handset

(3) Cordless Phone Base

(4) Universal Handset Antenna

(5) For Branded Handset Phones

(6) Base or Handset

(7) Short Handset

(8) Multipurpose

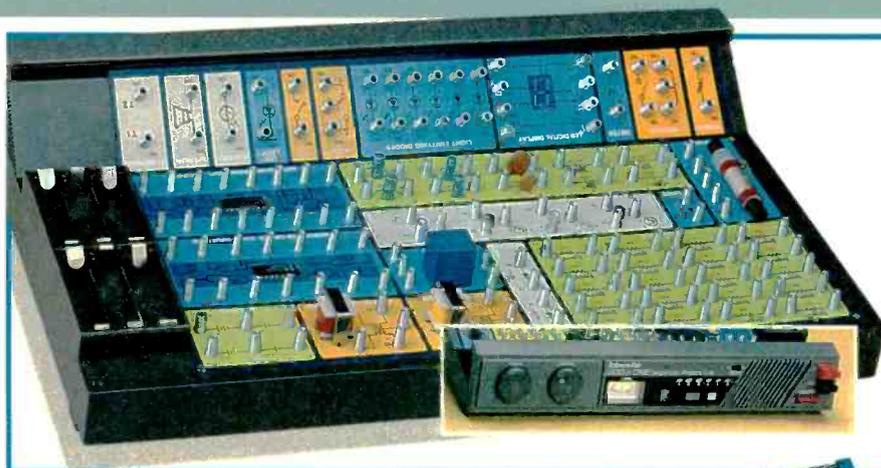
(9) For Cordless Phone Base

## Replacement Rod Antennas

For cordless phones, radios, portable stereos and walkie-talkies. Restore original range and performance at low cost.

Fig.	Sect.	Ext.	Cat. No.	Each
1	5	30 $\frac{1}{2}$ "	270-1401	2.99
1	4	34 $\frac{3}{4}$ "	270-1402	3.79
1	3	39 $\frac{1}{2}$ "	270-1403	3.99
1	6	72"	270-1408	3.99
2	5	15 $\frac{1}{2}$ "	270-1406	2.79
3	5	28"	270-1405	3.19
4	5	13"	270-1407	2.79
4	6	17 $\frac{3}{4}$ "	270-1409	2.59
4	6	16"	270-1410	2.99
5	6	11 $\frac{1}{4}$ "	270-1411	2.99
6	2	16 $\frac{1}{2}$ "	270-1412	2.89
6	9	24"	270-1413	3.99
6	5	13 $\frac{1}{2}$ "	270-1414	2.49
7	5	13 $\frac{1}{16}$ "	270-1415	2.59
8	5	22 $\frac{3}{4}$ "	270-1416	3.79
9	4	23 $\frac{5}{16}$ "	270-1417	3.49

# LEARNING IS FUN WITH SCIENCE FAIR® KITS



## 200-in-1 Electronic Project Kit

- Handy Out-Front Controls, Meter and 2" Speaker
- Learn Basic Electronic and Computer Circuitry

Our biggest and most versatile project kit quickly teaches you how to build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and more. Also includes integrated circuits with "OR," "AND," "NOR" and "NAND" gates that help teach computer fundamentals. All parts are premounted in the molded case. Connect, disconnect and reconnect the circuits as often as you like using the spring-clip connectors—no soldering, never anything to clean up. Includes 108-page manual. Requires 6 "AA" batteries. **28-265 49<sup>95</sup>**



## 60-in-1 Project Lab Kit

**NEW!** Teaches youngsters the basics of electricity, physics, electronics. Build a radio, metal detector, other projects. Earphone. Solderless. Requires 4 "AA" batteries. **28-261 19<sup>95</sup>**



## Radio Kits With Earphones

- (1) **AM/VHF Project Kit.** Hear police and weather bands on 108-135/148-174 MHz, plus 550-1600 kHz AM. Preassembled tuner. Coil-spring assembly. Requires 9V battery. **28-163 12<sup>95</sup>**
- (2) **AM/FM Project Kit.** Hear local AM and FM radio stations. Preassembled tuner and volume control. Safe and easy solderless coil-spring assembly. Requires 2 "AA" batteries. **28-175 12<sup>95</sup>**
- (3) **AM/Shortwave Project Kit.** Listen to broadcasts from distant shortwave or to your local AM radio stations. Receives 520-1625 kHz, 5.5-10 and 9-16 MHz. Requires 2 "AA" batteries. **28-176 12<sup>95</sup>**
- (4) **Crystal AM Radio Kit.** Plays forever without tubes, transistors or batteries. Like the first radios, a crystal converts RF to audio. Covers 550-1600 kHz. **28-177 6<sup>95</sup>**

All Four Kits Above Are Solderless



## 30-In-1 Electronic Lab Kit

Teaches the basics of electronics with no soldering required. Includes everything you need to build a radio, alarm, timer and more. Includes earphone. Requires 2 "AA" batteries. **28-161 14<sup>95</sup>**



## 280-Project Physics Lab Kit

Have fun learning about the laws of physics through experiments dealing with liquids, heat and sound. Projects include all necessary apparatus and instructions. Requires 2 "AA" batteries. **28-193 19<sup>95</sup>**



## ArcherKit® Multitester

25 ranges, color-coded mirrored scale. 20,000 ohms/volt DC. Requires soldering and "AA" battery. **28-4013 19<sup>95</sup>**

# ELECTRONIC ADVENTURES FOR ALL AGES

## 130-in-1 Project Lab Kit



■ Includes Everything You Need to Discover Electronics

Build a radio, AM broadcast station, electronic organ, timer and more. Built-in speaker, 7-segment LED display, two integrated circuits and rotary controls. Safe, simple coil-spring connections. Illustrated manual. Requires 6 "AA" batteries. 28-259

**29<sup>95</sup>**

## Strike it Rich! Metal Detectors

(1) **Treasure Finder.** Spots metal up to one-half foot underground. Easy-to-use tuning and fine-tuning controls. The shaft extends to 27". Requires 9V battery. 60-3003

**19<sup>95</sup>**

(2) **Discriminator Detector.** Spots "junk" to avoid needless digging! Has auto-tuning, meter, speaker, 1/4" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. 63-3002

**59<sup>95</sup>**

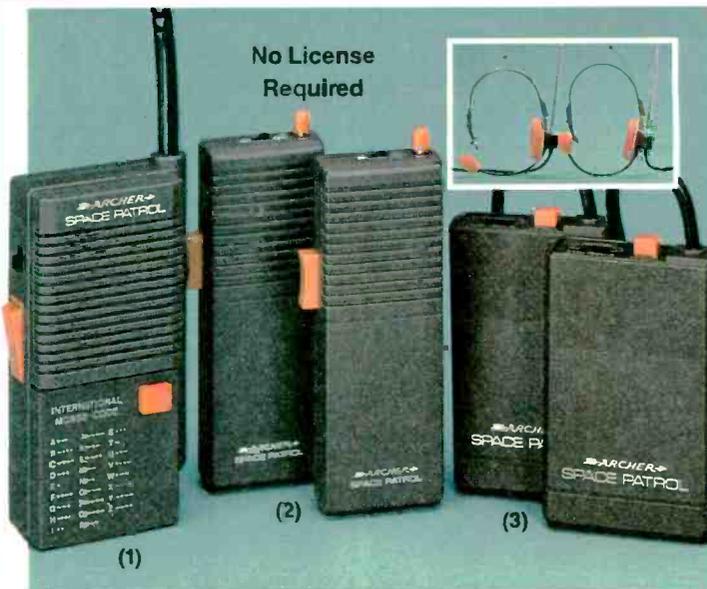
(3) **"Standard" Detector.** Water-resistant coil has a Faraday shield to cut false signals. Ferrous/nonferrous control, meter, 1/8" headphone jack. Extends to 24". Requires 6 "AA" batteries. 63-3001

**39<sup>95</sup>**

(4) **Very-Low-Frequency.** Our best! VLF circuitry and 8" waterproof search coil spot valuables even in highly mineralized ground and shallow water. Auto-tune, sensitivity control, speaker, meter and 1/4" headphone jack. Shaft extends to 26 1/2". Requires three 9V batteries. 63-3003

**89<sup>95</sup>**

No License  
Required



## Archer Space Patrol® Walkie-Talkies

■ Perfect for Adventures and Campouts ■ 49 MHz

(1) **Standard.** Buy two or more and talk to your friends or send secret messages in Morse code with the built-in code key on the front panel. Includes flexible antenna, on/off switch and handy lock-on talk button. 5 1/16 x 2 5/16 x 4 1/4". Requires 9V battery. 60-4015

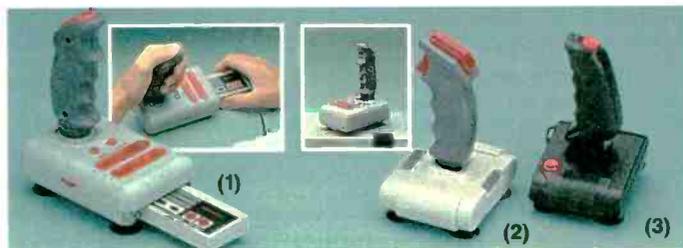
EACH  
**9<sup>95</sup>**

(2) **Micro-Thin.** Less than 1" thin! So compact it can easily fit in a shirt pocket and is small enough to go anywhere. Ultrasensitive super-regenerative receiver circuit, 1 1/2" speaker, push-to-talk button and telescoping antenna. 5 5/16 x 1 3/4 x 7/16". Get a pair for hours of fun and adventure. Each requires 9V battery. 60-4014

PAIR  
**18<sup>88</sup>**

(3) **Headset With "Boom" Microphone.** Leaves hands free—great for camping or on-the-go. Rotary on/off and volume control, headset-mounted antenna, belt-clip and push-to-talk button. 4 x 2 9/16 x 1 7/16". Each requires 9V battery. 60-4016

PAIR  
**19<sup>95</sup>**



## The Winners! Competition-Performance Joysticks

(1) **Joystick/Enhancer for Nintendo.** Slip Nintendo controller inside docking port for rocket-aircraft style control. 270-1706

**14<sup>95</sup>**

(2) **Super-Deluxe Competition Joystick for Nintendo.** Two "fire" buttons. "Autofire" releases a stream of "bullets". 270-1704

**17<sup>95</sup>**

(3) **Jet Fighter-Style.** For many Atari, Sears, NEC and Commodore games. 9-pin connector. 270-1701

**10<sup>95</sup>**

# RADIO-CONTROLLED FUN FOR EVERYONE



(1) **2-Function Aero Buggy.** Play to win with this rugged on/off road buggy! Aerodynamic design with front and rear airfoils make it hug the road. 60-4081 **9<sup>95</sup>**



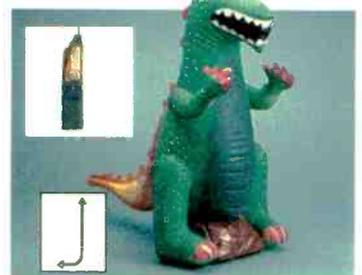
(2) **Euro Racer.** Feel the excitement of professional racing with this European-styled road machine that's the speedway leader! 60-4082 **11<sup>95</sup>**



(3) **Wild Runner™.** Drive Baja style! High-traction, oversize studded tires grip terrain and roll over obstacles. Simulated winch and top lights. 60-4031 **14<sup>95</sup>**



(4) **Red Blaster™.** High-speed off-roader with oversize knobby-traction tires, spring shock suspension and rear racing spoiler. 60-4083 **17<sup>95</sup>**



(5) **RC Dinosaur.** Step back in time and out of the way of this beast! Stands over two feet tall. Lumbers forward and turns in reverse. 60-4042 **19<sup>95</sup>**



**NEW!** (6) **Surf Truck™.** Cruise the beach or your yard with small, light cargo. Handles rough terrain like a pro. 60-4043 **19<sup>95</sup>**



(7) **NEW LOW PRICE! Racer 27.** Get behind the "wheel" of a European-style sportster and burn up the track! Was \$21.95 in 1991 Catalog. 60-4084 **19<sup>95</sup>**



(8) **Turbo 27.** Take charge of this exotic sport racer and you'll be taking a victory lap! "Turbo" mode for bursts of **29<sup>95</sup>** power. 60-4074



(9) **NEW LOW PRICE! Aero Buggy.** Spring suspension soaks up bumps. Jack for charging Ni-Cd batteries. Was \$34.95 in 1991 Catalog. 60-4073 **29<sup>95</sup>**



**NEW!** (10) **Jumbo Van™.** Turbo 4x4. Back door opens to reveal switch for hi/lo gears and jack for AC charging. 60-4044 **39<sup>95</sup>**



**NEW!** (11) **Buggy Master™.** Rough turbo turf machine! Hi/lo gear switch for speed or power and jack for AC charging. 60-4045 **39<sup>95</sup>**



**NEW!** (12) **Fierce Warrior™.** The ultimate four-wheelin' performer in high or low gear. AC charging jack. 60-4049 **39<sup>95</sup>**

Fig.	Cat. No.	Freq. (MHz)	Remote Functions	Length (Inches)	Speed (MPH)	Scale Speed	Battery Requirement
1	60-4081	49	2	6 1/2	2.7	65.3	9V, 2 "AA"
2	60-4082	27	2	9 1/2	3.2	57.3	2 9V, 4 "AA"
3	60-4031	27	2	8	2.7	49.2	9V, 6 "AA"
4	60-4083	27	3	10 1/4	2.8	50	9V, 6 "AA"
5	60-4042	27	2	—	1.6	—	2 9V, 4 "C"
6	60-4043	27	3	11 1/2	2.5	40	9V, 6 "AA"

Fig.	Cat. No.	Freq. (MHz)	Remote Functions	Length (Inches)	Speed (MPH)	Scale Speed	Battery Requirement
7	60-4084	27	7	11	4.1	73.8	2 9V, 8 "AA"
8	60-4074	27	7	12	8.2	123	9V, 6 "C"
9	60-4073	49	7	10 1/4	4.8	76.6	2 9V, 6 "AA" Ni-Cd
10	60-4044	27	7	12 1/2	4.1	57.3	9V, 8 "AA"
11	60-4045	49	7	14	10.3	133	9V, 8 "AA"
12	60-4049	27	7	14	12.3	172	9V, 8 "AA"

# HIGH-PERFORMANCE RC ACTION VEHICLES



**NEW!** (1) 4 x 4 Truck. Take the challenge of hills in low gear or switch to high for maximum racing speed! Oversize tough-tread tires and spoiler. Charging jack. 60-4046 **47<sup>95</sup>**



(2) Turbo T™ Coupe. Dominate the drag strip! Turbo mode boosts racing speed. Tough spring shock suspension handles the bumps. Impact-absorbing front bumper, hi/lo gears, AC charging jack. 60-4085 **49<sup>95</sup>**



(3) Wild Ranger™. Custom cab with 4-wheel-drive power to tame rough ground and crawl over obstacles! Place in low gear for incredible dirt-digging traction or switch to high gear for top speed. AC charging jack. 60-4086 **49<sup>95</sup>**



**NEW!** (4) Turbo Sonic Off-Roader™. Ignition switch starts engine revving sound. You can even honk the horn by remote! Turbo boost mode, hi/lo gear switch. 60-4047 **59<sup>95</sup>**



(5) Red Arrow™. Our fastest RC vehicle—up to 15.6 mph, over 155 mph scale speed. Digital-proportional steering for maximum control. Turbo boost mode. Spring shock front/rear suspension. Charging jack. 60-4077 **69<sup>95</sup>**



**NEW!** (6) Off-Road Tiger™. You're off and racing at speeds up to 98 mph. Super-traction oversize rear tires tear up the track. Digital-proportional. AC charging jack. 60-4048, Low As \$15 Per Month **99<sup>95</sup>**



(7) Golden Arrow™. Racing buggy with D-P accurate response steering and FET motor drive system. Spring shock front/rear suspension. AC charging jack. 60-4080, Low As \$15 Per Month **119<sup>95</sup>**



(8) Black Phantom™. Our finest! Deluxe off-roader with twin motors and 4-wheel drive. Digital-proportional. Rugged spring shock front/rear suspension. AC charging jack. 60-4088 .. Low As \$15 Per Month **149<sup>95</sup>**



(9) Racing Battery Pack Charger. Recharges pack below in 4-5 hours. UL listed AC. 23-231 ..... **9.95**  
 (10) Rechargeable 7.2V Ni-Cd Battery Pack. Only 320 grams! 23-230 ..... **19.95**

Fig	Cat. No.	Frequency (MHz)	Remote Functions	Length (Inches)	Speed (MPH)	Scale Speed (MPH)	Battery Requirement
1	60-4046	49	7	12½	4.3	70	2 9V, 4 "C"
2	60-4085	27	7	11¾	9.3	155	9V, 8 "AA" Ni-Cd
3	60-4086	27	7	12¾	4.3	70	2 9V, 4 "C"
4	60-4047	27	7	12½	6	90	9V, 6 "AA"
5	60-4077	27	Digital-Proportional	14½	15.6	155.6	#23-230 Battery Pack, 10 "AA"
6	60-4048	27	Digital-Proportional	15½	10	98	#23-230 Battery Pack, 10 "AA"
7	60-4080	27	Digital-Proportional	15½	15	150	#23-230 Battery Pack, 10 "AA"
8	60-4088	27	Digital-Proportional	17½	14.3	143	#23-230 Battery Pack, 10 "AA"

# TOYS & GAMES TO TEST YOUR SKILLS

## LCD Action Games for Kids of All Ages—Take 'Em Along to Play Anywhere



- (1) **Pocket LCD Raceway™**. Two levels to test your driving skills. Clock, sound effects. With RS357A battery. 60-2237 ..... **7.95**
- (2) **NEW! Speedway**. Treacherous road racing! With RS357A battery. 60-2244 ..... **7.95**
- (3) **Kung Fu™ Game**. Battle martial-art warriors! With RS357A battery. 60-2238 ..... **7.95**
- (4) **Dino Wars™**. Prehistoric fun! Built-in clock. With RS386 battery. 60-2236 ..... **7.95**
- (5) **Pocket Repeat Game**. Play back the light and sound patterns in same order to win game. Requires 9V battery. 60-2152 ..... **10.95**
- (6) **Turbo Raceway™**. Turbo-powered competition! Requires "AA" battery. 60-2242 ..... **12.95**
- (7) **NEW! Invasion Force™**. Fight off invading aliens! With RS357A battery. 60-2246 ..... **12.95**
- (8) **NEW! Sea Battle™**. Action-packed naval adventure! Requires "AA" battery. 60-2245 ..... **12.95**
- (9) **Tabletop Space Alien**. Galactic fun! Alarm. Requires "AA" battery. 60-2232 ..... **14.95**
- (10) **Tabletop Football**. Be coach and team! Alarm. Requires "AA" battery. 60-2234 ..... **14.95**
- (11) **Tabletop Baseball**. Hit homers or strike out, just like the "pros". Built-in alarm. Requires "AA" battery. 60-2233 ..... **14.95**
- (12) **NEW! Sonic Sea Battle™**. Command your own attack-class submarine and fight off the enemy fleet. Requires 2 "AA" batteries. 60-2248 ..... **14.95**



## Play 'n Learn Games—“School” at Home, for Fun

- (1) **Look 'n Learn™**. Question-and-answer quiz game for hours of entertainment. Answer questions about states and cities, U.S. presidents, mathematics, more. 60-2335, **4.95**
- (2) **Fun 'n Calc™**. Lets kids enjoy learning how to use a calculator. 8-digit LCD display. Requires 2 "AA" batteries. 60-2334, **7.95**
- (3) **Show 'n Learn™**. The fun way to teach kids the basics. Quizzes them on colors, shapes and more. Requires 2 "AA" batteries. 60-2328 ..... **12.95**
- (4) **NEW! Electronic Look 'n Learn**. Children identify colors, fruits, shapes, objects, math and more. Requires 3 "C" batteries. 60-2401 ..... **19.95**
- (5) **Spell 'n Math™**. Two challenges in one! Teaches ABCs, numbers, spelling, more. Requires 2 "AA" batteries. 60-1093, **26.95**
- (6) **LCD Spell 'n Math Instructor**. Paperless typing and spelling exercises, games, math and more. Requires 2 "AA" batteries. 60-2333 ..... **31.95**

## For Talented Young Musicians

- (1) **Rock Guitar™**. Anyone can sound like a "pro"! Has 13 keys on the neck—no strings to tune or break. Twinkles in time to the beat. Includes handheld microphone. Requires 4 "AA" batteries. 60-2296 ..... **15.95**
- (2) **Programmable Organ**. Choose piano or organ effect. Compose and record melodies of up to 19 notes, or auto-play eight preprogrammed tunes. Built-in speaker, high/low volume control and 32 mini keys. Requires 4 "C" batteries. 60-2337 ..... **15.95**
- (3) **NEW! Electronic Sound Center™**. Kids become the DJ for their own show! Slide controls, 9 special-effects sound buttons, built-in speaker, handheld microphone. Requires 4 "C" batteries. 60-2250 ..... **19.95**

# MAKE THE PLAY FOR ELECTRONIC FUN

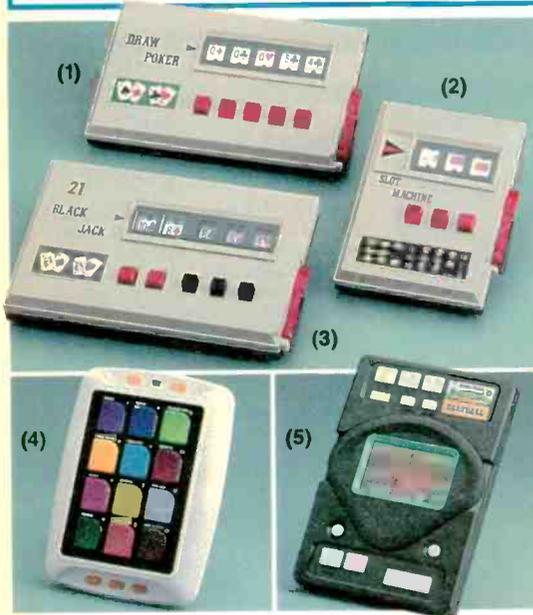


## Challenge Your Skills and Improve Your Game With World-Class Computer Chess

**NEW!** Portable Sensory Chess Computer 1650L. Take it anywhere! Has 16 skill levels with handicap, fun and puzzle levels. Great for beginners to build confidence and skill. Memory retains game, allows take backs. Compact case closes for travel. Requires 3 "AA" batteries. **60-2252 49<sup>95</sup>**

**NEW!** Super Sensory Chess 1680L. Fast-response 4 MHz processor with built-in 8K program. Contains 16 skill playing levels, including fun and puzzle levels. Take back and set up capabilities. Memory retains last game. Requires 4 "AA" batteries **69<sup>95</sup>** or AC adapter. 60-2253

**NEW!** Chess Champion 2150L. Our best! Powerful 32K program, able to defeat 98% of all players. Shows time, depth of search, levels. LCD board display. Skill levels for beginners to masters. Requires 6 "C" batteries or AC adapter. **159<sup>95</sup>** 60-2254 .. Low As \$15 Per Month



## Casino and Arcade Games

- (1) **Draw Poker.** Just like Vegas! Pull lever to spin choices, push buttons to show cards. Requires 2 "AA" batteries. 60-2351 ..... **6.95**
- (2) **Slot Machine.** A handheld "one-armed bandit"! Pull lever to spin windows, press buttons to stop. Requires 2 "AA" batteries. 60-2352 ..... **6.95**
- (3) **Blackjack.** Outsmart the dealer to win! Pull lever to "shuffle", press button to deal. Requires 2 "AA" batteries. 60-2353 ..... **6.95**
- (4) **Electronic Arcade.** Play baseball, 12-note organ, casino roulette and more! Play with friend or alone. Requires 9V and 4 "C" batteries. 60-2159 ..... **19.95**
- (5) **Two-Player Baseball.** Choose the pitch, send in a relief pitcher or pinch hitter—you're the coach and the team. Requires 2 "AA" batteries. 60-2241 ..... **24.95**



## Games for Grown-Ups Who Love to Have Fun

- (1) **NEW! LCD Electronic Draw Poker™.** Play at home or on the road! Gives you all the thrills of a Friday night poker game. Shuffles 80 times between hands. Board flashes/plays music for winners. Folding desktop stand. One or two players. Requires 2 "AAA" batteries. 60-2349, **29.95**
- (2) **NEW! Stack Challenge™.** Stack falling brick shapes into position to form a solid line to lower height of brick wall. Looks easy, but watch out, game is over when brick load reaches top. Ten skill levels. With sound effects. Requires 2 "AA" batteries. 60-2247 ..... **19.95**

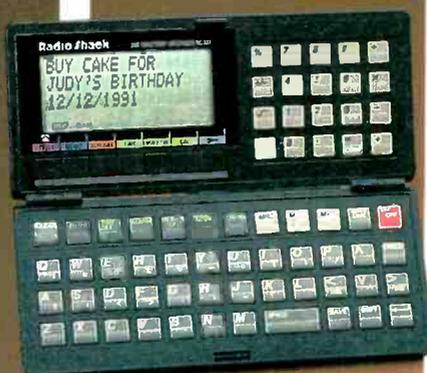
- (3) **LCD Golf Game.** An entire 18-hole golf course you can hold in your hand and play anywhere! Musical sound effects add to excitement. One or two players. Includes 2 RS357A batteries. 60-2239 ..... **14.95**
- (4) **NEW! Executive Consultant™.** Press "ask" button and you'll hear a short "voice" answer. Great for those tough decisions. Requires 2 "AA" batteries. 60-2348 ..... **9.95**
- (5) **Stress Eliminator™.** Blast away at stressful situations! Has six different sounds: zapper, rat-a-tat, laser shot, bombs away, quick-shot and blaster. Requires 2 "AA" batteries. 60-2214 ..... **7.95**

# WHY WASTE TIME SHUFFLING PAPERS?



## Pocket-Powerhouse! Data/Time Manager

**NEW!** Radio Shack EC-330. Packs a bundle of data/time-management power into a small package. Stores more than 800 uncut entries, each including name, number and address or notes. Entries may be recalled by scrolling, or instantly, by entering a key word. Scheduler alarm alerts you before an appointment, has space for up to 500 appointments. Memo pad with key-word and sequential search. Anniversary reminder tracks important annual events such as birthdays. Built-in clock, calendar and 10-digit calculator. Password protection. Communication link for sharing data with another EC-330 or an EC-329 through a connecting cable (extra, CMC).  $2\frac{1}{4} \times 5\frac{3}{4} \times \frac{1}{2}$ " (folded). With 2 CR2032 batteries and CR2032 backup battery. (TSP available) 65-947 . . . . **Low As \$15 Per Month** **99<sup>95</sup>**



## Directory Organizer Calculator Clock

**NEW!** Radio Shack EC-327. So convenient, so easy to use it will spoil you! Entries are filed and recalled for you automatically—just type in a name and all the information stored with that name appears instantly. With 34K memory, there's room for over 500 complete entries—name, address, phone number *plus* notes. Features scheduler with alarm, memo pad, 200-year calendar, 12/24-hour clock with alarm, world time, metric conversion. Links with another EC-327 to transfer data by cable (extra, CMC).  $2\frac{1}{2} \times 5\frac{3}{4} \times \frac{3}{4}$ " (folded). Requires 2 "AAA" operating batteries. Includes CR1616 backup battery. (TSP available) **69<sup>95</sup>** 65-943



## Pocket-Size Directory And Dates Organizer

**NEW!** Radio Shack EC-329. Three directories keep your business and personal phone numbers separated. Scheduler gives warning beeps 10 minutes before appointment. Stores 250 names/numbers. Clock, calendar, calculator. Links to another EC-329 or EC-330 with cable (extra, CMC).  $3\frac{3}{8} \times 5\frac{1}{4} \times \frac{1}{2}$ " (folded). Includes CR2025 operating/backup batteries. (TSP avail.) 65-946 **39<sup>95</sup>**



## Calculator With Data Memory

- Stores Up to 50 Data Items—Puts All Your Important Phone Numbers at Your Fingertips

**NEW!** Radio Shack EC-328. Full-function calculator plus an easy-to-use data directory. Items are automatically stored in alphabetical order, making it easy to find a name by scrolling. Or use search function to locate the item instantly. Built-in foreign-currency exchanger and metric conversion.  $2\frac{1}{2} \times 3\frac{7}{8} \times \frac{3}{16}$ ". With CR2025 battery. **12<sup>95</sup>** 65-944



## Electronic Data Organizer Scheduler

- Stores Balance of Up To Six Bank or Credit Card Accounts

**NEW!** Radio Shack EC-331. This super value has phone directory, scheduler with alarm, memo file, count-up/down timer, 12-digit calculator and clock/calendar. Stores over 100 names/numbers. Included backup battery protects memory up to six years.  $3\frac{3}{8} \times 2\frac{1}{8} \times \frac{1}{4}$ ". With 2 CR2016 batteries. **19<sup>95</sup>** 65-948



## Data Organizer/Currency Converter

- Scheduler Keeps You On-Time for Appointments
- Stores Up to 200 Names, Numbers, Addresses

**Radio Shack EC-324.** Helps you manage time, money and information. Instant recall of stored names. Credit card and bank account manager handles up to six accounts with password protection. Foreign currency exchanger, countdown timer/stopwatch, 12-digit calculator and clock/calendar.  $2\frac{1}{2} \times 4\frac{1}{8} \times \frac{1}{4}$ ". With 2 CR2016 batteries. (TSP available) 65-941 **29<sup>95</sup>**

# MANAGE TIME AND DATA ELECTRONICALLY



## Our Best Electronic Time & Data Organizer

**NEW!** Radio Shack EC-332. So sophisticated it's a cinch to use! Scheduler keeps you on time for appointments with alarm and displayed message. Directory stores 1000 complete entries—each including name, phone number, address and space for notes. Memo mode is perfect for reminder notes. Quick-search finds any word, part of a word or number stored anywhere in 64K memory. Built-in calendar, world-time clock, currency converter, metric conversions. Communication link lets you transfer data between two EC-332 organizers or between an EC-332 and PC compatible computer (requires interface cable, CMC). 3 1/4 x 6 1/8 x 7/8" (folded). Requires 2 "AAA" batteries, includes CR2016 backup battery. (TSP available) 65-949 ..... **Low As \$15 Per Month**

**139<sup>95</sup>**



## Directory/Organizer Telephone Dialer

**NEW!** Radio Shack EC-333. Incredibly efficient combination data manager and speed-dialer! Stores up to 1000 names and phone numbers—instantly recalls any entry then dials the number with just the touch of a button. Entries are automatically alphabetized and can be recalled by either the person's name or company name. Or quickly flip through names stored in memory, using one of two Rolodex knobs. Up to 30 lines per entry for adding an address, memo or other information. Reminder Notes file lets you write yourself memos which are tagged to appear on future dates—helps organize your "things-to-do" list. Built-in calendar, clock and calculator. Security code. 7 3/4 x 6 1/2 x 4 1/16". Requires 4 "AA" batteries. (TSP available) 65-950

**89<sup>95</sup>**



## Electronic Rolodex® Systems Take the Work Out of Using Business Directories

Radio Shack Desktop Directory EC-340. This nifty organizer takes charge of and stores up to 64K of information alphabetically. Holds up to 500 records with up to 60 lines of information per record! Four filing categories with automatic data transfer between files for minimizing input time. To scroll through records, press reverse/forward buttons or manually turn one of the two Rolodex knobs. Or use the search function to find any record instantly. Extra-large (6 line x 24 character) screen is easy to read. Built in calendar, foreign currency exchanger, and paperless calculator. On-screen prompts. Communication link for sharing data with PC compatible computer (requires interface cable, CMC). 10 x 9 x 9". Requires 4 "AA" batteries or AC adapter. 149<sup>95</sup> (TSP available) 65-940 ..... **Low As \$15 Per Month**

Radio Shack Pocket Directory EC-339. Ideal traveling companion for business people. Data organizer has all the power and features of EC-340 above, including 64K memory, but without Rolodex knobs. 2 1/2 x 4 1/4 x 5/8" (folded). With CR2016 and 2 CR2430 batteries. 99<sup>95</sup> (TSP available) 65-939 ..... **Low As \$15 Per Month**

**Built-in Infrared Transmitter System Lets You Transfer Data Between Any Two EC-340 and EC-339 Directories in Seconds!**



# SOLAR AND DUAL-POWERED CALCULATORS



## Shop Our Huge Selection of Calculators

- (1) **Radio Shack Dual-Powered EC-416.** Extra-large display and keys. Convenient horizontal, folding style. Square-root and percent keys, auto-constant, auto-shutoff.  $2\frac{3}{4} \times 4\frac{1}{2} \times \frac{5}{8}$ " (folded). With RS389A battery. **9<sup>95</sup>**
- (2) **Radio Shack Dual-Powered EC-445.** GPM key for the rapid computation of desired markup. Four-key memory, percent and square-root keys. Auto-shutoff.  $4\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{4}$ ". With billfold case, RS389A battery. **8<sup>95</sup>**
- (3) **Radio Shack Dual-Powered EC-414.** Display is tilted for convenient tabletop viewing. Percent, square-root and sign-change keys. Three-key memory. Auto-constant, auto-shutoff.  $4\frac{1}{2} \times 2\frac{3}{4} \times \frac{3}{4}$ ". With RS389A battery. **7<sup>95</sup>**
- (4) **Radio Shack Solar-Powered EC-419.** Pressing any function key brings that symbol (+, -, x) to the display to remind you of the current mode. Three-key memory, square-root and percentage keys.  $4\frac{1}{4} \times 2\frac{5}{8} \times \frac{1}{4}$ ". With case. **5<sup>95</sup>**
- (5) **Radio Shack Mity-Thin® Dual-Powered EC-427.** Compact size with big, easy-to-read digits. Has 3-key memory, square-root and percent keys. Auto-shutoff. Only  $3\frac{3}{8} \times 2\frac{1}{8} \times \frac{1}{4}$ " thin. With billfold case, RS389A battery. **6<sup>95</sup>**



## Who Said Calculators Have to Look Alike?

**NEW!** Radio Shack EC-428. Uniquely styled in decorator colors. Big, easy-to-read digits, 3-key memory, percent and sign-change keys.  $3\frac{7}{8} \times 2\frac{3}{8} \times \frac{1}{4}$ ". Dual powered. Comes complete with case and RS389A battery. **9<sup>95</sup>**

**Radio Shack EC-422.** Nice to give or get! A colorful calculator in an elegant lady's "compact" case. Folds to just  $2\frac{3}{4} \times 2\frac{5}{8} \times \frac{1}{2}$ ". Features 3-key memory, percent and sign-change keys and auto-constant. Snap clasp. Solar powered. **9<sup>95</sup>**



## Two Feature-Packed Specialty Calculators

**Radio Shack EC-430.** Checkbook organizer holds checks, register and pen. Features deposit, check, charge, payment and balance keys. Three memories store balance information. Dual powered.  $2\frac{3}{4} \times 6\frac{1}{8} \times \frac{5}{8}$ ". Includes RS389A battery. **15<sup>95</sup>**



**Radio Shack Micro-Thin™ EC-413.** Just slip it into your wallet or purse with your credit cards—only  $2\frac{1}{8} \times 3\frac{3}{8} \times \frac{1}{8}$ " thin. Features 3-key memory, square-root and percent keys. Auto-constant. Solar powered. Complete with handy protective case. **7<sup>95</sup>**



Adjusta-Tilt

## Giant Jumbo Display

**NEW!** Radio Shack EC-447. Big-digit Adjusta-tilt display provides the most comfortable viewing angle. Four-key memory, percentage and markup keys. Dual powered.  $5\frac{3}{8} \times 3 \times \frac{3}{8}$ ". With case and RS389A battery. **11<sup>95</sup>**



## A Great Value

**NEW!** Radio Shack EC-431. Set Adjusta-tilt display angle for your personal viewing comfort! Features 3-key memory, non-skid keys, percent and square-root keys. Dual powered.  $4\frac{3}{8} \times 2\frac{1}{2} \times \frac{1}{4}$ ". Complete with billfold case and RS389A battery. **9<sup>95</sup>**



## 12-Digit Display

**NEW!** Radio Shack EC-429. Adjusta-tilt display, auto 3-digit commas, last-digit correction, markup, grand-total key, percent, square-root and sign-change, keys. Dual powered.  $5\frac{1}{8} \times 3\frac{1}{8} \times \frac{3}{8}$ ". Includes RS389A battery. **12<sup>95</sup>**



## Extra-Large Keys

**Radio Shack EC-426.** Oversize keys for faster and easier operation. Horizontal, folding style. Has 3-key memory, sign-change key, double-size "+" and percent keys. Dual powered.  $2\frac{7}{8} \times 4\frac{7}{8} \times \frac{1}{2}$ " (folded). Complete with RS389A battery. **12<sup>95</sup>**

# SCIENTIFIC AND FINANCIAL CALCULATORS



## 177-Function Scientific

**Radio Shack EC-4025.** A big favorite on college campuses. Functions for math, chemistry, physics, biology, health, more. Dual-action keyboard reveals only the appropriate functions. Handles complex numbers and 2-variable statistics. 10-digit mantissa, 2-digit exponent.  $5\frac{3}{4} \times 3\frac{1}{8} \times 7\frac{1}{8}$ ". With RS386A battery. (TSP available) 65-992 **49<sup>95</sup>**



## 1103-Step Programmable

**Radio Shack EC-4026.** One of the most powerful calculating tools available today. Two-line display lets you enter and execute formulas exactly as they are written, even integral and fraction calculations. Features 179 scientific functions and engineering symbol calculations.  $5\frac{3}{8} \times 2\frac{7}{8} \times 3\frac{1}{8}$ ". With CR2025 battery. (TSP available) 65-993 **47<sup>95</sup>**



## Math and Science Formula

**Radio Shack EC-4024.** Features 23 built-in formulas for math, statistics, physics, electronics/electricity. Add two of your own equations with a total of 29 steps. Large 10-digit display has alphabetic prompt for formula use. Performs base-*n* math. Has nine physical constants. Dual powered.  $5\frac{1}{2} \times 2\frac{7}{8} \times 3\frac{1}{8}$ ". With lithium battery. (TSP available) 65-991 **34<sup>95</sup>**

## 110-Function Electrical Engineering



**Radio Shack EC-4035.** Accepts input and displays output using popular electronic/electrical engineering symbols— $1000\Omega$ ,  $5A$ ,  $500V$ . Alphanumeric display with contrast control. Functions for trig, statistics, fractions, base-*n* math and complex numbers. Has seven memory registers, engineering keys, auto-shutoff. 10-digit mantissa, 2-digit exponent.  $5\frac{1}{8} \times 2\frac{7}{8} \times 3\frac{1}{8}$ ". With case and 2 CR2032 batteries. (TSP avail.) 65-983 **39<sup>95</sup>**



## Radio Shack Calculators Fit Any Budget or Application

- (1) **Radio Shack EC-4031.** Full-featured 87-function scientific. Performs paired variable statistics, trig functions and base-*n* math. Seven constant memory registers. Random number generator. Dual powered. 10-digit mantissa, 2-digit exponent.  $5\frac{3}{8} \times 3 \times 5\frac{1}{8}$ ". With lithium battery, protective case. (TSP available) 65-997 **24<sup>95</sup>**
  - (2) **Radio Shack EC-4021.** Programmable 40-step scientific. Design your own "special application" calculator by programming formulas you use frequently. 46 functions. 8-digit mantissa, 2-digit exponent.  $5\frac{1}{2} \times 3 \times 1"$ . With case, 2 RS357A batteries. (TSP avail.) 65-984 **19<sup>95</sup>**
  - (3) **Radio Shack EC-4008.** A great value in a scientific calculator. Forty single-function keys. DEG/RAD/GRA switch. 5-digit mantissa, 2-digit exponent.  $4\frac{3}{8} \times 2\frac{1}{2} \times 1\frac{1}{4}"$ . With case, 2 RS357A batteries. 65-977 **13<sup>95</sup>**
- Calculator Desk Stand (Not shown) 65-705 ..... **2.49**



## Business Calculator

**Radio Shack EC-5010.** The preferred choice of business majors. Functions for calculating amortization, simple and compound interest, rate conversions, lease/buy options, much more. Comprehensive manual includes 30 real-life applications.  $5\frac{1}{8} \times 2\frac{3}{4} \times 3\frac{1}{8}"$ . With case and 2 RS357 batteries. (TSP available) 65-870 **24<sup>95</sup>**



## For Business Analysis

**Radio Shack EC-5100.** Built-in formulas solve tough business and financial problems. Provides one-button solutions in mortgages, lease/buy options, investment yield and many more.  $5\frac{1}{4} \times 2\frac{3}{4} \times 3\frac{1}{8}"$ . Manual with over 175 pages of business applications, pocket guide, case, 2 RS357 batteries. (TSP available) 65-875 **34<sup>95</sup>**



## For Metric Conversion

**Radio Shack EC-318.** Performs 22 conversions to and from metric. Includes conversion functions for weight, volume, distance and temperature. Calculator has 3-key memory, auto-constant, square root, sign-change and percent keys. Solar powered so it never needs batteries.  $4\frac{1}{8} \times 3 \times 1\frac{1}{4}"$ . With billfold case. 65-931 **14<sup>95</sup>**



## Yard/Foot/Inch Calc

**Radio Shack EC-317.** No need to convert yards, feet and inches to a single measure! Just enter 30 feet, 8 inches; multiply by 18 feet  $3\frac{3}{4}$  inches and get the answer—561.583 square feet. Switchable from decimal to fraction and reverse. Square and cube keys. Solar powered. With case.  $5\frac{1}{8} \times 2\frac{3}{4} \times 3\frac{1}{8}"$ . (TSP available) 65-935 **27<sup>95</sup>**

# PRINTING CALCULATORS FOR HOME/OFFICE



## 12-Digit Fluorescent Desktop With Speedy 2-Color Printing

**NEW!** Radio Shack

**EC-3021.** Wide, well-designed keyboard provides effortless operation—unerring choice for anyone using a calculator throughout the working day. Prints red for subtraction/negative amount. Item-count printing, auto 3-digit commas, "00" key, 4-key memory, mark up/down, percent and sign-change keys. Last-digit correction.  $2\frac{1}{4} \times 7\frac{1}{8} \times 8\frac{1}{2}$ ". **69<sup>95</sup>**



## Bright 10-Digit Fluorescent Display Desktop

**NEW!** Radio Shack

**EC-3022.** This is a rugged workhorse you can count on! Sturdy "10-key" calculator features last-digit correction, 4-key memory, auto-constant, "00", delta, mark up/down, percentage, paper feed and sign-change keys. Especially designed for anyone who's paying attention to the bottom line.  $6\frac{1}{2} \times 9 \times 2$ ". UL listed AC. (TSP available) **65-972 59<sup>95</sup>**



## Portable Printing Desktop With Fluorescent 10-Digit Display

**NEW!** Radio Shack

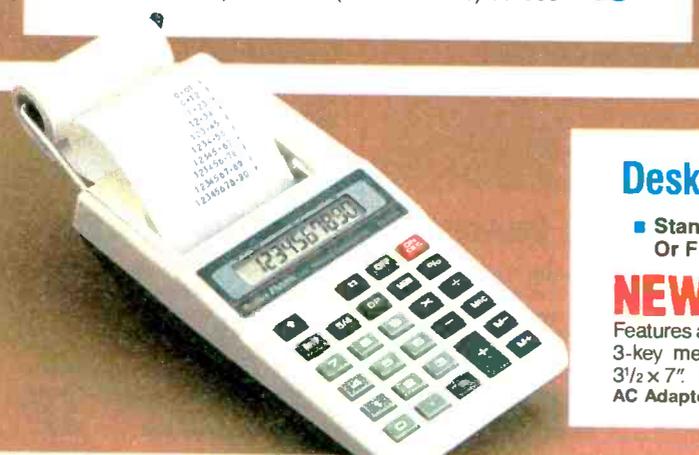
**EC-3018.** Perfect for office, school or home. Has features of calculators costing far more—last-digit correction, item-count printing, "00" key, double-size "+" and "CE" keys, four decimal-point positions plus floating, automatic 3-digit commas on display, 4-key memory, more.  $2 \times 6\frac{1}{2} \times 8\frac{7}{8}$ ". Requires 4 "AA" batteries or AC adapter below. (TSP available) **65-968 49<sup>95</sup>**



## Slimline With Extra-Large 10-Digit LCD

Radio Shack **EC-2014.**

Winning combination—full-sized keyboard and printing in a cordless portable. Big, easy-to-read digits. Adjustable LCD display. Four-key memory. Functions for mark-up, discount and round up/down. Percent, "00" and oversized "+" keys. A, 0, 2 and floating decimal point. Thin enough to travel easily in a briefcase—only  $1\frac{1}{8} \times 6\frac{1}{4} \times 7\frac{7}{8}$ ". Requires 4 "AA" batteries or AC adapter below. (TSP available) **65-966 49<sup>95</sup>**



## Desk/Handheld 10-Digit LCD Printing Calculator

- Standard  $2\frac{1}{4}$ "-Wide Paper Feeds From Storage Space Inside Calculator Or From Fold-Out Paper Holder, Which Takes a Full  $3\frac{5}{32}$ " Roll

**NEW!** Radio Shack **EC-3023.** Compact size fits easily in briefcase—ideal for people on the go who need a permanent record of their calculations. Features a "10-key" design with oversized "+" key, display-only and display-print modes, 3-key memory, percent and margin keys, round off/down selection.  $1\frac{1}{2} \times 3\frac{1}{2} \times 7$ ". Requires 4 "AA" batteries or AC adapter. (TSP available) **65-956 34<sup>95</sup>**  
AC Adapter. UL listed. For 65-956/966/968. 273-1454 ..... **7.95**

# RADIO SHACK READY-REFERENCE LIBRARY



## 12-Digit Dual-Powered Desktop Calculator

**NEW!** Radio Shack EC-2018. Two memories come in handy for justifying your checkbook or anytime you need to run three totals simultaneously. Adjustable-tilt display—set angle of large-digit LCD to your personal viewing comfort. Auto-switches from solar to battery power in dim light. Full-size "10-key" keyboard.  $1\frac{1}{2} \times 5\frac{3}{8} \times 7\frac{3}{8}$ ". With RS357A battery. (TSP available) **65-580**

**29<sup>95</sup>**



## Dual Powered Desktop LCD

Auto-Switches to Battery in Dim Light

Radio Shack EC-2016. Compact—yet has full-sized keys and big easy-to-read digits. Tilted display for viewing comfort. "Ten-key" design, four-key memory.  $1\frac{1}{8} \times 4\frac{1}{4} \times 5\frac{3}{8}$ ". Solar, with RS389A battery. **65-578**

**12<sup>95</sup>**

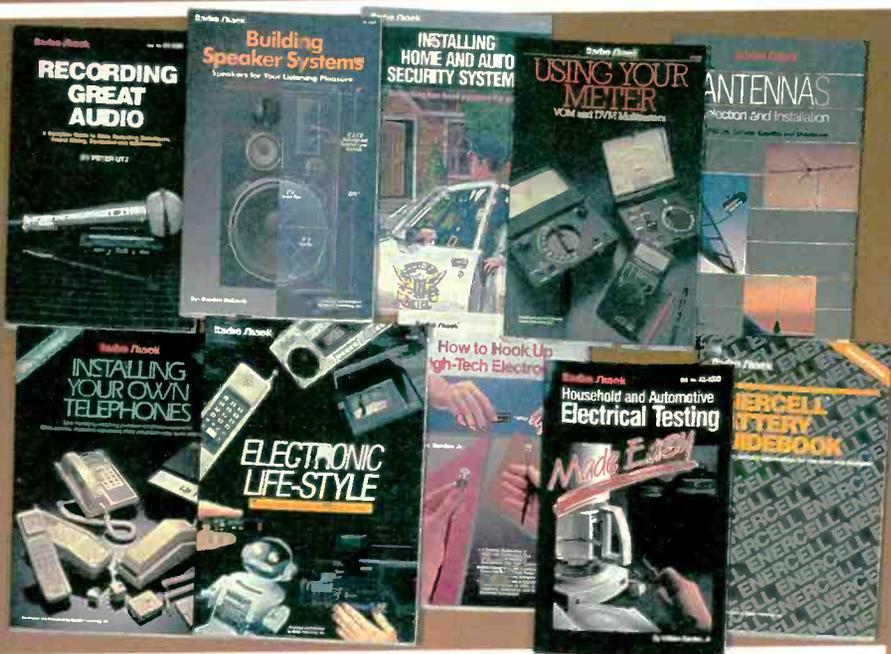
## Printing-Calculator Paper

Plain Paper for All Radio Shack Models

Size	Fits	Cat. No.	Pack of 3
2 $\frac{1}{4}$ "	65-664/669/952/954 965/966/967/968 969/970/971/972	65-710	2.49
1 $\frac{1}{2}$ "	65-666	65-712	1.59
1 $\frac{1}{2}$ "	65-951/953/955	65-713	2.49
2 $\frac{1}{4}$ "	65-954/956	65-715	2.79

Thermal Paper for Early Models

Size	Fits	Cat. No.	Pack of 3
2 $\frac{1}{4}$ "	65-643/644 645/646	65-706	3.69



## Books About Audio, Electronics, Communications and More

**Recording Great Audio.** Learn how to record, amplify, mix and copy audio signals while maintaining high fidelity, much more. 140 pages. 62-1089 ..... **4.95**

**Building Speaker Systems.** A detailed look at speakers. Includes plans and parts lists for building four speakers. 128 pages. 62-1087 ..... **5.95**

**Home/Auto Security Guide.** How to select and install anti-theft devices. 119 pages. 62-1086 ..... **5.95**

**Using Your Meter.** Get the most from VOM and DVM multimeters. 128 pages. 62-2039 ..... **4.95**

**Antennas—Selection and Installation.** Everything you need to know to properly select and install your custom antenna system. 112 pages. 62-1083 ..... **3.95**

**Installing Your Own Telephone.** 2nd edition. Illustrated instructions for telephone equipment installation, plus troubleshooting tips. 168 pages. 62-1390 ..... **5.95**

**Electronic Life-Style.** An exciting look at how new electronic products are changing our lives. 160 pages. 62-2340, **9.95**

**How to Hook Up High-Tech Electronics.** Covers video, audio, telephone, car and more. 170 pages. 62-1088 ..... **3.95**

**Household and Automotive Electrical Testing Made Easy.** How to test batteries, circuits, appliances, telephone wiring and more. 106 pages. 62-1090 ..... **3.95**

**ENERCELL® Battery Guidebook.** Explains how batteries work, describes the different types and how to select the right battery, more. 232 pages. 62-1304, **5.95**

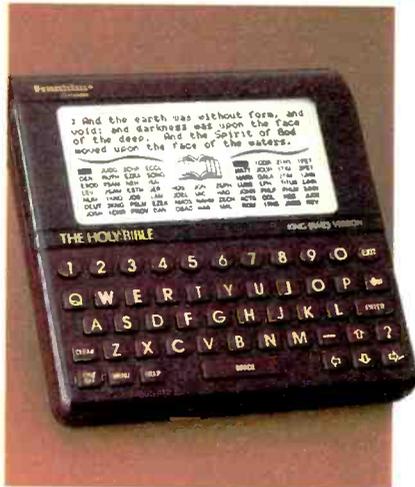
## MS-DOS Reference Books

**MS-DOS: The Basics, Volume 1.** Using MS-DOS® with applications software. By David Lien. 146 pages. 25-1506, **7.95**

**MS-DOS: Advanced Applications, Volume 2.** Covers more advanced features—subdirectories, batch files, more. 396 pages. 25-1507 ..... **14.95**



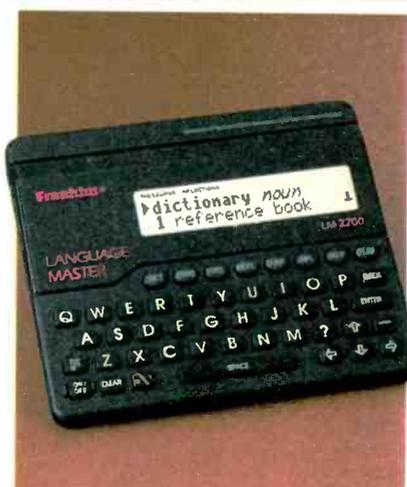
# LOOK IT UP IN A FLASH—ELECTRONICALLY!



## The Holy Bible in Two Electronic Editions

- Contains the Entire Text of Both The Old and New Testaments

**NEW!** Franklin® King James Bible KJ-21. Here's the world's best selling book now in easy-to-use electronic form. Turn it on and read it just as you would a printed Bible. Or use the "search" function to find selected passages at computer speed—type in a key word or phrase and, instantly, the screen displays the verse. "Bookmarks" help you return to favorite passages. With helpful built-in index and thesaurus. 5 7/8 x 5 7/8 x 1 1/8". Requires 4 "AA" batteries. (TSP available) 63-680 **EACH 199<sup>95</sup>**  
New International Version NIV-20. 63-684



## 2-in-1 Dictionary And Thesaurus

- 274,000 Dictionary Definitions
- 496,000 Thesaurus Synonyms

**NEW!** Franklin Language Master LM-2200. So powerful, so easy to use you'll never want to open a printed dictionary/thesaurus again. Simply input a word using the typewriter-like keyboard. Practically everything else is automatic—phonetic-spelling correction for over 83,000 words, definitions/synonyms at the touch of a button, help with "sound-alike" words, a definition search, 77,000 meaning cores, much more. Crossword solver and eight word games. 4 7/8 x 5 7/8 x 3/4". Requires 4 "AAA" batteries. (TSP avail.) 63-693 **79<sup>95</sup>**



## Electronic Thesaurus

- 487,000 Synonyms for Over 40,000 Entry Words
- Phonetic Spelling Correction for 83,000 Words

**NEW!** Franklin Wordmaster WM-1055. Shares all features of the LM-2200 above but without dictionary definitions. Using Wordmaster isn't a bit like digging through a printed thesaurus—the computer does all the hard work. There are 77,000 meaning cores to assist you in choosing the "right" word. And you get help with words that sound alike but have different spellings. A 3300 word list helps you to prepare for the SAT exam. 4 x 6 1/2 x 1". Requires 4 "AAA" batteries. (TSP available) 63-692 **49<sup>95</sup>**



## Handheld Electronic Speller

- Phonetically Searches to Find the Correct Spelling for Any of 80,000 Words in Seconds

Franklin Spelling Ace SA-98. Advanced phonetic spelling correction—lets you input a word the way it sounds and get back the correctly spelled word almost instantly. Even works with the poorest of spellers. Only sure of the first letters of a word? Punch in the ones you know, and you'll get a complete list of words that start with those letters. Built-in crossword puzzle solver, and it's great for word games. 4 x 6 1/2 x 1". Requires 4 "AAA" batteries. Was \$39.95 in 1991 Catalog. 63-677 **NEW LOW PRICE! 34<sup>95</sup>**



## Pocket Spelling Corrector

- Phonetic Spelling Correction for 80,000 Words From Merriam-Webster's Dictionary

**NEW!** Franklin Spelling Ace SA-95. Punch in a word the way it sounds, and get the correct spelling in seconds. Gives help with over 1700 "sound-alikes", words that sound like others but have different spellings or meanings. Lets you enter a sequence of letters and get a list of words that have that sequence—type in "phys" and the display lists "physic, physical, physician" and more. Crossword puzzle solver and seven word games. 2 1/2 x 4 1/8 x 1/4". With CR2032 battery. 63-691 **29<sup>95</sup>**



## Five-Language Translator

**NEW!** Micronta®. Translates between any two of these languages—English, Spanish, Italian, French and German. Each language includes 4000 most-useful words. Converts US dollars into three foreign currencies. World clock displays time in 128 major cities. 3 1/2 x 5 3/4 x 3/8". With 2 CR2032 batteries. (TSP available) 63-683 **49<sup>95</sup>**



## Pocket-Size Spell Checker

**NEW!** Micronta. Take it everywhere! Convenient size slips into pocket or purse—only 2 3/4 x 4 1/8 x 1/4". Spelling correction for 88,000 words. Features help with finding "sound-alike" words and words with similar spelling. Built-in crossword puzzle solver. Auto-shutoff. With 2 CR2032 batteries. (TSP available) 63-674 **29<sup>95</sup>**



## Pick Lottery Numbers With A Computer

Micronta Personal Lottery Master. Electronically chooses the numbers for you—no more guesswork or agonizing decisions! Selects random sets of numbers for lotteries in any state or country. Also handy for generating numbers for parlor games like Bingo, Auto-shutoff. 1 1/4 x 2 5/8 x 3/8". With leatherette case and two RS357A batteries. 63-642 **24<sup>95</sup>**

# TANDY MAKES WORD PROCESSING EASY



## Type, Correct and Print Error-Free Documents

**Tandy WP-100 Printing Wordprocessor.** Produce letter-quality documents with one self-contained unit. Entering text is easy with the full-size keyboard. Before printing your work on the built-in daisywheel printer, you can revise your text line-by-line on the 80-character by 8-line "supertwist" liquid display. Move, copy and edit words and paragraphs with just a few keystrokes. The built-in 50,000-word spelling dictionary will even proof your text for you! Save your finished documents for updating at any time on 100,000-character 2.8" diskettes. Built-in disk drive. With Courier 10 printing wheel and 2.8" diskette. (TSP available) 26-3950, Low As \$20 Per Month **599<sup>95</sup>**

### Diskette and Ribbon Accessories for the WP-100

100,000-Character 2.8" Diskette. 26-3951 ..... Pkg. of 2/16.95  
 Single-Strike Ribbon. 90K characters. 26-3952 ..... 9.95  
 Lift-Off Correction Tape. For 26-3952, above. 26-3953 ..... 3.95  
 Multi-Strike Ribbon. 150K characters. Special Order (CMC) 26-3954 ..... 11.95  
 Cover-Up Correction Tape. For 26-3954. Special Order (CMC) 26-3955 ..... 6.95

### WP-100 Printwheels Add Style! Only \$16.95 Each

Font	Cat. No.	Font	Cat. No.
Courier 10	26-3956	Courier 12	26-3957
Pica 10	26-3958	Script 12	26-3960
Letter Gothic 10/12	26-3959	Prestige Elite 12	26-3961

## Powerful Word Processing in an Inch-Thin Notebook!

- Only 1" Thin and 3.1 Pounds Light—Slips Comfortably Into Briefcase or Backpack
- Write Letters, Reports and Memos—And Check Your Spelling—Wherever You Are
- Powered by 4 inexpensive "AA" Batteries for the Ultimate in Ease of Portability

**Tandy WP-2 Portable Wordprocessor.** From boardroom to classroom, from library to home office, you can take notes, prepare reports and write letters—all with the portability of pen and paper. You can even put in a full day's work—up to 12 hours!—without changing batteries. The full-size keyboard lets you cut, paste, search, replace, center and justify your text with just a few keystrokes. The jet-black case houses a 100,000-word spelling dictionary and a 200,000-word thesaurus—you're never at a loss for words. For hard copies of your work, the WP-2 easily connects to Tandy or other PC-compatible printers. You can even add an optional modem to transfer your files by phone from the airport, your motel room— anywhere! Requires four "AA" batteries (not included) or AC adapter (sold below). FCC Class B. (TSP available) **349<sup>95</sup>**  
 26-3930 ..... Low As \$15 Per Month

**Internal 32K RAM Expansion.** Increases productivity by allowing you to store up to 32,000 additional characters for a total of 54K RAM. Installation recommended (not included). (TSP available) 26-3932 ..... **49.95**

**"IC Card" 32K RAM Expansion.** Plugs into the WP-2. Saves 32K of battery-protected RAM even after the card is removed. (TSP available) 26-3931 ..... **119.95**

**AC Adapter.** UL listed. 26-3804 ..... **6.95**

## Powerful Handheld Computer for Field Calculations

**Tandy PC-6 Pocket Scientific Computer.** The ideal field or classroom tool for engineers and students. Performs up to 65 preprogrammed scientific calculations. Or write your own calculating programs in BASIC or assembly language. With 8K RAM and a 24-character liquid crystal display. Folds up to a pocket-sized 3/4 x 2 3/4 x 5 1/2". Battery included. (TSP available) **119<sup>95</sup>**  
 26-3672 ..... Low As \$15 Per Month

**8K RAM Extension Module.** For 16K total RAM. 26-3674 ..... **19.95**

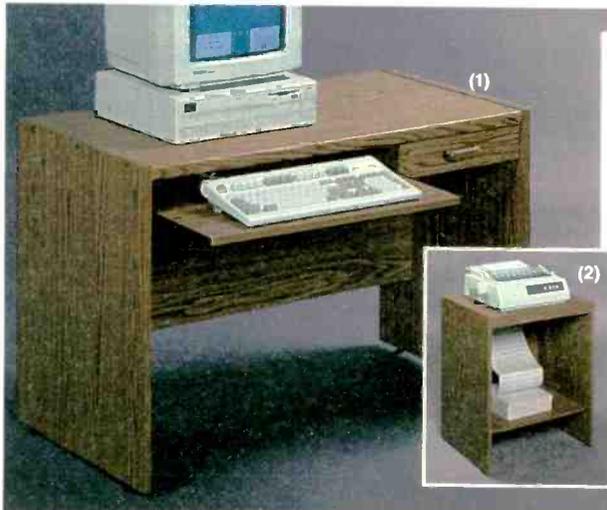
**PC-4/5/6 Printer.** Requires 26-3671 cable, below. (TSP available) 26-3652 ..... **99.95**

**PC-5/6 Cable.** 26-3671 ..... **16.95**

**Cassette Interface.** Requires 26-3671 cable, above. 26-3651 ..... **39.95**



# ORGANIZE WITH SYSTEM SPACE-SAVERS



## Workcenter Desk

(1) The functional workcenter for your whole system. Keyboard shelf slides under desktop when not in use—locks when extended. Also has convenient supply drawer. Simulated oak vinyl veneer. Some assembly required. 26-150 **99<sup>95</sup>**

## Printer Stand

(2) Perfect companion for the Workcenter Desk (above). Holds all 80- and 132-column printers. Features bottom-feed paper slot and extra-deep paper shelf. 26-242 **49<sup>95</sup>**



## Rolling System Cart

This space-saving organizer has room for a complete computer system. It's ideal if you're short on work space! Four shelves are vertically stacked, plus the keyboard and printer shelves slide out and lock in place. Will accommodate a printer up to 20" wide. The simulated oak veneer cart is mounted on four wheels and is completely mobile. 30<sup>1</sup>/<sub>4</sub> x 22 x 15<sup>7</sup>/<sub>8</sub>". Some assembly required. 26-118 **69<sup>95</sup>**



## Keyboard Flip Stand

**NEW!** Stores your keyboard on its side so it's out of the way when you need extra desk space for working. 26-1335, **6.95**



## Printer Stand with Tray

Elevates 80- or 132-column printers. Paper tray catches over 500 sheets of printed fanfold paper. 26-1392 .. **14.95**



## Universal Monitor Pedestal

Rotates/tilts CGA and monochrome monitors. 11 x 10". 26-1369 .... **16.95**  
13<sup>1</sup>/<sub>2</sub> x 11<sup>1</sup>/<sub>2</sub>" Pedestal. 26-125, **22.95\***



## Extension Cords

(1) 6' Computer/Printer Power Extension Cord. UL listed. 278-1257 .. **3.99**  
(2) 6' Safety Cord Cover. AC power cord not included. Beige. 26-1379 ..... **13.95\***



## Keyboard Protector

Remarkable keyboard cover stays in place while you type. Long-lasting, flexible and transparent. Causes no interference between keys. 26-123 .. **19.95**



## Printer Supports

The economical and space-saving way to elevate your printer. Creates extra room for fanfold paper storage underneath. Made of durable plastic. 26-236 ..... **8.95**



## Monitor Platform

Holds monitor and external disk drive for the Color Computer 3 or Tandy 1000 HX. 4<sup>7</sup>/<sub>8</sub> x 20<sup>7</sup>/<sub>8</sub> x 12" molded plastic, beige finish. Easy to assemble. 26-1329, **19.95**

## Extension Cables

6' Shielded Keyboard or Mouse Cable. Mini-DIN plugs. 26-149 ..... **8.95**  
5' Shielded Keyboard Cable. 5-pin DIN. 26-256 ..... **14.95**  
6' Shielded VGA Monitor Cable. DB15. 26-255 ..... **26.95\***  
6' Shielded CGA Monitor Cable. DB9. 26-257 ..... **14.95\***



## Keyboard Cover

Protects your keyboard from harmful dust and spills. Durable, see-thru styrene cover. Fits Tandy (not 25-4038) and IBM® 101-key keyboards. 26-1336 ..... **8.39**



## 80-Column Printer Stand

Lets you store up to four inches of paper under your printer. Features a bottom-feed paper slot and skid-resistant feet. 26-146 ..... **19.95\***



## Copy Hinge

Friction-grip rollers hold copy at eye level. Mounts to either side of any monitor. Swings back smoothly when not in use. 26-124 ..... **6.95\***



## Dust Covers

Universal System Cover. Large tailored cover protects your CPU, monitor and keyboard. 26-541 ..... **9.95**  
Universal Color Monitor Cover. Keep your monitor screen free of irritating dust and smudges. 26-548 ..... **6.95**  
Printer Dust Cover. For Tandy DMP 107/133/134/135/137 printers. 26-549 ..... **6.95**  
Printer Dust Cover. For Tandy DMP 136/240/300/302 printers. 26-550 ..... **6.95**



## Keyboard Rest

**NEW!** Supports your hands and wrists while you type. Helps prevent fatigue when doing extended work at the keyboard. 26-147 ..... **12.95**



## Universal Computer Stand

Two-piece floor stand saves valuable work space. Padded supports adjust from 3<sup>5</sup>/<sub>8</sub>" to 6<sup>7</sup>/<sub>8</sub>" to hold most CPUs safely upright underneath or beside your workstation. 26-119 ..... **14.95**



## Cable Security System

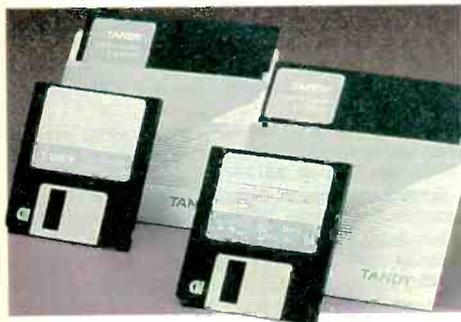
A low-cost theft deterrent. Three mounting plates attach firmly to monitor, CPU and wall or desk. System comes complete with cable and combination lock. 26-1376 ..... **24.95\***

# YOUR COMPUTER SUPPLY HEADQUARTERS

## Quality Tandy® Diskettes — No Better Value for Your Computer!

- Certified Error Free
- Highest Quality Materials for Best Backup Performance

- Unformatted, Soft Sectors
- 3 1/2" and 5 1/4" 10-Packs Come in Protective Storage Boxes



### Double-Sided 5 1/4" Disks

Density	Tracks	Capacity	Qty	Was in '91 Cat.	Cat. No.	Price
Double	40	360KB	3		26-411	4.95
			10		26-412	10.95
Double	80	720KB	3	7.95	26-409	5.95
			10	19.95	26-410	14.95
High	80	1.2MB	3		26-421	6.95
			10		26-422	18.95

### Double-Sided 3 1/2" Disks

Density	Tracks	Capacity	Qty	Was in '91 cat.	Cat. No.	Price
Double	80	720KB	3		26-417	5.95
			10		26-418	15.95
High	80	1.44MB	3	14.95	26-423	10.95
			10	42.95	26-424	31.95

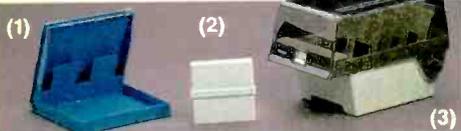
### 8" Diskettes

Sides	Density	Tracks	Capacity	Qty	Cat. No.	Price
Single	Double	77	608KB	10	26-4906	37.95*
Double	Double	77	1.2MB	10	26-4960	39.95*

### Colorful Diskette Labels

3 1/2" Replacement Labels. 25 each of four different colors. 25-244 ..... Pkg. 100/2.95

5 1/4" Replacement Labels. 25 each of four different colors. 25-245 ..... Pkg. 100/2.95



### Protect Your Valuable Diskettes

- (1) Deluxe Library Boxes.  
 3 1/2". Holds 5. 26-1380 ..... 2/2.95  
 5 1/4". Holds 5. 26-1348 ..... 2.95
- (2) Economy Tote Boxes.  
 3 1/2". Holds 3. 26-213 ..... 1.09  
 3 1/2". Holds 10. 26-273 ..... 1.29  
 5 1/4". Holds 3. 26-216 ..... 1.19  
 5 1/4". Holds 10. 26-274 ..... 1.39
- (3) Diskette Storage Boxes.  
**NEW!** 3 1/2". Holds 35. 26-140 ..... 11.95  
**NEW!** 5 1/4". Holds 50. 26-141 ..... 13.95



### 3 1/2" and 5 1/4" Disk Drive Cleaning Kit

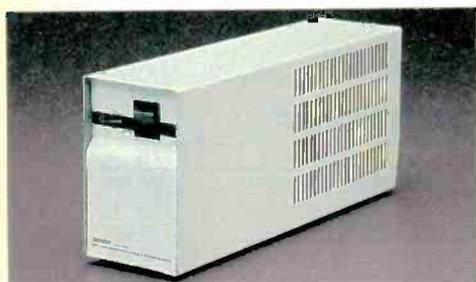
**NEW!** Kit contains both 3 1/2" and 5 1/4" diskettes and one ounce of cleaning fluid—enough for 15 cleanings each! Loads like an ordinary diskette to safely remove harmful data-destroying oxide buildup from single or double-sided drives. The disk-protecting cleaning takes only seconds. 26-295 **7.95**

3 1/2" Disposable Kit. Same as above, only in a handy two-cleanings size for your 3 1/2" drive. 26-271 ..... **3.29**  
 5 1/4" Disposable Kit. Two cleanings. 26-239 ..... **2.39**



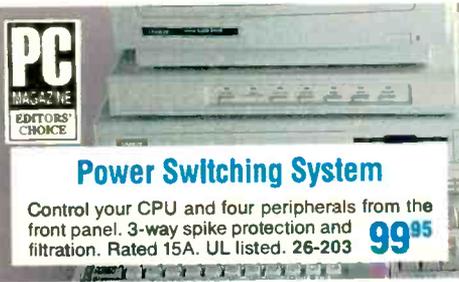
### Computer Care System

**NEW!** Get everything you need to keep your computer, monitor and disk drives clean—outside and in! This complete Computer Care System contains the 15-application Disk Drive Cleaner Kit (see 26-295, at left), plus one four-ounce pump spray bottle each of video display cleaner, case and cabinet cleaner, and anti-static solution. The system also includes 25 lint-free, non-residual cleaning wipes for those quick monitor display touchups. 26-296 **19.95**



### High-Performance Off-Line UPS

**NEW!** UPS-300 Off-Line Uninterruptible Power System. Protects your computer and peripherals by providing power via an internal maintenance-free battery during electrical failures, giving you time to save your work and shut down your system. Supplies filtered power, too. Three outlets. 250 watts. UL listed AC. (TSP available) 26-251 **329.95\***



### Power Switching System

Control your CPU and four peripherals from the front panel. 3-way spike protection and filtration. Rated 15A. UL listed. 26-203 **99.95**

### 2-Outlet Spike Protector

Gives you full common and differential-mode transient spike protection, as well as push-to-reset circuit breaker. Rated at 10 amps. UL listed AC. 26-1395 **18.95**



### Power Center and Controller

6-Outlet Auto Power Controller. Turns on peripherals when CPU powers up. Full common and differential-mode transient spike protection and 3-way filtration. 6' power cord. UL listed AC. 26-1396 ..... **69.95**  
 4-Outlet Power Center. Three-way transient spike protection, one-way filtration. 15-amp circuit breaker and 6' power cord. UL listed AC. 26-1365 ..... **39.95**

# INSIST ON GENUINE TANDY ACCESSORIES

## Precision Cursor Controllers

(1) **Pistol-Grip Joystick.** Our best game stick provides a better grip for faster, more accurate response. Self-centering with two buttons on the base. For Tandy 1000-series and the Color Computer 3. 26-3123 ..... **29.95**

(2) **Joystick for Apple®/IBM®.** High-speed auto-firing, free-floating or auto-centering modes. Has 15 and 9-pin connectors. IBM XT and Apple IIe/c compatible. 270-1707 ..... **24.95**

**Joystick Adapter.** Converts standard DIN plug to mini-DIN. 26-284 ..... **4.99**

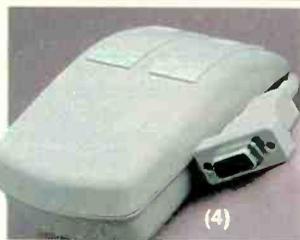
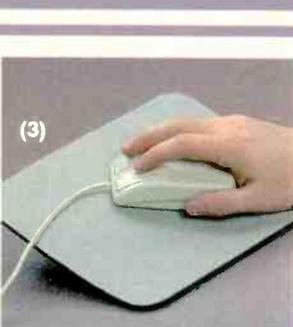
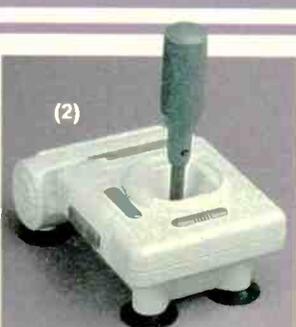
(3) **NEW LOW PRICE! Mouse Pad.** Provides excellent contact and a smooth tracking surface. 9<sup>3</sup>/<sub>16</sub> x 7<sup>1</sup>/<sub>16</sub>". Was \$6.95 in 1991 Catalog. 26-237 ..... **4.95**

(4) **Tandy Serial Mouse.** Perfect for DeskMate. Microsoft® compatible. Two buttons. DB9 female plug. 25-1040, **49.95**

(5) **Two-Button Mouse.** PS/2® and Microsoft compatible. For Tandy computers with PS/2-style mini-DIN mouse port. 25-1042 ..... **49.95**

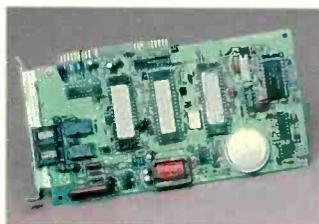
(6) **Mouse Holder.** Keep your mouse handy! Attach to the side of your monitor, CPU or desk and never lose track of your mouse again. 26-275 ..... **2.49**

Microsoft/Reg. TM Microsoft Corp. PS/2 Reg. TM IBM Corp. DeskMate/Reg. TM used by Tandy Corp.



## Modems for Tandy® Laptop Computers

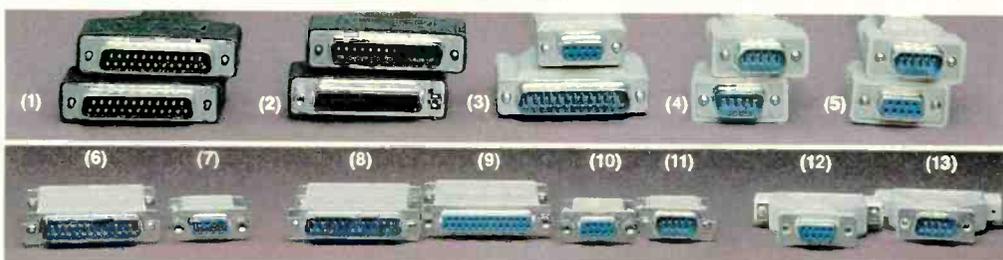
Computer	Speed	Fax	Cat. No.	Price
Tandy 1100	2400 bps	n/a	25-3538	<b>199.95</b>
Tandy 1500/1800 2810/3810	2400 bps	n/a	25-3525	<b>199.95</b>
Tandy 1500/1800 2810/3810	2400 bps	9600/send	25-3509	<b>249.95</b>



## Easy-to-Use Internal PC Modem

**2400-bps Half-Card Modem.** Access online information with this powerful internal modem for Tandy and other PC compatibles that have an 8-bit slot. You get a full Hayes® command set, auto-dial/answer, monitor speaker and telephone cord. At 1200 bps, the modem is compatible with Bell 212A, and with Bell 103 at 300 bps. Also features CCITT V.22 bis. FCC registered. Was \$149.95 in 1991 Catalog. (TSP available) 25-1037

**NEW LOW PRICE!**  
**99<sup>95</sup>**



## Make the Right Connection with Our Serial RS-232C Cables and Connectors

Fig.	Description	Connectors	Cat. No.	Each
1	6' round shielded	DB25 male/DB25 male	26-249	<b>16.95</b>
1	10' round shielded	DB25 male/DB25 male	26-291	<b>24.95*</b>
1	25' round shielded	DB25 male/DB25 male	26-292	<b>32.95*</b>
1	50' round shielded	DB25 male/DB25 male	26-293	<b>46.95*</b>
1	100' round shielded	DB25 male/DB25 male	26-294	<b>69.95*</b>
2	6' round shielded	DB25 male/DB25 female	26-240	<b>16.95</b>
3	6' round shielded	DB25 male/DB9 female	26-269	<b>17.95</b>
4	6' round shielded	DB9 male/DB9 male	26-116	<b>9.95</b>
5	6' round shielded	DB9 male/DB9 female	26-117	<b>9.95</b>
6	Null Modem Adapter	DB25 male/DB25 female	26-1496	<b>4.95</b>
7	Null Modem Adapter	DB9 male/DB9 female	26-264	<b>3.95</b>

Fig.	Description	Connectors	Cat. No.	Each
8	Gender Changer	DB25 male/DB25 female	26-243	<b>4.95</b>
9	Gender Changer	DB25 female/DB25 female	26-1495	<b>4.95</b>
10	Gender Changer	DB9 female/DB9 female	26-266	<b>3.95</b>
11	Gender Changer	DB9 male/DB9 male	26-280	<b>3.95</b>
12	Port Adapter	DB25 female/DB9 female	26-265	<b>4.59</b>
13	Port Adapter	DB25 female/DB9 male	26-287	<b>4.59</b>
13	Port Adapter	DB25 male/DB9 male	26-1388	<b>4.59</b>
14	<b>NEW!</b> A/B Switch shielded	DB9 male/A or B DB9 male	26-151	<b>24.95*</b>
15	A/B Switch shielded	DB25 female/A or B DB25 female	26-115	<b>24.95*</b>

6' Color Computer Cable. 4-pin DIN male/4-pin DIN male, special serial. 26-3020 .. **5.95**  
Tandy 102 Modem Twin 4' Direct-Connect Cable. 8-pin DIN (Heshman type) male/modular phone RJ11C. 26-1410 ..... **14.95**

Many other hard-to-find cables, connectors and computer supplies are available by special order through our exclusive Consumer Mail service. If the item you need is not currently in stock at one of our 7000 participating Radio Shack stores or dealers, we will order it for you at no extra charge.

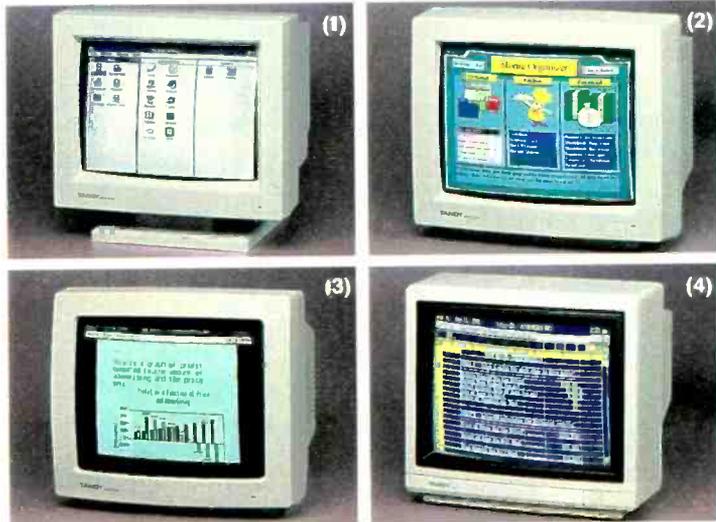
**174 \*MAY BE SPECIAL ORDER IN SOME STORES**

Use modems only with Bell-compatible equipment. Direct-connect modems require controller for multiline use. Hayes/Reg. TM Hayes Microcomputer Products, Inc.

# ENHANCE YOUR TANDY PC COMPATIBLE

## Top Your System with a Quality Tandy® Monitor

- (1) **NEW!** VGM-440 Color Monitor. Our best. For anyone needing color-intensive graphics, the 14" screen displays up to 1024x768 interlaced Super-VGA graphics with a .28mm dot pitch. Comes on a tilt-swivel base. (TSP available) 25-4046 ..... **649.00\***
- VGM-200 Color Monitor. Sharp VGA color 640x480 display with .42mm dot pitch. Non-glare screen. (TSP available) 25-4041 ..... **499.95**
- (2) **NEW!** VGM-220 Color Monitor. Get VGA quality at an affordable price. Displays super-clear 640x480 graphics in .52mm dot pitch. (TSP available) 25-4044 ..... **399.95**
- (3) VGM-100 14" Monochrome VGA Monitor. 640x480 resolution with up to 64 shades of gray. Eye-pleasing white-on-gray display. (TSP available) 25-4040 ..... **199.95\***
- (4) CM-11 High-Resolution CGA Color Monitor. Displays 80x20 text and 640x200 graphics. For all Tandy 1000s and the Tandy 1400 LT portable. (TSP available) 25-1024 ..... **399.95**
- CM-5 CGA Color Monitor. Economical color monitor. 13" screen displays 80x25 text and 320x200 graphics. (TSP available) 25-1043 ..... **299.95**
- VM-5 Monochrome Monitor. (TSP available) 25-3012 ..... **149.95**
- 6-ft. Shielded Monitor Extension Cable. DB9 connector for EGA/CGA and monochrome monitors. 26-257 ..... **14.95\***
- 6-ft. Shielded VGA Monitor Extension Cable. 26-255 ..... **26.95\***



## Plug-In SmartDrive™ IDE 3 1/2" Hard Drives

Tandy makes hard drive expansion easy and affordable with SmartDrive technology. No card slot is necessary because a separate (and expensive) controller board isn't required—simply plug into the Tandy computer's SmartDrive IDE socket. All Tandy SmartDrives are completely user-installable.

### XT Compatible

- NEW LOW PRICE!** 20MB SmartDrive. For the 1000 RL. Was \$399.95 in 1991 Catalog. 25-1047 ..... **349.95**
- NEW!** 40MB AT-XT Switch. For AT or XT compatibles. 25-1048 ..... **399.95**
- NEW!** SmartDrive Adapter. Use to install the 20MB SmartDrive (25-1047) or 40MB AT-XT Switch (25-1048) listed above in PCs without an IDE interface. 25-1088, **79.95**

### AT Compatible

- NEW!** 40MB AT-XT Switch. For AT or XT compatibles. 25-1048 ..... **399.95**
- NEW LOW PRICE!** 52MB 1" Height. Was \$599.00 in 1991 Cat. 25-4124 ..... **499.95**
- NEW LOW PRICE!** 105MB 1" Height. Was \$899.00 in 1991 Cat. 25-4130 ..... **699.00\***
- NEW!** 160MB 1.6" Height. 25-4126 ..... **1099.00\***

## Memory Expansion Kits

- 128K Memory Kit.** Upgrades the Tandy 1000 TX and TL series from 640K to 768K RAM, the Tandy SL from 384K to 640K (requires 2 kits) and the SL/2 from 512K to 640K RAM. Contains four 64K x 4 DRAMs. 25-1078 ..... **39.95\***
- 256K Memory Kit.** Adds 256K to Memory PLUS Expansion Adapter (25-1062, see below), or expands the Tandy 1000 SX from 384K to 640K RAM. Contains eight 256K x 1 DRAMs. 25-1079 ..... **59.95\***
- 256K Memory Kit.** Upgrades the Tandy 1000 RL from 512K to 768K RAM. Contains two 256 x 4 100ns DRAM chips. 25-1082 ..... **59.95\***
- NEW!** 512K Zip Memory Kit. Adds 512K RAM to the Tandy 1000 RLX. Contains four zip chips. 25-1083 ..... **79.95\***

## Tandy 1000 EX/HX Expansion Options

- Memory PLUS Expansion Adapter.** Use with the 256K Memory Kit (25-1079) above. 25-1062 ..... **149.95**
- PLUS Upgrade Adapter Board.** Lets you use PLUS Upgrade Boards in a standard PC card slot. 25-1016 ..... **14.95**
- External 3 1/2" 720K Floppy Disk Drive.** The easy way to upgrade your computer's proficiency. (TSP available) 25-1061 ..... **279.95\***



Anti-Glare  
Glass Filter

**NEW!** Reduce glare-induced fatigue and eyestrain with this durable, optically coated glass filter that cuts glare by 95%. Controls reflections and "washout" from bright lights. 26-279 ..... **39.95**

## Tandy FaxMate™



- Turn Your PC Into a Fax Machine
- Use DeskMate® or DOS Files

An easy-to-use send and receive facsimile board for any 640K PC with a hard drive. Display and print incoming faxes and more. Was \$349.95 in 1991 Catalog. 25-3063 ..... **NEW LOW PRICE 249.95**

## 3 1/2" and 5 1/4" Floppy Disk Drives

- NEW LOW PRICE!** 3 1/2" 720K Internal Disk Drive. Was \$139.95 in 1991 Catalog. (TSP available) 25-1075 ..... **109.95**
- 3 1/2" to 5 1/4" Adapter Bracket. For 25-1075 above. 25-1076 ..... **34.95\***
- NEW LOW PRICE!** 3 1/2" 1.44MB Internal Disk Drive. Was \$169.95 in 1991 Catalog. (TSP available) 25-4053 ..... **129.95\***
- NEW!** 5 1/4" 1.2MB External Disk Drive. (TSP available) 25-1087 ..... **299.95**
- NEW LOW PRICE!** 5 1/4" 360K Internal Disk Drive. Was \$169.95 in 1991 Catalog. (TSP available) 25-1063 ..... **139.95**
- 5 1/4" 360K Internal Disk Drive. For Tandy 2500, 3000 and 4000 series. (TSP available) 25-4051 ..... **139.95\***
- NEW LOW PRICE!** 5 1/4" 1.2MB Internal Disk Drive. Was \$169.95 in 1991 Catalog. 25-4050 ..... **159.95\***

## System Upgrades and Accessories

- Enhanced 101-Key Keyboard. (TSP available) 25-4032 ..... **99.95**
- NEW LOW PRICE!** 8-BIT VGA Adapter. Was \$199.95 in 1991 Catalog. 25-4043 ..... **169.95\***
- NEW LOW PRICE!** Monochrome Graphics Adapter. Was 119.95 in RSC-22A. 25-3049 ..... **99.95\***
- NEW LOW PRICE!** Dual Serial Port/Parallel Printer Adapter. Was \$79.95 in RSC-22A. 25-4025 ..... **69.95**
- SmartWatch. Perpetual clock/calendar. For Tandy 1000 series. 25-1033 ..... **39.95**

\*MAY BE SPECIAL ORDER FOR SOME STORES / THERE'S A RADIO SHACK STORE NEAR YOU—WHEREVER YOU ARE

# TANDY® PRINTERS FOR YOUR EVERY NEED



## Wide-Carriage Printer With Six Fonts

(1) DMP 2103. Perfect for business printing needs. Prints up to 270 cps. With semi-automatic single-sheet feeder, paper park, 128K memory. (TSP available) 26-2850 ..... **Low As \$30 Per Month \$899\***  
 Ribbon Cartridge. 26-2819 ..... 11.95  
 Cut Sheet Feeder. 26-2816 ..... 299.95\*

## Ultra-Fast Dot-Matrix Printer — Our Finest!

(2) DMP 2130. 28-wire design prints up to 480 cps. Flat bed prints 6-part forms up to 16½" wide. Push tractor with 1" tear. (TSP available) 26-2845 ..... **Low As \$37 Per Month \$1199\***  
 Printer Ribbon Cartridge. 26-2846 ..... 34.95\*



## Value-Priced 132-Column Printer With Precision 24-Wire Print Head

**NEW!** DMP 2104. The ideal printer for personal as well as business use. Convenient front-panel controls—no dip switches to set! Quietly prints up to 240 characters per second. With 360 x 180 graphics, correspondence mode, push tractor, paper park and semi-automatic paper feed. Resident fonts include Courier and Sans Serif. Prints original, plus three copies. IBM Proprinter XL24 and Epson LQ-1050 emulations. (TSP available) 26-2865, **Low As \$20 Per Month \$599\***  
 Printer Ribbon Cartridge. 26-2869 ..... 16.95\*



## High-Speed Dot Matrix Printing for Your Home or Office Correspondence

DMP 302. An ideal home and office printer. Prints up to 270 characters per second, as well as 360 x 180 dpi graphics. Comes with a semi-automatic single-sheet feeder, paper park, 128K memory and six resident fonts—Courier, Prestige, Roman, Helvette, Orator and Gothic. With Epson LQ and IBM Proprinter XL24 emulations. (TSP available) 26-2849 ..... **Low As \$20 Per Month \$599**  
 Ribbon Cartridge. 26-2819 ..... 11.95  
 Sheet Feeder. 26-2816 ..... 299.95\*



## 6PPM Laser Printer

**LP 950 Laser Printer.** A low-cost investment with high-end results. High-speed output and 300-dpi resolution. Space-saving design, yet features expandable 512K memory, convenient LCD front panel controls, front-loading paper cassette and two font card slots. Comes ready to work with

letter-size paper tray and Toner, Drum and Developer Cartridges. UL **\$1599\*** listed. (TSP available) 26-2838 ..... **Low As \$49 Per Month**  
 Toner Cartridge. 26-2841 ..... 64.95\*  
 Drum Cartridge. 26-2842 ..... 149.95\*  
 Developer Cartridge. 26-2843 ..... 149.95\*  
 1.5MB Memory Upgrade. 26-2852 ..... 599.95\*

# WHEN YOU WANT TO LOOK YOUR BEST



## High-Resolution Color Printer Will Add New Life to Your Presentations and Charts

**DMP 240.** Add a more creative dimension to your work by creating colorful charts, graphs and other visual displays. Great for business presentations, as well as school projects and other personal work that can use some colorful enhancement. Prints up to 160 cps in Roman, Sans Serif, Courier and Prestige fonts. This 24-wire dot-matrix printer is the perfect choice for word processing, general use and graphics which require high-resolution printing, including color printing (color ribbon sold separately, below). With reversible tractor feed and three letter-quality fonts. Prints original, plus up to three copies. UL listed AC. Was \$549.95 in 1991 Catalog. (TSP available) 26-2839 . . . Low As \$20 Per Month

**NEW LOW PRICE!**  
**499<sup>95</sup>**

Ribbon Cartridge. 26-2824 . . . . . 10.95

Ribbon Cartridge (4-Color). 26-2826 . . . . . 29.95



## Create Iron-On Transfers on Your PC!

**NEW!** Print 'N Press. Just make a design on your computer, place a transfer sheet in the printer, print it—and you're ready to transfer. Ideal for DMP 240 color printer. Includes five iron-on blanks. 26-1437 **9<sup>99</sup>**

## Hard-to-Find Printer Supplies

Print wheels, plotter pens, roll paper and copier supplies are available by special order through our exclusive Consumer Mail Service. If not currently in stock, we will order them for you at no extra charge.



## Choose From These Price/Performance Standouts

**NEW!** (1) **DMP 202.** For fast, crisp copies of all your correspondence, put your computer to work with this dot-matrix printer with 24-wire print head. It's ideal for both general business and personal uses—including memos, reports and desktop publishing—which don't require a wide carriage. Prints up to 180 cps in proportional, elongated, boldface and italic styles. Includes Courier font for letter writing. 26-2864 . . . . . **Low As \$15 Per Month 399<sup>95</sup>**

**NEW!** DMP 202 Ribbon Cartridge. 26-2871 . . . . . 13.95

**NEW!** (2) **DMP 135.** With word processing, data processing and dot-addressable graphics modes. Prints up to 300 cps in its super high-speed draft mode. Push tractor for fast fanfold feed. IBM ProPrinter II emulation. UL listed AC. (TSP available) 26-2866 . . . . . **Low As \$15 Per Month 319<sup>95</sup>**

Ribbon Cartridge. 26-1236 . . . . . 10.95

Ribbon Refill Pack (Black). 26-1238 . . . . . 14.95

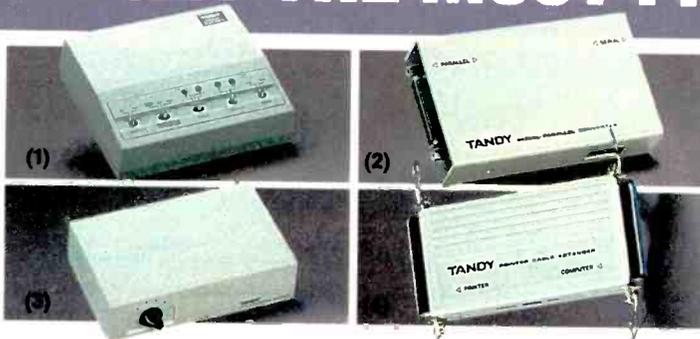
Ribbon Cartridge (3-color). 26-1235 . . . . . 19.95

**NEW!** (3) **DMP 136.** This 9-wire dot-matrix printer is the perfect choice for word processing, general use and graphics which require high-resolution printing, including color printing (color ribbon sold separately, below). With reversible tractor feed. (TSP available) 26-2868 . . . . . **Low As \$15 Per Month 299<sup>95</sup>**

Ribbon Cartridge (Black). 26-2824 . . . . . 10.95

Ribbon Cartridge (4-color). 26-2826 . . . . . 29.95

# GET THE MOST FROM YOUR PRINTER



## Accessories to Take Control of Your Printer

- (1) **Printer Selector Switch 3.** Gives fingertip control over your PC/printer hookups. Automatically lets you select between two printers or computers. (TSP available) **26-2844** ..... **99.95\***
- (2) **Serial-to-Parallel Port Converter.** Lets you use the printer designed for your needs, not your computer's. Converts your personal computer's standard RSC-232 port to a parallel printer port. (TSP available) **26-2829** ..... **99.95\***
- (3) **Four-Way Printer Switch.** The low-cost way to increase your small office's productivity and efficiency. Selector automatically switches a single printer between four different office computers. **26-2828** ..... **59.95\***
- (4) **Printer Cable Extender.** Helps you arrange your office to your convenience—puts your printer where you want it. Will extend your printer cable 25 feet when used with the 25-foot extension cable (26-290) sold below. **26-2840** ..... **29.95\***

## We Have the Cable for Any Tandy Printer

Fits	Description	Length	Cat. No.	Each
Tandy 1000 Series (Except RL/RLX and TL/3)	Edge Card/36-pin Tandy port for most Tandy printers	6' S	26-225	27.95
		12' S	26-222	35.95
	Edge Card/36-pin IBM port	6' S	26-289	27.95
		12' S	26-1259	35.95
Tandy 1000 RL/RLX/TL/3/ 3000/4000/5000 WP2/IBM All Tandy Laptops	25-pin male/36-pin Tandy port for most Tandy printers	6' S	26-227	24.95
		12' S	26-223	35.95
	25-pin male/36-pin IBM port	6' S	26-288	24.95
		12' S	26-1258	35.95
Color Computer/MC-10	4-pin DIN/4-pin DIN Special Serial Cable	6' S	26-3020	5.95
Model I/III/4/AP/4D	Edge Card/36-pin Tandy port	6'	26-1401	29.95*
Model II/12/16/16B/ 2000/6000	34-pin female header/36-pin Tandy port	6'	26-4401	29.95*
Model 100/102/200/600	26-pin female header/36-pin Tandy port	6'	26-1409	16.95*
Extension Cable for 26-2840	36-pin male/36-pin male, Requires 26-2840	25' S	26-290	59.95*

Note: An "S" after the cable length indicates shielded round cable.



## NEW! 90° Angle Adapters

Quick, convenient adapters—simply plug into any printer cable and printer that uses a Centronics connection.

Right Angle Adapter. **26-2867** ... **10.95**

Left Angle Adapter. **26-2870** ... **10.95**

## Mailing Labels

■ Approx. 4" x 3"

Red and yellow design with adhesive. Package of 335. **26-126** ..... **8.95**  
**Blue-Border Design.** Pkg. of 335. **26-127** ..... **8.95**

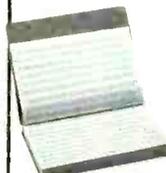
## Fanfold Labels

Pressure-sensitive adhesive

Width	Carrier	Qty	Cat. No.	Each
1	4 1/4"	1000	26-1328	6.29
1	4 1/4"	5000	26-261	19.95*
2	9 1/2"	2000	26-262	16.95*
3	9 1/2"	3000	26-263	16.95*

## Replacement Tandy® Printer Ribbons and Supplies

Printer	Ribbon	Cat. No.	Each
Tandy LP III, V	Fabric Cart.	26-1414	9.95*
Tandy LP VI/VIII, DMP 400/420	Fabric Cart.	26-1418	9.95*
Tandy LP VII, DMP 100	Re-Inking Fabric	26-1424	13.95*
Tandy DMP 105, 106	Black Fabric Cart.	26-1288	8.95
Tandy DMP 110	Re-Inking Fabric	26-1283	8.95
Tandy DMP 120, 200	Fabric Cart.	26-1483	11.95*
Tandy DMP 130/130A/132/133/107	Black Ribbon	26-1236	10.95
Tandy DMP 130/130A/132/133/107	Refill (3-Pack)	26-1238	14.95
Tandy DMP 300/2102	Black Ribbon	26-2819	11.95
Tandy DMP 430	Black Fabric Cart.	26-1296	14.95
Tandy DMP 440	Fabric Cart.	26-2809	34.95*
Tandy DMP 440	Refill	26-2827	19.95
Tandy DMP 442	Black Ribbon	26-2823	11.95
Tandy DMP 500	Fabric Cart.	26-1482	13.95*
Tandy DMP 2100, 2100P, 2110	Fabric Cart.	26-1442	9.95*
Tandy DMP 2120	Black Ribbon	26-2834	39.95*
Tandy DMP 2120	Black Refill	26-2836	18.95*
Tandy DMP 2200	Black Ribbon	26-2825	22.95*
Tandy DWP 220	Black Multi-Strike	26-1299	24.95*
Tandy DW II, DWP 410, 510	Multi-Strike (3-Pack)	26-1419	19.95
Tandy DW II, DWP 410, 510	Nylon Cart.	26-1449	7.95*
Tandy DWP 520, 230, 210	Multi-Strike (3-Pack)	26-1445	19.95
Tandy DWP 520, 230, 210	Fabric Cart.	26-1458	7.95*
Tandy PC-2 Plotter/CGP 115 Plotter	Black	26-1480	2.95*
Tandy PC-2 Plotter/CGP 115 Plotter	Color	26-1481	2.95*
Tandy WP-100 Wordprocessor	Black Single-Strike	26-3952	9.95
Tandy WP-100 Wordprocessor	Lift-Off Correction	26-3953	3.95
Tandy WP-100 Wordprocessor	Black Multi-Strike	26-3954	11.95*
Tandy WP-100 Wordprocessor	Cover-Up Correction	26-3955	6.95*
Tandy LP 1000 Toner	Black	26-2807	27.95*
Tandy LP 1000 Kit A	n/a	26-2805	199.95*
Tandy LP 1000 Kit B	n/a	26-2806	99.95*



## Stock Up Now on Fanfold Printer Paper

Our one-part bond fanfold paper is easy to feed and easy to tear. For maximum convenience, it feeds directly from the carton into your printer. "Utility," "Draft" and "Letter" paper-grade options give you added versatility for choosing the right quality paper that will fit in with your specific printing needs.

Grade	Size	Design	Count	Weight	Brightness	Perforations	Cat. No.	Each
Utility (Good)	9 1/2 x 11"	White	1000	15#	65	Standard	26-130	13.95
		Bluebar	1000	15#	65	Standard	26-131	13.95
Draft (Better)	9 1/2 x 11"	White	1000	18#	72	Micro-invisible	26-132	17.95
		White	2600	18#	72	Micro-invisible	26-133	39.95*
Letter (Best)	9 1/2 x 11"	White	1000	20#	80	Micro-invisible	26-134	22.95
		White	2500	20#	80	Micro-invisible	26-135	49.95*
Other	14 1/8 x 11"	Bluebar	1000	15#	72	None	26-136	21.95*

## We Can Help with Hard-to-Find Printer Supplies

Print wheels, plotter pens and roll paper for all Tandy and Radio Shack daisy wheel printers and plotters, plus copier supplies, are available by special order through our exclusive Consumer Mail service. If the items you need are not currently in stock, we will order them for you at no extra charge.

# LIGHTWEIGHT, GO-ANYWHERE LAPTOPS

## Easy and Ready to Use... Instantly

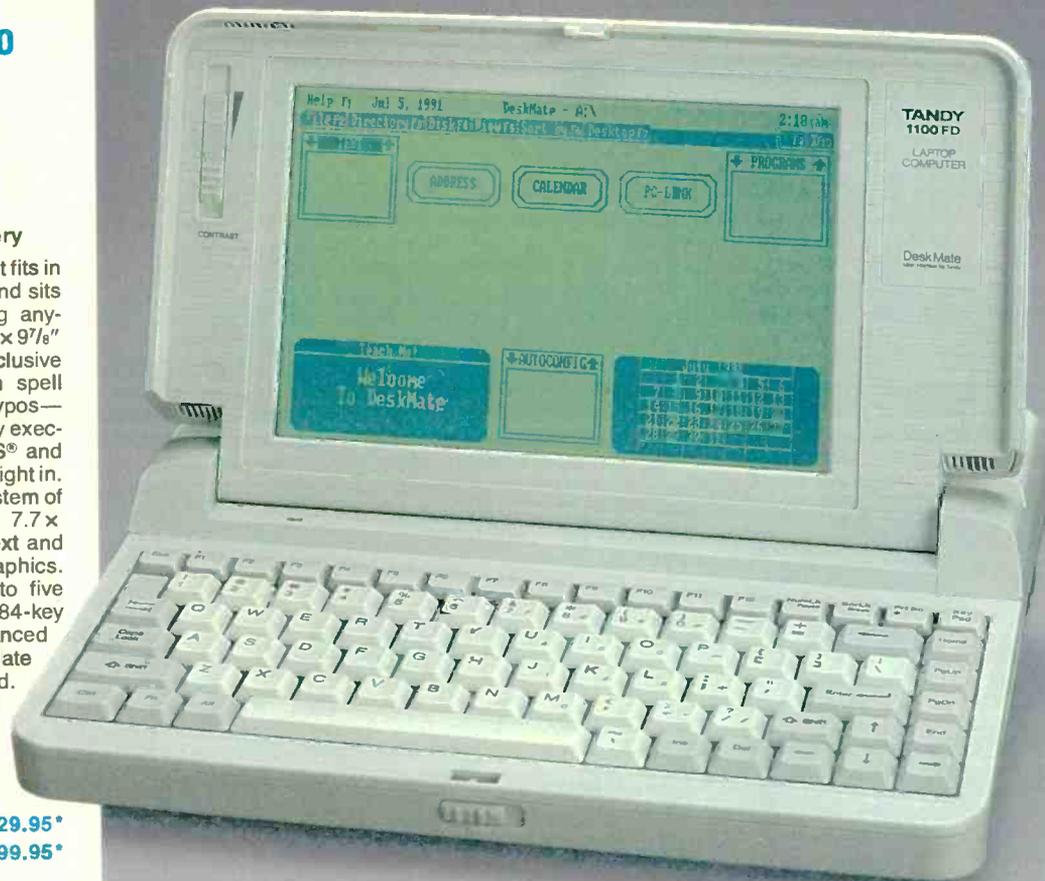
- Built-In Word Processing and Spell Checker Software
- Built-in 3 1/2" Disk Drive
- 640K RAM ■ PC Compatible
- Five-Hour Rechargeable Battery

**Tandy 1100 FD.** A PC so compact it fits in your briefcase for easy carrying and sits on your lap for quick computing anywhere. It measures only 23 1/8 x 12 1/8 x 9 7/8" and weighs just 6.2 pounds. Exclusive instant-on word processing with spell checker proofs your work for typos—great for students, writers and busy executives! For ease of use, MS-DOS® and the DeskMate® Interface are built right in. Just follow DeskMate's proven system of pull-down menus on the large 7.7 x 4.75" screen. Displays 80 x 25 text and 640 x 200 CGA monochrome graphics. Removable battery delivers up to five hours between charges. Full-size 84-key keyboard emulates an enhanced 101-key keyboard. Nine DeskMate productivity applications included. With printer port, serial port and UL listed AC adapter. (TSP **\$799** available)

25-3530, Low As \$25 Per Month

Battery. 25-3536 ..... 29.95\*

2400-bps Modem. 25-3538, 199.95\*



## Accessories for The Tandy 102

**Acoustic Coupler 2.** Fastens securely to round or square handsets. Ideal for use when direct phone connection isn't possible. Easily connects to phones in hotels, restaurants and airports—wherever you are. Also for WorldPort portable modems or the DCM-6. (Phone handset not included.) 26-3818 ..... 59.95\*

**Portable Disk Drive 2.** 26-3814 ..... 219.95\*

**Direct-Connect Modem Cable.** 26-1410 .... 14.95\*

**AC Adapter.** UL listed. 26-3804 ..... 6.95

**Printer Cable.** 26-1409 ..... 16.95\*

## Back Up Your Programs on Cassette

**CCR-83 Computer Cassette Recorder.** Ideal for loading and saving your own programs and data on cassette tapes. Your computer stops and starts the recorder automatically. With automatic level control and battery/record LED indicator. UL listed AC operation, or runs with four "C" batteries (not included). 26-1384 ..... 59.95

**Replacement Cable.** 26-1207 ..... 5.95

**Deluxe C-20 Reel-to-Reel Tape.** 26-308 ..... 3.79

**Certified C-10 Tape.** 26-302 ..... 1.89

## Famous Micro-Executive Workstation™ — Complete With Telephone Modem

- Five Instant-On Programs Provide Word Processing & Organizational Tools for Everyone
- 32K RAM Keeps You Working
- Phone Modem Keeps You in Touch
- Weighs Only 3 Pounds
- 40-Character x 8-Line LCD Display



**Tandy 102.** Our all-time favorite laptop computer is no lightweight when it comes to performance. Its easy-to-use word processor lets you compose memos, reports and other correspondence. Built-in programs include an appointment calendar, address/phone directory and phone dialer. Includes parallel, RS-232C, cassette and bar code reader interfaces, and a comfortable, full-size keyboard. Works up to 20 hours on four "AA" batteries (not included). (TSP available) 26-3803 ..... Low As \$20 Per Month **\$599**

\*MAY BE SPECIAL ORDER IN SOME STORES

MS-DOS/Licensed from Microsoft Corp. DeskMate/Reg TM and Micro-Executive Workstation/TM used by Tandy Corp.

# HIGH-PERFORMANCE TANDY® LAPTOP PC



## 286-Based With 20MB Hard Drive Built In

- MS-DOS 5.0 and DeskMate® Software Included
- 640K, Expandable to 1.64MB
- 3½" 1.44MB Floppy Disk Drive
- Lightweight—Only 6.0 lbs.

**NEW!** Tandy 1800 HD. Extremely durable construction and compact size (only 12.2 x 10 x 1.7") make this the perfect PC compatible for travel. Features a built-in hard drive and a 1.44MB floppy disk drive for running popular MS-DOS programs to increase your productivity. The DeskMate Graphical User Interface® is already installed, so you can begin computing right away. Choose from DeskMate's 10 productivity applications including word processing, spreadsheets and more. "Power View" tells you if the power is on when lid is closed. Caps Lock and Control keys can be reconfigured for your convenience. With 12 MHz 80286 processor. (TSP available) **\$1999**  
25-3502 .. Low As \$61 Per Month



## Take Your Laptop Wherever You Go

- The Perfect Traveling Companions for Notebook PCs
- Secure, Padded Protection

**NEW!** (1) Deluxe Briefcase Type Carry Case. Protect your notebook or laptop from damage and dust when traveling. Roomy storage compartments and convenient front-zippered pocket keep needed accessories always handy. 25-3514 **59<sup>95</sup>\***

(2) Universal Carry Case. Just slide in your notebook-size laptop for protection and easy portability. Features two outside pockets to hold accessories. 25-3512 **39<sup>95</sup>**

## Modem, Memory & Power Accessories for Laptops

- NEW!** 2400 bps Modem/9600 Send FAX. Combination internal modem and send facsimile board. Includes FAX software. 25-3509, Low As \$15 Per Month .. **249.95**
- 2400 BPS Modem. For Tandy 1500/1800/2810/3810 HD. 25-3525, Low As \$15 Per Month .. **199.95\***
- 2400-bps Modem. For Tandy 1400 LT/FD/HD. FCC registered. 25-3524, Low As \$15 Per Month .. **199.95\***
- Replacement Battery. For the Tandy 1500 HD/1800 HD/2810 HD/3810 HD. No more down time. Rechargeable. 25-3526 .. **79.95\***
- Battery for 1400 FD/HD. Always keep a spare on hand. Rechargeable. 25-3521 .. **79.95\***
- 1MB Memory Module. For Tandy 3810 HD/2810 HD/1500 HD. Adds 1MB storage. 25-3507, Low As \$15 Per Month .. **399.95\***

# DESKTOP POWER IN NOTEBOOK-SIZE PCs

## Get VGA Clarity and A 60MB Hard Drive

- 16/8MHz 80C286 Processor
- 1MB RAM, Expandable to 5MB
- VGA Backlit Screen
- 3.5 Hour Battery Life
- Quality Built, Yet Only 6.7 lbs.

**NEW!** Tandy 2810 HD. An AT-compatible powerhouse that will handle high-speed applications such as Microsoft® Windows with ease. Features 640 x 480 VGA graphics and sharp 16/32-gray scale. Attach a 101-key keyboard, printer and external drive anytime. DeskMate productivity software and the DeskMate Graphical User Interface® are included. You get a built-in 3 1/2" 1.44MB floppy disk drive and optional external monitor and floppy ports. "Power View" lets you know if the power is on while lid is closed. Configurable Caps Lock and Control keys. Only 12.2 x 10 x 1.7". (TSP available)

**\$2499\***

25-3552 .. Low As \$76 Per Month

**NEW LOW PRICE!** Tandy 2810 HD with 20MB Hard Drive. Was \$2499.00 in Cat. RSC-22A. (TSP available) 25-3551 .. **\$2199\***

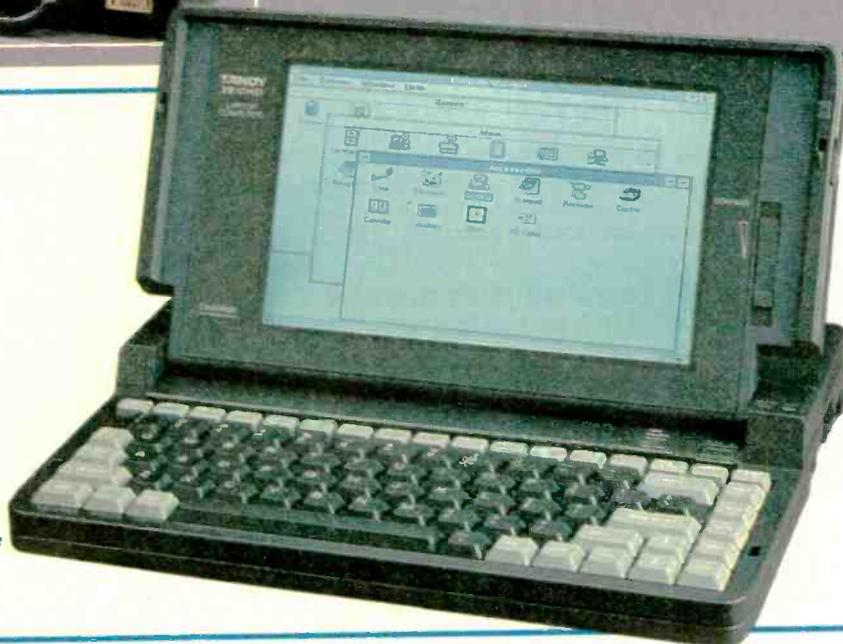


## 386SX Performance! 60MB HD! Our Most Powerful Laptop Ever!

- Doubles as a Desktop PC—Plug in a VGA Color Monitor, Desktop Keyboard, Mouse and Printer

**NEW!** Tandy 3810 HD. With a super-fast 20 MHz 386SX microprocessor and 1MB of memory, you can process spreadsheets and graphics in a snap. A 60MB hard drive lets you access programs and data without loading diskettes. MS-DOS 5.0 and DeskMate® 3 productivity software are included. The easy-to-read backlit screen features 640 x 480 VGA monochrome graphics. With 1.44MB 3 1/2" disk drive, parallel port, serial port, 4MB memory expansion, FAX/modem slot and VGA monitor connection. 12.2 x 10 x 1.7". Weighs only 6.7 lbs. 25-3571, Low As \$100 Per Month

**\$3299\***



# WE'LL WORK HARD FOR YOUR BUSINESS

## Who offers America's best-selling PC compatibles?

America's No.1 choice is Tandy. Tandy has a complete line of PCs, including powerful business systems, and a wide range of software solutions. And just as important, we offer the support so vital in turning your Tandy business computer into a complete PC solution.

## What team specializes in knowing your business?

**Certified staff.** Our college-certified marketing specialists have completed American Management Courses in finance and accounting, as well as rigorous training in light manufacturing, point of sale, wholesale/distribution or office automation. Let our experience go to work for you.

## When is a PC not a wise business investment?

**We don't just sell PCs, we sell solutions.** Our specially trained systems engineers configure multiuser and networked office systems designed for *your* specific business needs. You get a complete solution, backed with the best in leasing, training and service plans.

## Where did the power of networking evolve?

**Connecting since the beginning.** We've stacked up unmatched experience since we first began installing networks in 1979. We offer complete turnkey service—from installation to employee training—for Novell NetWare networks and UNIX®/XENIX multiuser systems.

## How can you effectively train your staff?

**We've chalked up over a decade of training.** Radio Shack offers courses for beginners as well as courses designed to broaden the scope and improve the skills of more advanced users. Comprehensive instruction is available at your place of business.

## Why team up with anyone but the nation's leader?

**We have the best answers for your business needs.** Our account executives are at your call! Prior to recommending a complete PC solution, these trained professionals will come to your office to gain firsthand knowledge of your business. Based on your needs analysis, they can put together a solution based around a stand-alone, multiuser or networked computer system. Remember, we were the first to successfully manufacture and market a personal computer—nobody's been in the business longer. And Tandy desktop PCs are U.S.A. made. Call us toll free at 1-800-433-5682 and we'll come to you.



## We're Retail Point-of-Sale Specialists

Retail Point of Sale (POS) is an extension of our own business—we maintain over 4,800 XENIX®-based POS systems in our own stores nationwide. We'll gladly put our years of experience in turning inventory faster and increasing gross margins to work for *your* small or large business.

We'll show you how you can react faster to sales trends, reduce lost sales by automating back orders and focus on your most profitable items.

And we'll bring your office up to speed with stand-alone, multiuser or networked systems to improve your business' overall productivity. Count on Tandy and Radio Shack for complete retail business solutions.

We can also help reduce clerical costs in light manufacturing operations with automatic order writing and billing. A Tandy Computer system can speed up the billing cycle, reduce work on hand and track work currently in progress.

## Total Support You Can Depend On

**Tandy Computer Leasing.** Leasing allows your company to obtain a ready-to-run business system without an up-front capital expenditure. We offer a true lease for tax purposes, with a variety of terms available. Tandy computer systems, software, third-party hardware and peripherals, installation, training, support and taxes may all be included.

**Nationwide Service Network.** Our technicians can come to you, or we offer depot service for your equipment at any of the 7000 participating Radio Shack stores and authorized dealers. For a minimum cost, both carry-in and on-site Tandy Service Plans are available.

**Attention Consultants!** We value your industry expertise in designing "customized" systems. Through our Consultant Liaison Program, we continue to develop relationships with the consulting and software development communities. For more information, write to: CLP, Dept. 472, 1500 One Tandy Center, Fort Worth, TX 76102, or phone (817) 390-2900.

# DISCOVER THE WORLD WITH MULTIMEDIA



## The Multimedia PC Revolution: Computing Will Never Be the Same!

For computer users, perhaps nothing is as exciting as the future that multimedia promises. Digital audio, impressive graphics, animation and interactivity—all possible with a multimedia PC—will soon be changing personal computing as we know it today.

Multimedia gives us new and better ways to conduct business, to teach and learn and, of course, to just have fun. Imagine using animated drawings to train a salesperson or brief a potential customer about a complex product. Using multimedia technology, individual parts of the product could be examined, rotated and shown in actual operation—all while a normal-sounding, digitized human voice explains detailed information.

Imagine a geography student touring the streets of Hong Kong via a multimedia PC, seeing actual city sights and hearing real city sounds while listening to commentary from a native guide.

Imagine an entire reference library—with text, animation and sound included—all on a single 5 1/4" compact disc.

Imagine game play so real that even the inflection of an animated character's voice becomes integral to the play.

The possibilities that multimedia technology opens up for business, education and even the average computer user are tremendous. In addition to furnishing superb, photographic-quality images and sparkling animation, multimedia PCs are able to play and mix digital audio, recorded stereo sounds and MIDI music. And they provide a degree of interactivity unsurpassed by traditional PCs. In fact, multimedia is the next step in the evolution of the PC.

What do you need to experience the wonder of multimedia? A 286-based 10 MHz PC with 2MB RAM, a 30MB hard drive, a 3 1/2" 1.44MB floppy drive, VGA graphics, a mouse, MS-DOS® and one of the Multimedia Upgrade Kits featured below.

At Radio Shack, the future of multimedia is here today.

## Upgrade Your 286 or 386 Computer to a Powerful Multimedia PC! Get Everything You Need With These Affordable Upgrade Kits

Here are two easy and cost-effective methods of upgrading an existing 80286 or 80386 PC to a powerful multimedia PC system. PCs must have a minimum system configuration of 2MB RAM, VGA graphics, hard drive (30MB or greater), mouse and one available AT-style expansion slot. Kits are easy to install and include: Tandy Multimedia Expansion and Sound System Adapter, Tandy CD-ROM Drive, all necessary cables, installation and configuration floppy diskette, and CD-ROM disc with Microsoft Windows 3.0+, Multimedia Extensions 1.0, multimedia tutorials, applications and a variety of multimedia software demonstrations from industry-leading vendors. Join the Multimedia PC revolution today!

**NEW!** Multimedia Internal Upgrade Kit. Includes the Tandy CDR-1000 (25-1077, described at right). Requires an open 5 1/4" drive expansion bay. (TSP available) **799<sup>95</sup>**  
25-1085 ..... Low As \$25 Per Month

**NEW!** Multimedia External Upgrade Kit. Includes the Tandy CDR-3000 (25-1084, described at right). For PC compatibles with standard 10" expansion slot. (TSP available) **899<sup>95</sup>**  
25-1086 ..... Low As \$30 Per Month



**Now Available! A Complete Line of  
Industry-Standard Tandy Multimedia PCs**

## Our Lowest Cost Internal CD-ROM Drive



**NEW!** Tandy CDR-1000 Internal Drive. Now everyone can afford to tap into the superb audio, graphics and information-handling capabilities of multimedia technology. The power-packed CDR-1000 features a fast data transfer rate of 150K bytes per second, super-easy loading, an audio-play program, MS-DOS 2.2 Multimedia Extensions and all necessary boards and drivers to complete your system. **399<sup>95</sup>**  
(TSP available)  
25-1077 ..... Low As \$15 Per Month

Tandy CDR-1500 Internal CD-ROM Drive. High-speed drive for demanding applications. Complete with disc caddy, PC/XT interface card, mounting hardware and instructions. 25-1081 ..... **895.00**

## Low-Cost External CD-ROM Drive



**NEW!** Tandy CDR-3000 External CD-ROM Drive. External version of the CDR-1000 (above). Comes with an audio-play program, power drive door, MS-DOS 2.2 Extensions and all necessary boards and drivers. **499<sup>95</sup>**  
(TSP available)  
25-1084, Low As \$20 Per Month

Radio Shack offers a variety of home and business computers already configured for multimedia applications. Visit your nearby participating Radio Shack store or dealer, for details and prices. Be sure to ask about our growing selection of multimedia software programs, too.

# HIGH PERFORMANCE FOR THE OFFICE



## Move Up to the Latest Version of the World's Most Popular Operating System

- NEW!** Microsoft MS-DOS® 5.0 Upgrade. Requires MS-DOS 2.x, 3.x or 4.x. 25-4176 ..... **69.95**
- NEW!** Microsoft MS-DOS 5.0 Manual Set. 25-4177 ..... **21.95**

## We've Combined the Power of a 20 MHz 386SX Processor With Innovative Expansion Capability

- 80386SX Processor for Affordable 32-Bit Performance
- Fast 20 MHz Operation ■ SmartDrive Ready
- 1MB Memory Expandable to 16MB ■ Super-VGA Graphics
- Small Footprint, Yet Remarkable Expansion—Three Available AT-Style Slots, Plus Two Open Device Slots

**Tandy 4020 SX.** For small businesses growing at a fast pace, our 20 MHz 4020 SX keeps you up to speed. From accounting applications to graphics design, the 4020 SX thrives on almost any data-intensive application, combining 32-bit performance with industry-standard 16-bit hardware compatibility. And this 386SX system is a low-cost alternative to a 386 system.

The 4020 SX is perfect for creative, versatile desktop publishing. A built-in 16-bit Super-VGA card lets you add a color analog monitor and display astonishing graphics with near-photographic clarity. Create stunning graphics from 640 x 480 to 1024 x 768 resolution in 16 to 256 colors using a palette of 256,000 colors. Or use a low-cost monochrome monitor to create superb graphics in 64 shades of gray.

The 4020 SX also features a unique hinged bay which swings open for easy access to card slots and storage devices, making it quick and easy to upgrade. Built-in SmartDrive™ technology lets you add hard drives without adding a separate controller. Comes with a 3½" 1.44MB floppy drive and three 16-bit expansion slots. Includes MS-DOS 3.3 (25-4109)—a \$99.95 value! Was \$1999.00 in RSC-22A. 25-4903 ..... Only \$61 Per Month\* **NEW LOW PRICE! \$1799**



## Our High-Performance Tandy 486 Servers Have Power to Share

- Advanced 486 Technology Means Power & Performance
- Designed for Multitasking Offices That Need to Share A Single Server Solution

**NEW!** Tandy 4833 LX/T. Step up to the power of 486 technology and discover what performance computing is meant to be. Fast 33 MHz clock speed, memory caching and built-in math co-processing means our 486-based system handles data processing, CAD/CAM, spreadsheets and accounting tasks with ease in a UNIX or network environment. The 486 CPU features 4MB memory expandable to 64MB, six open 16-bit ISA expansion slots, 16-bit Super-VGA graphics and one 3½" and three 5¼" open device expansion slots. Microsoft MS-DOS 5.0 included. 25-5145 ..... **Only \$135 Per Month\* \$3999**

Tandy 4820 SX/T. 486SX microprocessor, 20 MHz clock speed. Supports Intel 80487SX math co-processor. 25-5140 ..... **3499.00**



## Tandy 386-Based PC: High-End Proficiency/ Low-Cost Investment

- High-Speed Performance Through Memory Interleaving & Advanced Memory Caching
- A Real Powerhouse For Desktop Computing

**Tandy 4033 LX.** An office worker that really performs! With power enough to support small networks, this 386-based PC operates at an incredible 33 MHz and features 1MB RAM, 32K SRAM memory cache, five open 16-bit ISA expansion slots, 16-bit Super-VGA graphics, one 3½" and two 5¼" device slots. Supports Intel 80387 and Weitek 3167 math co-processors. MS-DOS 5.0 included. Was \$4999.00 in RSC-22A. 25-5130 ... **Only \$118 Per Month\* \$3499**

**NEW LOW PRICE! Tandy 4025 LX.** 25 MHz clock speed. Was \$3999.00 in RSC-22A. 25-5125 ..... **2999.00**

**NEW LOW PRICE! Tandy 4016 DX.** 16 MHz clock speed. Was \$2999.00 in RSC-22A. 25-5001 ..... **2499.00**

# 386 POWER AT A HOME-OFFICE PC PRICE

## Speed Through Your Work With Our Affordable Tandy® Business-Class Computer

- Doing Business is Even Easier—  
The Tandy 2500 SX Delivers Affordable 32-Bit  
Performance at a Fast 16 MHz Clock Speed
- Powerful 80386SX Microprocessor
- 1MB Memory Expandable to 16MB
- Built-In 16-Bit Super-VGA Graphics
- SmartDrive™ 16-Bit IDE Hard Drive Support
- Includes DeskMate® Productivity  
Software—Get Right to Work With  
Ten Easy-to-Use Applications



# TANDY®

THE BEST-SELLING  
PC COMPATIBLES IN AMERICA

**NEW!** Tandy 2500 SX. Now's your chance to enjoy break-through pricing for a feature-packed business computer. You get the best in 386SX performance in this small footprint—the 2500 SX measures only 4 1/4" high, 15 1/2" wide and 15" deep! And with three open AT-style slots available, it's also a fully expandable PC with power to spare for advanced applications.

Whether you're working out of your own home or at an office, the 2500 SX cuts through big jobs like spreadsheets, fund accounting and database management with ease. Used as a stand-alone, the 2500 SX is the ideal general-purpose dedicated workstation for desktop publishing, software programming or number crunching. And since it supports operating systems and applications optimized for 32-bit performance, it's also the perfect network workstation. Small businesses can even use it for a file server!

The 2500 SX's near-photographic Super-VGA graphics create eye-catching charts sure to draw attention. Add to this enhanced sound and speech capabilities, as well as CD-ROM support, and you have a complete "presentation PC." The 2500 SX comes with MS-DOS® 5.0 and 10 productivity applications—including a text editor, fonts generator, spreadsheet, filer, calendar and address book—based on the included, easy-to-use DeskMate Graphical User Interface with its proven system of pull-down menus and pop-up dialog boxes. In addition, built-in SmartDrive™ technology makes it easy to add fast-access hard drive storage anytime. And two expansion slots are available to add additional 3 1/2" and 5 1/4" devices to the included 3 1/2" 1.44MB floppy drive. Plus, an innovative hinged bay makes it easy for you to add options and storage devices yourself. (TSP available)

25-4076 ..... Low As \$40 Per Month

# \$1299

# TRANSFORM YOUR PC INTO AN ARCADE



## Chuck Yeager's Air Combat

**NEW!** Fly with the leading pioneer of modern air combat, General Chuck Yeager. Four skill levels and a practice mode. Record and play back flights from two different views. Includes bonus VHS tape. Requires 640K. 25-1819 **49<sup>95</sup>**



## Deluxe Scrabble

**NEW!** The latest version of the most popular word game! Pull-down menus allow easy access to features like the Official Scrabble Players Dictionary. Nine skill levels. Challenge friends or your computer. Requires 640K. 25-1805 **49<sup>95</sup>**



## Lemmings

**NEW!** You help hordes of mindless but delightful creatures—Lemmings—to escape danger in over 100 play levels. You assist the Lemmings by giving them skills to help them survive each level. One or two players. 25-1806 **49<sup>95</sup>**



## Secret Weapons of the Luftwaffe

**NEW!** A World War II air combat simulation that pits the U.S. Eighth Air Force against the awesome aerial weaponry of the Third Reich. A gripping, highly realistic experience of extraordinary air battles. Requires 640K 286. 25-1809 **49<sup>95</sup>**



## Sierra 3-Pack

**NEW!** Includes two fast-paced space-adventure games, Stellar 7 and Fire Hawk (sequel to popular Thexder), and the hilarious Oil's Well, in which you drill underground mazes in search of oil. Requires 640K. 25-1815 **49<sup>95</sup>**



## Collectors Limited Edition

**NEW!** Play three of your favorite board games, Risk™, Monopoly® and Clue Master Detective™ on your computer. You can play against friends or the ultimate opponent, your computer. Sold as a package. Requires 640K. 25-1804 **59<sup>95</sup>**



## F-15 Strike Eagle II

You'll enjoy this classic game of aerial combat. Includes Persian Gulf bases, targets and scenarios. If you liked F-15 Strike Eagle, you'll love the F-15 II. Four difficulty levels and a training mode make this game an excellent choice for dogfighting veterans and novices alike. 25-1383 **49<sup>95</sup>**

## Castles

**NEW!** This unusual game lets you re-create medieval times. Build individual castles or conquer the wild frontier in an eight game campaign. Choose between realistic and magical settings. Three skill levels. 25-1811 **49<sup>95</sup>**

## Super-Sharp Graphics Enhance Game Playing on Your VGA Monitor!

### King's Quest V\*

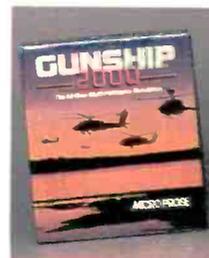


**NEW!** Join King Graham on the most thrilling and perilous adventure of his career—his quest for the missing Royal Family of Daventry. The most beautifully detailed graphics ever! 25-1817 **49<sup>95</sup>**



### Space Quest IV\*

**NEW!** Get ready for a crazy trek through time with everybody's favorite intergalactic sanitation engineer and freelance hero, Roger Wilco, in Roger Wilco And The Time Rippers. 25-1807 **49<sup>95</sup>**



### Gunship 2000

**NEW!** Beware . . . as the only multi-copter game on the market, it can be really addictive. You'll fly hundreds of missions with a squad of five authentic U.S. Army helicopters. Requires 640K, VGA. 25-1814 **49<sup>95</sup>**

\*King's Quest V and Space Quest IV require 640K, VGA, a 1.44MB disk drive and hard drive, or dual 1.44MB disk drives.

## WE ALSO HAVE LOTS OF OTHER GREAT SOFTWARE TITLES AVAILABLE!

Stop at your nearby participating Radio Shack Store or Dealer to choose from hundreds of other programs available. We carry a full selection of software for any age and interest, including

entertainment and educational software, programs for personal productivity and programs for your business. You can trust Radio Shack to handle all of your software needs.

# LEARNING CAN BE FUN TOO!

## Mickey & Friends Fun Pack

**NEW!** Includes Mickey's Runaway Zoo Fun With Numbers, Donald's Alphabet Chase Fun With Letters and Goofy's Railway Express Fun With Colors And Shapes. Ages 2-5. 25-1801 **39<sup>95</sup>**

## Hare Raising Havoc

**NEW!** Vivid graphics and cartoon sound bring Roger Rabbit, Baby Herman and Jessica to life in this animated game. Help Roger out of seemingly inescapable jams. Req. 640K. 25-1800 **49<sup>95</sup>**

## Bugs Bunny's Cartoon Workshop

**NEW!** Create your own cartoons with this animation package. Join Bugs Bunny™ and his Looney Tunes™ pals for hours of fun. Includes bonus figure. Requires 640K. 25-1803 **49<sup>95</sup>**

## Super Solvers Treasure Mountain!

**NEW!** A fantasy-exploration game that enriches reading, thinking, math and science skills. For ages 5-9. Requires 640K. 25-1808 **49<sup>95</sup>**

## TYPING TUTOR



**NEW!** Have fun while improving your typing skills. Adjusts to your abilities and progress, creating custom-designed lessons. Requires 640K. 25-1818 **49<sup>95</sup>**

## Where In America's Past Is Carmen Sandiego?

**NEW!** Chase Carmen and her gang throughout American history. You will learn about historical events, discoveries and famous figures along the way. Req. 640K. 25-1802 **49<sup>95</sup>**

## Where In Time Is Carmen Sandiego?

Follow Carmen and her fugitive gang on an adventure through the ages. Time travel takes you from A.D. 400 to the 1950s or anywhere in between. 25-1329 **44<sup>95</sup>**

## The New Math Blaster

A fun way to improve math skills. Proven to raise math grades for students ages 6-12. Includes 5 games which provide positive reinforcement. 25-1380 **49<sup>95</sup>**

## Programs to Boost Your Professional and Personal Productivity

### The New Print Shop

Create personalized greeting cards, signs, calendars and more—you're limited only by your imagination. Page preview feature. Multiple graphics and typefaces. Clip art available. Requires 640K. 25-1289 **54<sup>95</sup>**

### The New Print Shop Companion

**NEW!** Adds extra power to The New Print Shop (25-1289). This companion adds features such as page publisher, letter writer, envelope maker, graphic importer and cataloger. 25-1436 **49<sup>95</sup>**

### PrintPower Pro

**NEW!** This user-friendly print software allows you to create banners, greeting cards, calendars, weekly planners, stationary and much more, and get professional looking results. 25-1437 **24<sup>95</sup>**

### Varsity Scripsit

A high-powered word processor suitable for any task, from a book report to a complex business proposal. Has many features you'd expect in a more expensive word processing program at a fraction of the cost! 25-1174 **89<sup>95</sup>**

### Quicken 4.0

Saves time and gets you organized. You'll be amazed at how easily you get started, how fast you finish finance chores and how relaxing it is to know how much money you have and exactly where it goes. 25-1435 **59<sup>95</sup>**

### TaxCut

The only expert system for managing your taxes. When you've completed your return, TaxCut's Expert will audit the result for deductions you may have missed and entries which may trigger an IRS red flag. 25-1431 **59<sup>95</sup>**

### Visions

**NEW!** Do your daily horoscopes—it's serious astrology made fun! Using precise formulas and planetary movement data, Visions generates complete astrological information as well as horoscopes. 25-1433 **39<sup>95</sup>**

### Personal Roots

**NEW!** This genealogy program will help you trace your family history and organize the information into fascinating reports. Includes a helpful workbook to guide you through the process. 25-1432 **19<sup>95</sup>**

# DESKMATE PRODUCTIVITY SOFTWARE

## DeskMate Programs That Will Increase Personal Productivity

**Home Lawyer.** A personal legal software product that lets you create, change, or update important documents like a simple will, power of attorney and sales agreements. Print a variety of the most frequently used legal documents from Hyatt Legal Services. **25-1434 69<sup>95</sup>**

**CheckFree DeskMate.** A convenient, nationwide, personal electronic banking service that lets you pay all your bills and take care of other financial transactions involving your checking account in just minutes—no matter where you bank! Requires modem. **25-1367 19<sup>95</sup>**

**Homeword II.** A powerful word processing system. Features pull-down menus and dialog boxes for easy menu selection and command input, and "what-you-see-is-what-you-get" text screens. Includes a built-in thesaurus, plus an outline processor and spelling checker to organize and polish your efforts. **25-1266 69<sup>95</sup>**

**Express Publisher.** You can produce the sharpest, most professional-looking documents possible—quickly and easily. With crisp 300-dpi text and graphics, scalable fonts, and advanced layout tools. Requires 640K, hard drive and mouse. Available October 31, 1991. **25-1438 ..... Low As \$15 Per Month 149<sup>95</sup>**

**DeskMate Form Finisher.** Lets you fill in preprinted forms quickly and easily using any dot matrix printer. Saves hours of repetitious work. Use it for invoices, shipping forms, legal forms, sales receipts and more. Features automatic text alignment and calculations. Requires two 3 1/2" floppy disk drives. **25-1295 39<sup>95</sup>**

**Lotus Spreadsheet for DeskMate.** Lotus has combined its expertise in spreadsheets with DeskMate's format of pull-down menus and easy mouse operation to make business planning, financial analysis and speculative calculations easy. Features three integrated programs: spreadsheet, graphics and database. Reads/writes 1-2-3® files. Supports all 1-2-3 cell formats, graphs and "@" functions. **25-1283, Low As \$15 Per Month 199<sup>95</sup>**

**FilePro for DeskMate.** A basic yet powerful file manager with DeskMate's format of pull-down menus and dialog boxes. Features online help, mail merge with DeskMate text and Q&A Write, four levels of sorting and more. Requires 640K, two 3 1/2" floppy drives. **25-1334 99<sup>95</sup>**

**RightWriter.** The world's first—and best—expert system for business and technical writing. Corrects grammar, style, punctuation and usage, and reviews work in terms of readability, descriptive language and jargon. Requires two 3 1/2" floppy disk drives. **25-1300 79<sup>95</sup>**

**DeskMate Q&A Write.** Popular, powerful executive word processor with the DeskMate Interface! Features multi-column and label printing capabilities, advanced search and replace function, built-in font support, mail merge capabilities, column and row math, spelling checker and card file. Requires 640K. **25-1299 ..... Low As \$15 Per Month 149<sup>95</sup>**

More DeskMate Programs on Page 190



## Now Get Even More From DeskMate With Companion Programs

**NEW! Financial Assistant.** Organize your personal finances, create a budget, track your investments—find out where all your money is really going. **25-1366 19<sup>95</sup>**

**Business Graphs.** Create eight types of graphs—bar charts, line graphs, pie charts and more. Enhance business presentations, spreadsheets and other documents. **25-1363 24<sup>95</sup>**

**The Outliner.** Organize reports, essays and speeches with up to ten user-defined levels of detail. Print or export topic descriptions. **25-1364 19<sup>95</sup>**

**Thesaurus Companion.** Great vocabulary builder! Over 220,000 synonyms available to add new dimensions to DeskMate text. **25-1365 19<sup>95</sup>**

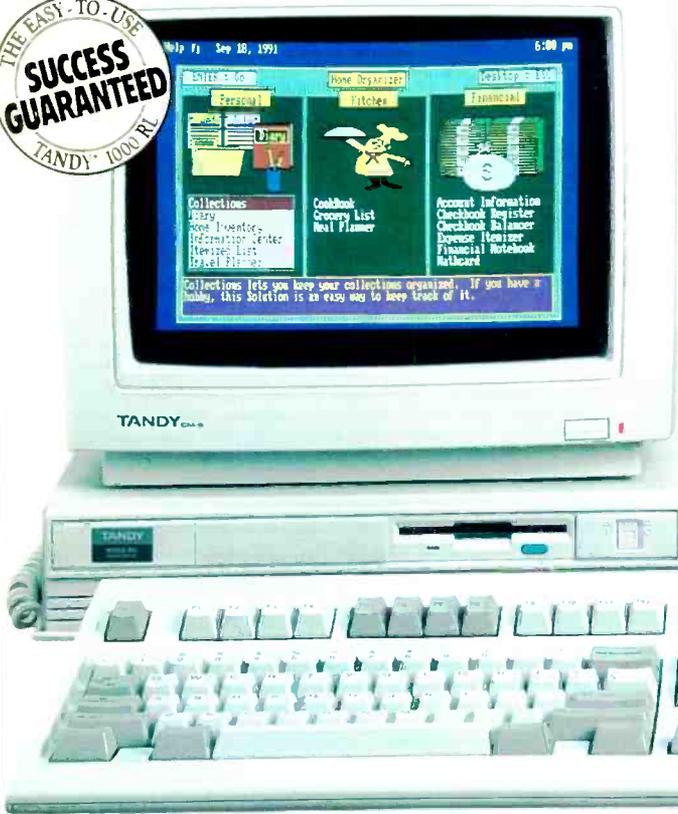
**Macros.** Designates up to 100 single "accelerator" keys combining a series of up to 1000 keystrokes, commands and/or mouse clicks. Use with any DeskMate program. **25-1361 19<sup>95</sup>**

**Home Organizer.** Will help you streamline virtually every aspect of everyday life. Offers three categories of home-oriented productivity applications: Personal, Kitchen and Financial. See page 190 for more details. **25-1370 99<sup>95</sup>**

DeskMate required to run Companion Programs

# A HOME PC THAT'S A PART OF THE FAMILY

THE EASY-TO-USE  
**SUCCESS  
GUARANTEED**  
TANDY 1000 RL



## The Personal Computer for Your Family That's So Easy to Use It Guarantees Success!

- The Tandy 1000 RL-HD is Designed for Today's Busy Family
- Saves Time by Automating Daily Routines and Tasks
- Complete With 24 Easy-to-Use Lifestyle Applications
- 20MB SmartDrive™ Stores 4000 Pages of Text and Graphics



Tandy 1000 RL Has Earned the Good Housekeeping Seal!



**Tandy 1000 RL-HD.** A Tandy exclusive—quality made in the USA! MS-DOS®, DeskMate® and DeskMate Home Organizer software (see page 190) are already loaded onto the 20MB SmartDrive so you can start computing the minute you power up. It couldn't be easier! This PC compatible—with its whisper-quiet, fanless operation—lets you plan schedules, file valuable information and perform other household or personal management tasks. And the DeskMate interface with its easy-to-follow menus and prompts makes the 1000 RL-HD so easy to run your whole family can use it. Includes 512K memory, 3 1/2" 720K floppy drive, 20MB SmartDrive, full-color

graphics adapter, real-time clock, 101-key enhanced keyboard, 8-bit expansion slot and serial, printer, mouse and two joystick ports. Headphone and microphone jacks let you take advantage of the incredible audio capabilities—record and play back digital speech and sound! Was \$999.95 in '91 Cat. (TSP available) 25-1451 ..... **Low As \$30 Per Month**

**NEW LOW PRICE!**  
**899<sup>95</sup>**

Monitor and mouse sold separately.  
**NEW LOW PRICE! Tandy 1000 RL.** Get the great features of the RL-HD without the hard drive or clock. Was \$599.95 in '91 Cat. (TSP avail.) 25-1450, **Low As \$20 Per Month**

**499<sup>95</sup>**

## Enhance the Performance of Your 1000 RL With These Accessories

**CM-5 Color Monitor.** An economical way to bring color to your computing. The 13" screen displays 80 x 25 text and 320 x 200 graphics. (TSP available) 25-1043 ..... **299.95**

**CM-11 High-Resolution Color Monitor.** Create stunning graphics at 640 x 200 or display text at 80 x 25. Features a large 13" screen. (TSP available) 25-1024 ..... **399.95**

**SmartWatch.** A perpetual clock/calendar with battery backup in a chip. Plugs into the BIOS ROM socket. User installable in most PCs. 25-1033 ..... **39.95**

**256K Memory Kit.** Upgrades the Tandy 1000 RL to 768K RAM. Contains two 256 x 4 100ns DRAM chips. 25-1082 ..... **59.95**

**Two-Button Mouse.** Point-and-click your way through all your work. 25-1042 ..... **49.95**

**NEW LOW PRICE! 20MB SmartDrive.** Stores up to 4000 pages of text, charts and programs in our 1000 RL. Was \$399.95 in 1991 Catalog. (TSP available) 25-1047 ..... **349.95**

**NEW LOW PRICE! 40MB SmartDrive.** Was \$459.95 in RSC-22A. (TSP available) 25-1048 ..... **399.95**

**NEW LOW PRICE! 3 1/2" 720K Internal Floppy Disk Drive.** Installation recommended—not included. Was \$139.95 in 1991 Catalog. (TSP available) 25-1075 ..... **109.95**

**NEW! 5 1/4" 1.2MB External Floppy Disk Drive.** May require modification on 1000 RL and RL-HD. (TSP avail.) 25-1087 ..... **299.95**

# DISCOVER THE DESKMATE DIFFERENCE



The Desktop displays an organized listing of all your programs



DeskMate's graphical interface guides you through tasks easily



DeskMate applications let you file addresses, create budgets



The Font feature creates impressive, stylized documents

## DeskMate® Software Makes It Easy to Use Your PC More Productively



- 10 Useful Applications for Tandy and Other PC-Compatible Computers
- Includes Everything You'll Need to Get Down to Business—Fast
- Built-In Tutorial Will Have You Up and Running in No Time
- Automatically Translates MS-DOS® Commands Into Plain English
- It's Easy to Learn New DeskMate Programs—All Commands Are Similar

**DeskMate 3.** It's incredibly easy to use, because it's designed around the DeskMate Graphical User Interface—The Friendly Face in the PC Crowd™. With pull-down menus and pop-up dialog boxes, DeskMate guides you through tasks quickly and simply. Each day DeskMate greets you with the desktop. This neat, organized display lists all DeskMate applications as well as other programs you may own—and you can access them all with just the point and click of a mouse! The desktop translates MS-DOS commands into English, so you won't have to learn cryptic codes. A collection of personal productivity applications is included for writing letters, budgeting, filing and scheduling appointments. A new font feature lets you print documents in various typesets to give your reports or newsletters a professional touch. There's even a draw program and word game to enjoy. And wherever you are in DeskMate, you can ask its help function for on-the-spot advice. 25-1351.

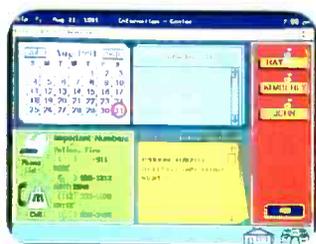
**NEW!** Spanish Version of DeskMate 3. 25-1355

**99<sup>95</sup>**

**99.95**

### Special Upgrade Offer for Current DeskMate Users!

Owners of earlier versions of DeskMate—simply visit any participating Radio Shack store or dealer and find out how easy it is to upgrade to DeskMate 3.



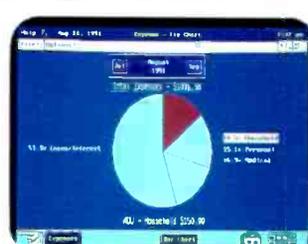
Information Center displays phone numbers, messages and more



File favorite recipes, plan meals and make out your grocery list



Keep inventory lists for sales, hobby or insurance purposes



Itemizer lets you see at a glance where your money is going

## Household Management Was Never Simpler Than With the DeskMate Home Organizer



- Comes Complete With Recipes from The New Good Housekeeping Cookbook®
- Keeps a List of the Grocery Items You Buy Most
- Computerized Message Board for Busy Families
- Financial Applications Scrutinize Income and Expenses—A Real Time Saver at Tax Time
- Organizes Hectic Family Schedules
- Figures Your Checkbook Balance and Reconciles Your Bank Statement With Your Register

**DeskMate Home Organizer Companion.** Streamline your family's busy lifestyle with these 15 Personal, Kitchen and Financial applications. Your **Personal Organizer** takes care of all your management chores. Make a detailed inventory of your possessions, or keep a private diary—a secret password and encrypted data file ensure that entries will be for your eyes only. The automated bulletin board stores important phone numbers and makes scheduling daily appointments—even vacations—a breeze! The **Kitchen Organizer** comes with recipes for appetizers, entrees and desserts, and lets you enter your own favorites as well. Plan meals, then check what you'll need on your Grocery List—a time-saving dream! Track your income and expenditures down to the last penny with the comprehensive **Financial** applications. Checkbook Register keeps a running total of your checking balance while Checkbook Balancer reconciles your bank statement with your register. Itemize your expenses by category and the computer constructs a pie chart to show how your money was spent. Look for trends in spending during the year—a super time saver at tax time! Financial Notebook keeps watch over your investments, loans and savings, and includes a Mathcard that figures financial formulas for you. Put your life in order with the DeskMate Home Organizer Companion. 25-1370

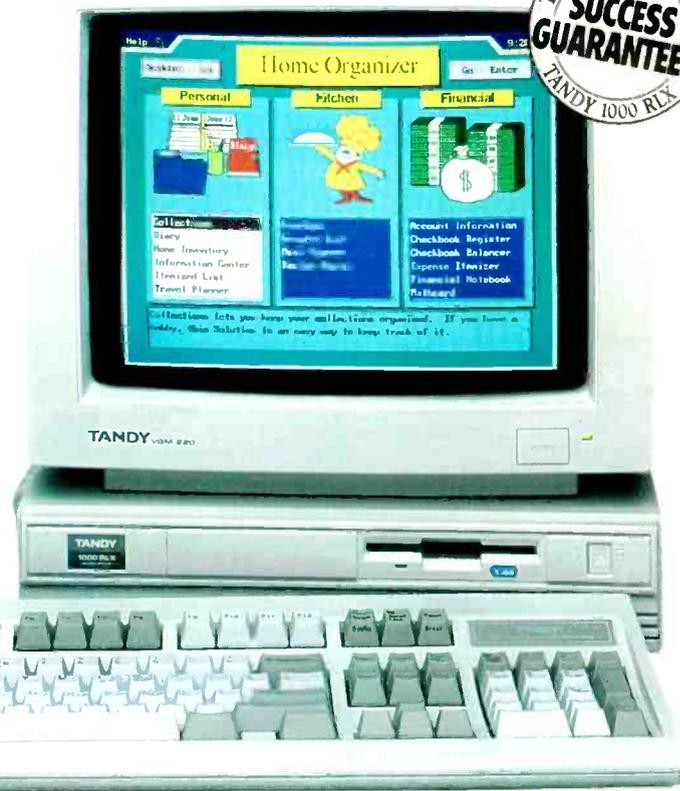
**99<sup>95</sup>**

# THE HOME COMPUTER THAT MEANS BUSINESS



## Now, a Home PC With 286 Power, VGA Graphics and 40MB of Storage

- The Versatile Tandy 1000 RLX Home Computer with True Business Power
- High-Speed 10 MHz 286 Processor Gets Work Done Fast
- 1 Megabyte of Memory Runs Sophisticated Software
- 40MB SmartDrive™ Hard Drive Stores Up to 8000 Pages Of Text, Charts and Other Programs
- DeskMate® Graphical User Interface Guides You With Easy-to-Learn Commands in Plain English
- 24 Easy-to-Use DeskMate and DeskMate Home Organizer Programs Let You Be as Productive at Home as at the Office
- VGA Graphics Provide Incredibly Vivid Color Displays Of Your Charts, Graphs and Spreadsheets
- Records and Plays Back Digital Sound and Speech—Just Add a Microphone ■ Built-In Speaker & Headphone Jack
- Included Mouse Makes It Easy to Access the Many Options DeskMate Has to Offer—Just Point and Click



The 1000 RLX Has Earned The Good Housekeeping Seal

**NEW!** Tandy 1000 RLX. Never work late again at the office to finish up work you can do at home—run the same powerful business programs you use at the office . . . at home. A powerful 80286 processor operates at a fast 10 MHz, and with 1MB RAM the RLX cuts through home or business applications with ease. And to get you started off right on the business of running a home, the 1000 RLX comes with DeskMate and DeskMate Home Organizer software—a total of 24 home-oriented solutions so easy to use, they guarantee success (see page 190). For true convenience, MS-DOS and all DeskMate software is already installed on the hard disk—just power and run! Includes a 1.44MB floppy drive, 40MB SmartDrive, real-time clock, 101-key enhanced keyboard, expansion slot for accessories and two joystick ports. (TSP available)

25-1453 . . . . . **Low As \$37 Per Month 1199<sup>95</sup>**

512K Tandy 1000 RLX Without Hard Drive. May be special order for some stores.  
25-1452 . . . . . **799.95**

Save \$200 When You Buy a Tandy 1000 RLX With a 14" VGM-220 Color Monitor!

Regular Separate Items	<b>1399<sup>90</sup></b>	Low As <b>\$43</b>
1599.90	25-1453/25-4044	Per Month*

Save \$200 When You Buy a 512K 1000 RLX With a 14" VGM-220 Color Monitor!

Regular Separate Items	<b>999<sup>90</sup></b>	Low As <b>\$30</b>
\$1199.90	25-1452/25-4044	Per Month*

## Get the Most Out of Your Tandy 1000 RLX With These Accessories

- NEW! VGM-220 Color Monitor.** Our lowest priced VGA color monitor ever! The remarkable clarity of its 14", .52mm display is comparable to monitors costing much more. (TSP avail.) 25-4044 . . . . . **399.95**
- VGM-100 Monochrome VGA Monitor.** This 14" monitor displays up to 64 shades of grey. (TSP available) 25-4040 . . . . . **199.95**
- NEW LOW PRICE! 20MB SmartDrive.** Hard disk drive stores over 4000 pages of text. Provides fast access to stored data. For 25-1452. Was \$399.95 in 1991 Catalog. (TSP available) 25-1047 . . . . . **349.95**
- NEW LOW PRICE! 40MB SmartDrive.** For 25-1452. Was \$459.95 in FSC-22A. (TSP available) 25-1048 . . . . . **399.95**

- NEW! 512K RAM Kit.** Memory upgrade increases the performance of your 1000 RLX (25-1452 only). 25-10E3 . . . . . **79.95**
- NEW LOW PRICE! 3 1/2" 1.44MB Internal Floppy Disk Drive.** An economical way to expand the 1000 RLX (25-1452 only). Installation recommended—not included. Was \$169.95 in 1991 Catalog. (TSP available) 25-4053 . . . **129.95**
- NEW LOW PRICE! 3 1/2" 720K Internal Floppy Disk Drive.** For 25-1452. Installation is recommended—not included. Was \$139.95 in 1991 Catalog. (TSP available) 25-1075 . . . . . **109.95**
- NEW! 5 1/4" 1.2MB External Floppy Disk Drive.** (TSP available) 25-1087 . . . . . **299.95**

**Radio Shack**® *SINCE 1921*  
**AMERICA'S TECHNOLOGY STORE**

**CREATING NEW STANDARDS**

