Radio Shack®

The Technology Store™ for over 68 years, offers its exciting product line for '89. Everything in electronics for your entertainment, home, auto, education and business needs.

RACK SYS

# THE TECHNOLOGY STORE

1989 Catalog No. 432 ■ Index Page 92

TANDYFAX™ 1000 Lowers the Cost of Communicating Vital Information *Fast*

NEW FOR 89

1299⁰⁰

Low As $60 Per Month ★

TSP Available

- Send and Receive Crisp, Legible Copies in Just Seconds Per Page
- Maintains and Prints a Record Of All Transaction Data
- Also Makes Copies— Doubles as a Convenient, Personal Copier
- Compact Size Utilizes Little Space on a Desktop or Cabinet
- Programmable Security Password Assures Confidentiality Of Your Polled Transmissions
- Ideal for Small Businesses, Departments and Branches of Large Businesses

Eliminate Costly Courier and Express Charges—Send Documents Across Town or Worldwide for the Price of a Phone Call!

TANDYFAX 1000. The features, speed and performance you need—at a breakthrough low price! Simply connect the TANDYFAX 1000 to a rotary or tone phone line, and you're ready to send and receive letters, contracts, spreadsheets and other data—instantly! Even lineart graphics and photos can be sent using the halftone setting. Multifunction LCD provides time/date, ID number of corresponding fax unit, operation settings, and phone number dialed. The TANDYFAX 1000 features SuperFine, Fine, Standard and Halftone Resolution Modes to ensure that the smallest of text and the faintest of photos are reproduced with clarity and sharpness during transmission. A built-in 24-hour timer lets you schedule operation after hours, when long-distance rates are lowest. Other quality features include 70-station Auto-Dialer, Automatic Document Feeder and "turnaround" polling which lets you send and receive documents on the same call, minimizing long distance charges. There's a telephone handset so you can talk to the other party without having to make a separate call.

A journal of transaction data is printed out automatically after every 32 transmissions or you can get a printout of all relevant data such as date, time, number of pages, ID number, etc. following each transmission to provide proof that a document was sent and received.

The TANDYFAX 1000 is the money-saving way to send documents anywhere in the world—instantly! Come into Radio Shack and find out how your business can enjoy the benefits of facsimile communications!

43-1200 . . . . **1299.00**
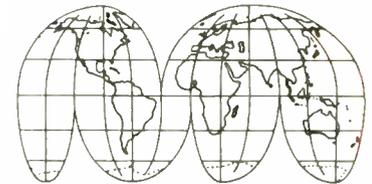
Replacement 8¹/₂" × 98' Thermal Paper Roll. Prints black.
43-1250 . . . . **7.49**
Buy Replacement Paper in quantity and save! 6-11 rolls, $6.97 each. 12-49 rolls, $6.59 each. 50-500 rolls, $6.22 each.

TANDYFAX Cleaning Kit. Perfect for cleaning and maintaining most brands of facsimile machines. 4-oz. of cleaning fluid plus 20 non-abrasive lint and static-free wipes. **43-1260** **9.95**

Specifications

Compatibility: CCITT Group 3 (MH,MR)/Group 2, MWS (White Line Skip). **Resolution:** Horizontal: G3 203 LPI, G2 98 LPI; Vertical: G3 391 LPI (SUPER-FINE), 196 LPI (FINE), 98 LPI (STD), G2 98 LPI. **Automatic Document Feeder:** Max. 5 sheets. **Document Size:** Max. 8.7" × 39.4" (with operator assistance), Min. 5.8" × 2.9". **Scanning Width:** G3: 8.19"; G2: 8.07". **Recording Method:** Thermal. **Paper Size:** 8.5" × 98' (paper roll). **Modem Speed:** 9600/7200/4800/2400 bps with automatic fallback. FCC registered. UL listed AC. **Size:** 5"(H) × 12¹/₂"(W) × 12"(D) (excluding projections). **Weight:** 13 lbs. (6 kg).

Radio Shack–Celebrating Its 68th Year With Over 35 Million Satisfied Customers Nationwide

THE TECHNOLOGY STORE

COMPUTERS — CLOCKS/RADIOS — TELEPHONES — VIDEO — AUDIO

Page After Page of Exclusive Products Made in Our Own 31 Factories

Radio Shack, the largest division of NYSE-listed Tandy Corporation, manufactures about 50% of its products at company-owned factories in the USA and three other nations. Designing and building much of our line helps us deliver the latest technology on time, while keeping costs low and quality high. Founded 68 years ago in Boston, Radio Shack today has over 7000 store locations in the USA. The company is supported by regional warehouses, well over 200 repair centers and some 38,000 people dedicated to quality, value and personal service. Join our 35-million active customers and make Radio Shack *your* technology store!

Our Commitment to Education

Since 1979, our Education Division has devoted a full-time effort to support Tandy/Radio Shack computers in the classroom. We offer one of the most comprehensive libraries of educational software available. Our Tandy Educational Grants program supports, through donations, research and development activities in classroom computing. And for the past five years, Radio Shack has co-sponsored the International Conference on Education and Technology with distinguished universities.

Get the Radio Shack ValuePlus™ Credit Advantage Today

Radio Shack
The Technology Store ™

Radio Shack has made it easy to enjoy the electronics technology you've always wanted for your home and office. Our ValuePlus consumer revolving credit program gives you your own personal line of credit. 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 your account balance. Details are available at your nearby Radio Shack store or participating Radio Shack Authorized Dealer. Credit options for businesses are also available. In addition, American Express, Carte Blanche, Diners Club, Discover, MasterCard and Visa are welcome at most locations.

Most Locations Also Welcome These Cards

Service Through 7000 Stores

Radio Shack services what it sells. Bring any defective unit to any Radio Shack Store for service. Across the country, hundreds of electronics technicians ensure prompt service and satisfaction.

Tandy Service Plan (TSP) Available

Affordable extended buyer protection on most products sold through Radio Shack is now available through any Radio Shack store. Visit your local Radio Shack store or see page 93 for more details. It's the easy way to maintain your equipment without worry.

Home and Business Computing

Our entire Tandy 1000 line and Tandy 4000, 3000 NL computers are FCC certified Class B for use in home or business. For use strictly as a business computer, choose the Tandy 5000, 4000 LX, or Model 4D—all are FCC certified Class A for use in a commercial environment, not in your home.

Computer Support for Business

All participating Radio Shack stores, Computer Centers, and Dealers offer innovative, cost-saving products for business, backed by total support, including leasing plans, software and accessories. Additionally, Radio Shack Computer Centers offer support services such as system installation, training and support at your site plus telephone support and system administration services. We can service your Tandy computer system at your office or you can bring it to one of our Computer Centers. And at our Business Products Service Centers, you can bring in your computer for routine service performed while you wait. Radio Shack also provides for the special needs of corporations and other quantity buyers. Contact National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102. VARs and systems houses can share in our success by offering vertical market application packages configured with our Tandy computers. Please direct your inquiries to Tandy VAR Marketing at the above address.

EIA Membership and UL Listings

Radio Shack's membership in the Electronic Industries Association is another assurance that our brands meet high quality standards. In addition, all of our AC-operated products are UL Listed, which means they meet the electrical safety specifications set by Underwriter's Laboratory.

Lightweight Handheld Cellular Phone—Make and Take Calls Wherever You Go!

You've Got the Whole World in Your Hand! Keep in Touch When You're Away From Office, Home or Car!

NEW FOR 89

1499.00 Charging accessories extra

Tandy Service Plan Available

Commercial Lease Available for $49.95 Per Month (Plus Applicable Use/Sales Tax)

- One-Piece Design Fits Easily in Your Briefcase— Only 1½" Wide and Weighs Just 28 Ounces
- You Can Talk for Up to 1½ Hours on a Single Charge—Batteries Recharge in Just One Hour
- Includes Built-In Rechargeable Battery Pack, Antenna, Carrying Case and Strap

Radio Shack CT-301. A full-featured cellular telephone that's completely portable! Includes new expanded 832-channel capacity now being used in some cities. Now, you can stay in touch wherever you go—from your car to job site to pleasure boat. Wherever there's cellular service, you can direct-dial anywhere in the world. Call Europe from a rental car in New York, or Dallas from a cable car in San Francisco. The CT-301 frees you from your desk and makes you more productive. You can confirm an appointment during a taxi ride or close a business deal while waiting for a connecting flight. Schedule appointments, prospect for new business and be available for important decisions. The CT-301 is no larger than a cordless telephone, but it's packed with features. Memory for accurate speed-dialing of up to 40 phone numbers. High-energy batteries deliver up to 15 hours standby or 1½ hours of talk time on one charge. Cumulative call-timer display so you can easily keep track of the amount of time your phone has been in use. And an electronic "lock" that restricts phone use and is easily reprogrammable through the keypad. Other features include a low-battery warning tone, as well as indicators for "No Service", "In Use" and "Roam". Improved ringer volume makes it easier to hear an incoming call in noisy locations. 600-milliwatt power output. Requires Charging Stand, plus AC Adapter or Mobile Mounting Kit (see below).
17-1050 .... **1499.00**

Extra Rechargeable Nickel-Cadmium Battery Pack. Output: 1 ampere-hour. **17-604** **59.95**
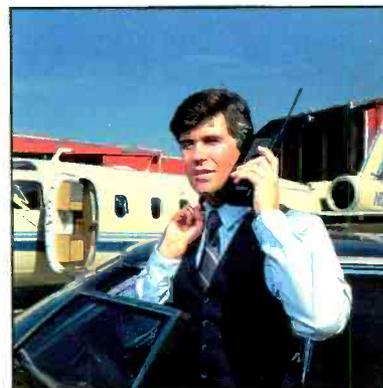
Stay in Touch Between Flights
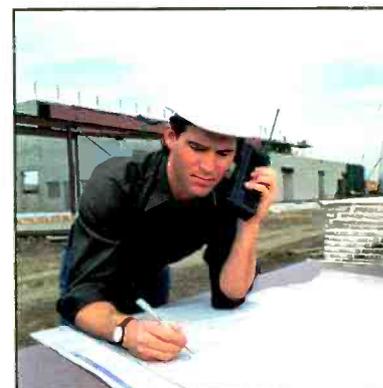
Make Calls from Job Sites

Charging Stand

For CT-300 and CT-301 **59.95**

Recharges battery pack in one hour. Permits operation while charging batteries. Requires AC Adapter or Mobile Mounting Kit.
17-602 .... **59.95**
AC Adapter. UL listed.
273-1653 .... **19.95**

Mobile Mounting Kit

Mounts 17-602 in Your Car **24.95**

Allows installation of Charging Stand (at left) in your car, truck or van. Quick-release design allows easy disconnect of charging stand from the mobile mounting kit. Includes two DC power cords and mounting hardware. **17-603** **24.95**

Handsfree Interface

Talk Without Lifting Handset **69.95**

Two interfaces in one. Full duplex operation lets you enjoy two-way hands-free conversations—you'll drive safer. You can also transfer data by phone using a Tandy 100/102/200/600 portable computer. Requires 17-602. **17-601** **69.95***

4   *AVAILABLE ON SPECIAL ORDER. CELLULAR PHONE SERVICE IS AVAILABLE IN OVER 225 CITIES IN THE USA AND COMING SOON TO OTHERS.

Car/Carry Transportable Cellular Phone

Use in Your Car, or Go Portable and Carry With You!

NEW FOR 89

999⁰⁰

Low As $50 Per Month★

Mobile antenna and portable adapter pack extra

Tandy Service Plan Available

- Quickly Converts From a Mobile Phone to a Full 3-Watt Transportable
- Hi/Low Power Switch Limits Power Output in Good Reception Areas to Reduce Battery Drain and Increase Portable Operating Time

Radio Shack CT-201. Now $200 less than last year's model. The versatile CT-201 is a car phone that converts to a transportable. Wherever there's cellular phone service, you can make and take calls from your car, truck or van, or attach the Portable Adapter Kit (see below) and carry the CT-201 with you to use wherever you are! Includes 832 channels now being used in some cellular markets. The 3-watt output is five times that of many portables for maximum range and clear sound—inside or outside your car. The CT-201 keeps you in contact with your office and customers, plus your family is always in touch when running errands, shopping or traveling. Memory dialing stores up to 98 numbers of up to 32 digits each for fast 2-digit dialing. It's easy to use any long-distance service and make credit card calls while you drive. Adjustable handset volume and built-in speaker for handy "on-hook" dialing. Includes handset cradle, mounting brackets, hardware and cable. 12VDC neg. gnd. **17-1005** **999.00**

Horn Alert Kit. Sounds horn or flashes headlights to indicate an incoming call. **17-503** **39.95***

Handset Mounts Up Front, Transceiver Mounts in Trunk. Attach the Portable Adapter and the CT-201 Goes With You!
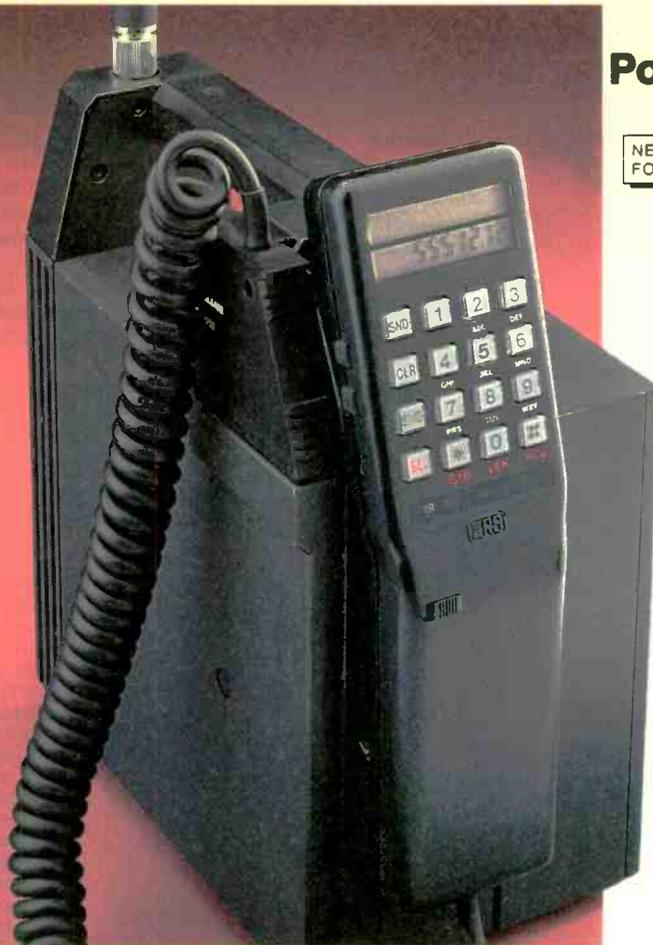
Handsfree Interface

69⁹⁵

Make and Take Calls Without Using or Lifting Handset

For CT-200/201. Full duplex operation. Includes condenser mike with clip for mounting on sun visor. Easy to install. **17-501** **69.95**
Data Cable Kit. Connects to Handsfree/Data Interface (17-501, above) to transfer data by cellular phone using a Tandy 100/102/200/600 portable computer. **17-502** **19.95***

Portable Adapter Kit

Lets you use the CT-200/201 at a job site, in a rental car, aboard a pleasure boat—wherever there's cellular service. With antenna, DC power adapter/charger and shoulder strap. Requires two batteries (below). **17-203** **119.95**
Rechargeable Battery. 23-181 .... **Each 9.95**
AC Charger. UL listed. **17-202** **19.95**

Extension Handset

199⁹⁵

Low As $15 Per Month★

Now you can have the extra convenience of a second cellular phone handset in your van, RV, limo or bus. It's the perfect way for a passenger to make and take phone calls from the comfort of his or her own seat. For CT-200/201.
17-402 .... **199.95***

Radio Shack Handles Your Cellular Start-Up

Radio Shack makes it easy to activate your cellular mobile telephone. We obtain your cellular phone number, program your phone and handle all start-up paperwork right in the store. You'll leave with a cellular phone that's ready for business, family or personal use.

Cellular Phone Service is Currently Provided By:

ALLTEL	CELLULINK	INDEPENDENT CELLULAR	SAVANNA CELLULAR
AMERITECH	CELLUNET	LINX	SOUTHWESTERN BELL
BELL ATLANTIC	CENTEL	MAINE CELLULAR	UNITED TELESPECTRUM
BELL SOUTH	COMMONWEALTH TEL	MERCURY CELLULAR	U.S. CELLULAR
CELCOM	CONTEL	NYNEX	U.S. WEST
CELLULAR INC	EAU CLAIRE CELLULAR	PACTEL	UTICA TEL
CELLULAR PHONE	GRACEBO	RADIOFONE	WEST CENTRAL
CELLULAR SOUTH	GTE	ROCHESTER TEL	

*AVAILABLE ON SPECIAL ORDER. TANDY SERVICE PLAN FOR RADIO SHACK CELLULAR TELEPHONES—SEE PAGE 92.

Our Most Affordable Cellular Mobile Telephone

Our Lowest-Priced Cellular Phone for Family, Business and Personal Use

799⁰⁰

Low As
$40 Per Month *

Mobile antenna extra

NEW FOR 89

Tandy Service Plan Available

Installs Easily, and Transfers Quickly From Family Car to Work Car

Make and Take Calls Wherever There's Cellular Service

Install the CT-101 Yourself! Handset Mounts Conveniently on Floor or Dash. Transceiver Mounts Under Dash or Seat.

- All Controls Are Located on the Handset
- Full Duplex Handsfree Included—Make Calls Without Lifting Handset

Radio Shack CT-101. Now, your loved ones will never have to drive alone. If help is needed, the police, a tow truck, a doctor or mechanic are just an *in-car* phone call away. Give your family the safety, security and convenience of the CT-101 cellular phone and your loved ones will never be out of touch when an immediate response is vital. And, because the CT-101 moves quickly from family car to work car, you can stay in touch going to and from the office, on a service call or making a delivery. You'll be able to confirm meetings, appointments and reservations in advance to avoid wasted trips, as well as receive important messages from home, clients and customers. Includes the new expanded 832 channel capacity now being used in some cities. The CT-101 is a full-feature, full-power mobile phone you can install yourself. It has a backlighted display and keyboard, 98-number memory and a full-duplex handsfree for making or receiving calls without using or lifting the handset. Built-in speaker/monitor permits on-hook dialing. Full 3-watt output for maximum range. With mounting hardware and bracket. 12VDC neg. gnd. 17-1075 . . . . 799.00

Choose the Right Hi-Performance Antenna for Your Cellular Phone

(1) **Glass-Mount.** An excellent performer that easily mounts to window glass—no holes required. Goes through car washes safely. 15-ft. cable and connector. Gain: 3 dB. 17-304 . . . . 49.95

(2) **No-Hole Trunk-Mount.** Elevated feed design. Installs easily on trunk lid. 12-ft. cable and connector. Gain: 3 dB. 17-303 . . . . 59.95

(3) **Magnet-Mount.** Mounts on any vehicle's metal roof. Easy to move from vehicle to vehicle. 12-ft. cable and connector. Gain: 3 dB. 17-302 . . . . 24.95

(4) **NEW! High-Gain Glass-Mount.** Delivers improved performance in fringe cellular areas. 15-ft. cable and connector. Gain: 5 dB. 17-305 . . . . 64.95

(5) **NEW! Roof-Mount.** Snap-in mounting for car, truck or van. Includes 8-ft. cable and connector. Gain: 3 dB. 17-306 . . . . 24.95

(1) 49⁹⁵
(2) 59⁹⁵
(3) 24⁹⁵
(4) 64⁹⁵
(5) 24⁹⁵

CT-100/101 Accessories

Wiring Harness/Interface. For mounting transceiver in trunk. Interface mounts under dash with jacks for handset, handsfree mike and optional external speaker. 17-702 . . . . 39.95*

Handset Extension Cable. 10 ft. 17-701 . . . . 24.95*

Horn Alert Kit. Indicates an incoming call. 17-703 . . . . 39.95*

---

*AVAILABLE ON SPECIAL ORDER. APPLY FOR REVOLVING CREDIT AND TAKE HOME A CELLULAR PHONE TODAY—SEE PAGE 3.

VHF Marine Transceivers for Fun & Safety

* Revolving Credit
Available
See Page 3

54-Channel, 5-Watt Portable With Built-In Rechargeable Battery Pack and AC Charger

NEW FOR 89 **259⁹⁵**

Low As $15 Per Month ★

Receives National and International Weather Service Broadcasts

Accessories for Your MTX-120 Transceiver

(1)   (2)
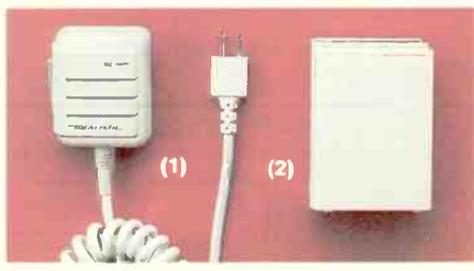
■ Full 5-Watt Power Output for Extended Range
■ Frequency-Synthesized Phase-Locked Loop Circuitry for Precise Frequency Tuning
■ Emergency Channel 16 "Priority" Switch
■ Not a Luxury, But an Important Safety Tool

Realistic® MTX-120. Stay in touch at every port with this high-performance VHF transceiver. Provides 2-way ship-to-ship and ship-to-shore communications on any of the 54 US marine channels; includes a switch for access to additional international channels. Dual power output—use 1-watt setting for normal communications, 5-watt for emergency and long-distance contact. Other channels keep you informed of weather conditions and advisories.

Adjustable squelch control silences noise between transmissions. Low-battery/transmission and charging indicators, belt clip. Rotary on/off/volume control. With flexible antenna and built-in speaker, jacks for adding an external speaker and microphone. FCC license application form included. 8¹⁄₈ × 2¹⁄₂ × 1¹⁄₂". DC adapter jack. Includes rechargeable battery pack and UL listed AC charger. **19-1050** **259.95**

(1) **External Mike/Speaker.** Push-to-talk button, spring clip to attach to pocket. Available on special order. **19-104** ... **49.95**
(2) **Replacement Battery Pack.** Available on special order. **19-103** **64.95**

Full-Feature, 54-Channel 25-Watt Transceiver

Additional Channels Help Keep You Advised of Weather Conditions

229⁹⁵ Low As $15 Per Month ★

■ Powerful 25-Watt RF Output for Maximum Range
■ Frequency-Synthesized PLL Circuit Locks-In Each Channel for Precise, Drift-free Tuning
■ Emergency Channel 16 "Priority" Button
■ Durable Weather-Resistant Construction
■ Designed for Easy Do-It-Yourself Installation
■ Important Safety Tool for Boats of All Sizes

Realistic MTX-100. Specially designed for pleasure boats or commercial craft! Our VHF marine transceiver helps make boating safer and more fun. You get 54 2-way channels for ship-to-ship and ship-to-shore communications. The receiver also has additional weather channels for monitoring lake advisories and weather information. You can tune in Coast Guard and port operations, talk to other boaters or a base station on shore. Selectable power output—use 1-watt setting for normal communications, 25-watt for emergency and long-distance contact.

Adjustable squelch control cuts unwanted noise between transmissions. Large, easy-to-read digital channel display with dimmer, 1-watt/25-watt output and transmission indicators. Built-in speaker, jack for adding an external speaker. Installation is easy, and the mounting hardware supplied is adaptable to any on-board location. Adjustable front panel for optimum "viewability" at any vertical position. FCC license application form included—just fill out and mail. 2³⁄₄ × 8 × 9³⁄₄". 12VDC neg. gnd. **19-1001** **229.95**

Accessories for MTX-100
39⁹⁵ **14⁹⁵**

Fiberglass 8-Ft. Antenna. 6 dB gain. Includes 15-ft. cable with PL259 connector. Requires ratchet mount (below). **19-101** **39.95**
Ratchet Mount. Solid nylon 4-way design with handle for deck or bulkhead mounting. **19-102** **14.95**

APPLY FOR YOUR RADIO SHACK VALUEPLUS™ CREDIT CARD TODAY AND INCREASE YOUR BUYING POWER   7

Compact, Easy-to-Use VHS-C Video Camcorder

Record and Play Back Instantly, Anywhere

- 2/3" MOS Pickup System for Spectacular Pictures, Even in Low Light (7 Lux)
- Automatic Focus, Iris and Color Balance
- Electronic Self-Timer Delays Start of Recording So You Can Be in Picture
- Motorized 6-to-1 Zoom ■ HQ System
- Adjustable Electronic Viewfinder

1299⁰⁰

Low As $65 Per Month *
TSP Available

Realistic Model 150 Compact MovieCorder™. Now it's easier than ever to make your own color video movies with sound. Aim and shoot anywhere. Replay instantly through the viewfinder. You get sensational results—because focusing, exposure and color balance are automatic—and manual modes are available for fades and effects. When shooting, handy one-touch Instant Review replays the last few seconds on tape. A digital tape counter, displayed through the viewfinder, has a memory so you can easily mark and return to a recorded scene.

MovieCorder 150 gives you three ways to play back tapes at home: Included auto-load adapter plays VHS-C tape in any VHS VCR. Included cable connects to VCR of any format with A/V inputs or a TV monitor. Also connects to any TV set with optional RF converter. Forward/reverse visual search. Up to one hour of recording at EP speed. Standard tripod mount. UL listed AC. **16-851** **1299.00**

ACCESSORIES AVAILABLE ON SPECIAL ORDER: Two-hour battery pack, 12VDC cord, RF converter, Extra VHS-C to VHS adapters, Accessory shoe adapter.

SPECIFICATIONS. Lens: f/1.6, 11.5-69mm zoom. **Focusing:** Infrared Automatic. **Resolution:** 350 lines. **Video Heads:** 4. **Speeds:** SP, EP. **Ext. Connections:** A/V out, 1/8" earphone, 1/8" ext. mike, 12VDC input. **Weight:** 2.6 lbs., without battery. **Power Consumption:** 8.5 watts.

5⅞" High
4¼" Wide 7¾" Deep

Deluxe Accessories Included! VHS Cassette Adapter, Hardcase, Shoulder Strap, One-Hour Rechargeable Battery Pack, Charger/AC Adapter and A/V Output Cable

---

Fluid-Head Tripod

NEW FOR 89

89⁹⁵

Adjustable Tilt and Pan Tension

Geared Column

Lightweight (only 4¼ lbs.) yet super sturdy—gives your movies a steady, professional look. Also great for use with self-timer feature—keeps camcorder precisely aimed so you can be in the picture. Tripod has two-way fluid head for smooth pans and tilts, convenient quick-release camera mount, rubber feet and retractable spikes. 61" extended, 24" collapsed. **15-2002** **89.95**

FM Wireless Mike System for Camcorders

NEW FOR 89

69⁹⁵ For Close-Up Sound On Long-Range Shots

Clear audio up to 200 feet away! Crystal controlled—nothing to tune. Transmitter has belt clip and mini electret mike with tie clip. Receiver has low/high volume, monitor earphone, cable for camcorder's 1/8" mike input, standard mounting foot. Receiver, 2⅝ x 4⁵/₁₆ x 7/8". Transmitter, 2³/₁₆ x 3³/₁₆ x 7/8". Requires 2 9V batteries. **32-1226** **69.95**

Camcorder Battery

NEW FOR 89 **59⁹⁵**

Rechargeable Nickel-Cadmium

Lasts twice as long as regular battery. Fits Realistic camcorder Model 100. 12VDC, 1500 mAH. **23-183** **59.95**

Camcorder Hardcase

79⁹⁵ NEW FOR 89

Deluxe extra-durable case features heavy foam interior padding, adjustable compartment dividers, key lock and two keys. Exterior, 13 x 18¼ x 6¾". **15-2003** **79.95**

Camcorder Softcase

NEW FOR 89

49⁹⁵

Rugged

Top-loading design with dual zippers and shock-absorbing interior walls. Has three adjustable dividers, accessory pocket, tripod straps, hand/shoulder carry straps. **15-2005** **49.95**

Deluxe Care Kit

NEW FOR 89

4⁹⁵

Includes blower brush, cleaning fluid, nine cotton swabs, lens tissue and chamois cloth for safer cleaning of camcorder's lens and exterior. **15-2004** **4.95**

FOR PICTURE-PERFECT RECORDINGS USE REALISTIC SUPERTAPE BRAND—SEE PAGE 65

Feature-Packed Standard VHS Camcorder

Award-Winning Video Camera/Recorder/Player—Selected as the "Best Product of the Year" by Video Review

1299⁰⁰

**Low As $65 Per Month
TSP Available**

- **²/₃″ MOS Imaging System for Sensational Video Quality, Even in Low Light Levels (7 Lux)**

- **Variable-Speed Shutter Helps Reduce Blur on Freeze-Frame and High-Speed Action**

- **²/₃″ Electronic Viewfinder Displays Scenes As They Will Appear on TV Screen**

- **Uses Standard VHS Video Cassettes**

- **Infrared Auto-Focusing System**

- **Auto Color-Balance and Iris**

- **Handy Electronic Self-Timer Lets You Get in the Picture**

- **HQ System Really Improves Picture Sharpness**

- **Digital Tape Counter and Date Displayed Through Viewfinder**

- **High-Speed Forward/Reverse**

Most-Wanted Accessories Included!

Realistic Model 100 MovieCorder™. You've always wanted to produce and direct your own movies. Now you can. Just aim and shoot and replay instantly through the viewfinder—tape up to two hours in full color with sound! Infrared auto-focusing assures razor-sharp picture clarity. Auto white balance delivers beautiful, true-to-life colors. Auto-iris provides proper exposure, even in changing light. Manual settings let you be creative with fades and other effects. The 6-to-1 motorized zoom lens takes you smoothly from wide-angle to telephoto at the push of a button. Macro focus permits super close ups only ³/₈″ away! When recording, handy Instant Review displays the last few seconds of your tape through the viewfinder. A digital tape counter, displayed through the viewfinder, lets you mark and return to locations on the tape. Viewfinder also displays the date, which can be superimposed on the tape as you record.

For home playback, just load your tape into any standard VHS VCR. Included output cable lets you play through a VCR of any format with A/V inputs or a TV monitor. Optional RF converter lets you play back through any TV. You'll appreciate the superior picture detail provided by HQ circuitry. And forward/reverse visual search makes it easy to scan tapes for desired programming. Standard tripod mount. UL listed AC.
16-801 . . . . **1299.00**

ACCESSORIES AVAILABLE ON SPECIAL ORDER: Mobile 12VDC power cord, AV input adapter to connect MovieCorder to VCR for dubbing, RF converter for TV playback.

SPECIFICATIONS. Lens: f/1.6, 12-72mm zoom with macro. **Shutter Speeds:** ¹/₆₀, ¹/₂₅₀, ¹/₁₀₀₀, ¹/₂₀₀₀ second. **Resolution:** 350 lines. **Video Heads:** 4. **Tape Speed:** SP. **External Connections:** A/V in/ out, ¹/₈″ earphone, ¹/₈″ external mike, 12VDC power. **Size:** 7¹/₈ × 5³/₃₂ × 13¹/₈″. **Weight:** 4.4 lbs., without battery. **Power Consumption:** 9.5 watts.

One-Hour Rechargeable Battery

Hard Case and Shoulder Strap

Audio/Video Output Cable
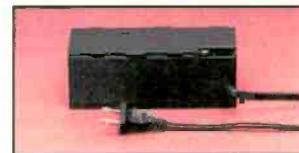
AC Adapter/Charger
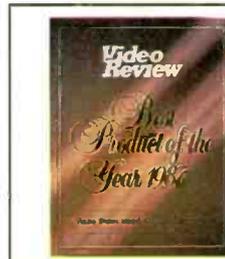
Here's What Video Review Says:

"A particularly impressive performer . . . new convenience features . . . a reliable, excellent product."

VHS VCRs With the Important Extras You Need

On-Screen Programming, HQ And 1-Year/6-Event Timer

399⁹⁵

NEW FOR 89

Low As $20 Per Month ★

TSP Available

Realistic® Model 25. A top performer with on-screen prompts that make programming a simple operation—virtually mistake-proof. Quick-Timer recording starts a timed recording at the press of a single button. Features 1-year/6-event daily/weekly timer, digital synthesized 122-channel cable-compatible tuner, HQ for superior picture, fluorescent display and multifunction infrared remote. 3½ × 17½ × 13½". UL listed AC. Remote requires 2 "AAA" batteries. 16-513 . . . . **399.95**

On-Screen Programming, HQ And 14-Day/6-Event Timer

349⁹⁵

NEW FOR 89

Low As $18 Per Month ★

TSP Available

Realistic Model 21. The convenience of programming prompts displayed on your screen combined with all the most-wanted video features. Has Quick-Timer recording, 14-day/6-event daily/weekly timer, 110-channel cable-compatible tuner, HQ circuitry, 2-speed forward/reverse visual search, automatic eject and rewind, fluorescent display, infrared remote. 4 × 16¾ × 12½". UL listed AC. Remote requires 2 "AAA" batteries. 16-510 . . . . . . **349.95**
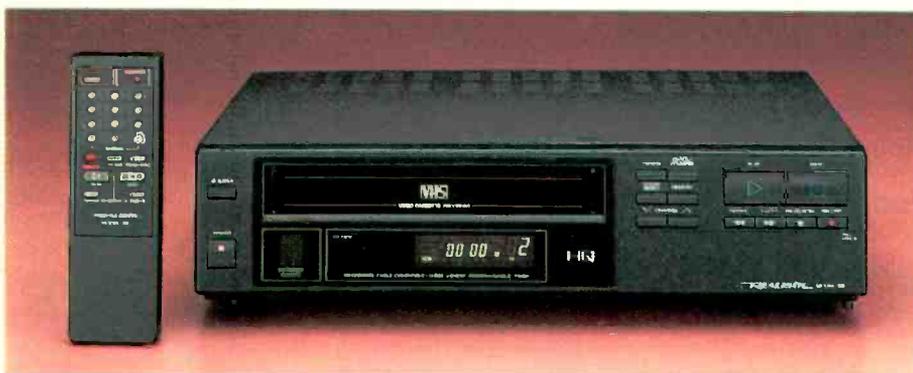
Value-Packed With HQ System And Quick-Timer Recording

269⁹⁵

NEW FOR 89

Low As $15 Per Month ★

TSP Available

Realistic Model 26. Even our lowest priced VCR gives you easy operation and the very latest features. Has one-touch Quick-Timer recording, 14-day/4-event timer and digital-synthesized 110-channel cable-compatible tuner, 2-speed forward/reverse visual search, automatic rewind, HQ for a sharper picture, fluorescent display and multi-function infrared remote. 3½ × 15¼ × 13¼". UL listed AC. Remote requires 2 "AA" batteries. 16-514 . . . . . **269.95**

Video to Go! Our VHS Video Player Operates on AC or 12 Volts DC

199⁹⁵

TSP Available

■ Includes DC Cord With Lighter Plug
■ 3-Speed Playback With Automatic Tape Speed Selection

Low As $15 Per Month ★

Realistic Model 10. Enjoy video tapes at home, in your car, RV or boat! Features automatic tape-speed selection, selectable automatic rewind/shutoff or rewind/replay, forward/reverse picture search, and carrying handle. RF cable for hookup to any TV. Also has audio/video outputs. 4⅞ × 11⅜ × 13⅜". UL listed AC or 12 VDC neg. gnd. 16-403 . . . . **199.95**

ALL REALISTIC VCRs INCLUDE WIRELESS REMOTES AND THE CABLE REQUIRED FOR HOOKUP TO ANY STANDARD TV SET

VCRs Featuring Amazing Special Effects

Digital With 9-Screen Channel Search and Digital Picture-Freeze

NEW FOR 89

499⁹⁵

TSP Available

Low As $25 Per Month *

- 9-Screen Channel Search Displays Still Pictures From Up to Nine Different Channels Simultaneously
- Picture-in-Picture Mode Displays Images From Two Different Sources Simultaneously on One Screen
- Easy Remote Programming With Prompts Displayed On-Screen

Realistic Model 72. Much more than an ordinary VCR. You get easy on-screen programming, exciting new digital effects and wireless remote control. Strobe mode displays a full-screen still picture that is updated by new stills at fixed or variable intervals. With Quick-Timer recording, 14-day/4-event timer, 110-channel cable-compatible tuner, HQ and double comb filters for extraordinary clarity, fluorescent display. 3³/₄ × 17¹/₄ × 13³/₄". UL listed AC. Remote requires 2 "AAA" batteries. 16-653 . . . . . 499.95

Digital With Four Heads, Picture-in-Picture, On-Screen Programming

NEW FOR 89

499⁹⁵

TSP Available

Low As $25 Per Month *

- Four-Head Design for Advanced Special Effects
- Picture-in-Picture Feature
- Easy Remote Programming With Prompts Displayed On-Screen
- Recall Mode Stores a Still Frame for Later Retrieval

Realistic Model 71. The ultimate in VCR special effects—clear and stable "freeze," slow and high-speed motion and frame advance. Picture-in-Picture mode simultaneously displays images from two different sources on one screen. Features Quick-Timer recording, 1-year/6-event daily/weekly timer, 122-channel cable-compatible tuner, HQ, fluorescent display and remote. 3¹/₂ × 17¹/₂ × 13¹/₂". UL listed AC. Remote requires 2 "AAA" batteries. 16-652 . . . . 499.95

Four Heads for Great Special Effects, HQ, On-Screen Programming

NEW FOR 89

399⁹⁵

TSP Available

Low As $20 Per Month *

- 4 Heads for Noiseless Stop-Action, Slow Motion and Frame Advance
- Dual-Speed Quick Search Helps Find Selections Fast
- HQ Delivers a Clearer Picture
- Auto Power-On, Play and Repeat

Realistic Model 27. All the special-effects features and easy programming you want at an outstanding price. Has Quick-Timer recording, 1-year/6-event daily/weekly timer, 122-channel cable-compatible tuner, automatic rewind/eject and power-off, forward/reverse visual search, and fluorescent display. 3¹/₂ × 17¹/₂ × 13¹/₂". UL listed AC. Remote requires 2 "AAA" batteries. 16-515 . . . . 399.95

TANDY SERVICE PLAN AVAILABLE FOR ALL REALISTIC VCRs—SEE PAGE 93 FOR INFORMATION

VHS VCRs With Built-In Stereo TV Tuners

Hi-Fi Stereo With Built-In 10-Watt Audio Amplifier

NEW FOR 89

599⁹⁵

Low As $30 Per Month∗

TSP Available

10 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 50-20,000 Hz, WITH NO MORE THAN 1.0% TOTAL HARMONIC DISTORTION

Save $69⁸⁵

Reg. Separate Items 699.85

SYSTEM

630⁰⁰

- Model 44 Hi-Fi VCR
- Two Minimus®-7 Black 2-Way Speakers

Realistic® Model 44. The VHS VCR with state-of-the art video and audio! Enjoy full-range sound on VHS Hi-Fi prerecorded tapes and stereo TV broadcasts—just add speakers. Features include on-screen programming, high-speed forward/reverse visual search, slow/quick motion, frame advance, HQ for visibly sharper pictures. Quick-Timer recording, 1-year/6-event daily/weekly timer, PLL synthesized 122-channel cable-compatible tuner, bass, treble, volume and balance controls. Electronic 4-digit tape counter with memory rewind, fluorescent display. Remote handles every major operation. 3¾ x 17½ x 17″. UL listed AC. Remote requires 2 "AAA" batteries. 16-614 ..... 599.95

- Just Add Speakers to Watch, Play and Record MTS Stereo-TV Programs And SAP Broadcasts—No External Amp Needed
- 38-Function Wireless Infrared Remote Control
- Remote Programming With On-Screen Prompts

VHS Stereo With Dolby∗ NR, On-Screen Programming and Wireless Remote

NEW FOR 89

449⁹⁵

Low As $23 Per Month∗

TSP Available

Realistic Model 34. Super performer connects to your stereo system for incredible audio depth and realism on MTS stereo TV broadcasts, TV/FM simulcasts and SAP sound when available. Dolby NR reduces tape hiss and extends dynamic range on Dolby VHS stereo tapes. Auto-function loads, plays and rewinds a tape, then shuts off the VCR. Also features high-speed forward/reverse visual search, pause/still, 3-speed operation, cable-compatible 111-channel PLL tuner, 14-day/6-event timer, electronic 4-digit tape counter with memory rewind, fluorescent display. 3¾ x 16¾ x 12½″. UL listed AC. Remote requires 2 "AAA" batteries. 16-704 .... 449.95

- Watch, Record and Play MTS Stereo-TV Programs And SAP Broadcasts
- Easy Remote Programming With Prompts Displayed Right on Your TV Screen
- Quick-Timer Recording
- HQ for Clearer Pictures

Desert Vision

24⁹⁵ **NEW FOR 89** VHS Hi-Fi Stereo

A sight and sound experience! Discover the beauty and music of desert regions across the country. 50-3008 ..... 24.95

Spatial Overture

19⁹⁵ **NEW FOR 89** VHS Hi-Fi Stereo

A thrilling musical video diary of man's quest beyond Mother Earth. 50-3009 .... 19.95

Voyage to the Planets

24⁹⁵ **NEW FOR 89** VHS Hi-Fi Stereo

A fantastic musical video voyage through the solar system. 50-3010 .... 24.95

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS / ∗TM DOLBY LABORATORIES LICENSING CORP.

AM/FM/TV Audio/Video Stereo Receiver

599⁹⁵

Low As $30 Per Month ★

TSP Available

■ **Exclusive Features Put You in Command of Even the Most Sophisticated Audio/Video System—All by Remote Control**

Realistic AV-900. The ultimate "marriage" of audio and video! This receiver/control center is engineered to be the heart of a complete high-performance A-V system. It eliminates the need for and expense of switch-boxes, multiple components and a tangle of patch cords. It makes the most complex operations simple, many at the touch of a single button. The AV-900 is exactly what you need to fully enjoy everything available on home video and audio today.

This amazing performer is a full-featured TV-audio tuner—MTS stereo, SAP and UHF/VHF broadcasts, plus cable channels. It is a high-fidelity digital-synthesized AM/FM stereo receiver with automatic search tuning and presets for eight FM and eight AM stations. And it is an audio/video control center with full dubbing capability. Our exclusive simulcast function not only delivers TV/FM simulcast programs but even stores four cable channel/FM stereo frequency "pairs" in memory—you no longer need to get up and tune them separately each time you switch channels! The one-touch memory preset locks in the FM frequency and the corresponding cable channel simultaneously. The AV-900 is compatible with all standard TV receivers (RF output, channels 3-4) and video monitors (baseband) to deliver the finest audio/video.

■ **140-Channel Tuner for UHF/VHF, Cable and Stereo TV Plus a Digital-Synthesized AM/FM Stereo Tuner/Receiver**
■ **Compatible With All TVs and Baseband Video Monitors**
■ **Programmable TV/FM Simulcast Tuning With Memory Presets**
■ **Pro-Feature Video Signal Processing and Video Dubbing**

You can connect and control your choice of audio and video equipment. Hook-up a turntable, tape deck, CD player, two VCRs (or one VCR and a video disc player), plus a Dolby™ surround decoder—and manage them all through the AV-900. Dub from VCR to VCR, from CD to VCR, from turntable to cassette—all without ever switching a patchcord. And imagine this—you can watch a ballgame while dubbing a personal video, or put your favorite music onto the soundtrack of any videotape—even from a CD. Delivers 35 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.3% total harmonic distortion.

This is "the" all-in-one audio-video component, yet it couldn't be easier to use. UL listed AC. Remote requires 2 "AAA" batteries. Come in and we'll show you how great the AV-900 really is. **16-1285** **599.95**

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. **S/N:** 84 dB phono, 88 dB CD/Aux. **Sensitivity for Rated Power:** 2.5 mV phono, 150 mV CD/Aux. **FM TUNER:** Sensitivity for 50 dB quieting (dBf): 40.2. **TV TUNER:** 140-channel, Cable HRC offset. **VIDEO DUBBING:** Bidirectional with processor loop. **EXTERNAL CONNECTIONS:** 75-ohm TV antenna, cable TV, 75-ohm FM antenna, AM antenna, magnetic phono, audio tape in/out, TV (RF) out, video monitor (baseband) output, VCR-1 in/out, VCR-2 in/out, aux in, speakers left/right, ¼" headphone. **Size:** 4⁵/₁₆ × 16½ × 12⁹/₁₆".

Save $190⁷⁰

Reg. Separate Items 1889.70

SYSTEM

1699⁰⁰

Low As $85 Per Month ★

■ **Realistic AV-900 AM/FM/TV Audio/Video Receiver**
■ **Two Nova®-15 2-Way Bass-Reflex Speaker Systems**
■ **Realistic LAB-450 Semi-Automatic Turntable With Cartridge**
■ **Realistic Model 44 VHS Hi-Fi VCR With Wireless Remote**
■ **Radio Shack TC-1010 19" Color TV/Monitor**

Save $270⁵⁰

Reg. Separate Items 2709.50

SYSTEM

2439⁰⁰

Low As $122 Per Month ★

■ **Realistic AV-900 AM/FM/TV Audio/Video Receiver**
■ **Two Optimus®-650 3-Way Speaker Systems**
■ **Model 44 VHS Hi-Fi VCR** ■ **LAB-2200 Turntable**
■ **CD-1700 Compact Disc Player** ■ **Universal Remote Control**
■ **10-Band Graphic Equalizer** ■ **TC-1010 19" Color TV/Monitor**
■ **SCT-84 High-Speed Dubbing Cassette Deck**

REALISTIC VCRs INCLUDE ALL CABLES REQUIRED FOR HOOKUP TO ANY STANDARD TV SET. TV SCREENS MEASURED DIAGONALLY—SIMULATED RECEPTION

Our Finest! Digital Receiver With IR Remote

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

499⁹⁵

Low As $25 Per Month ★

TSP Available

■ Wireless Infrared Remote for Easy Armchair Operation
■ Quartz Crystal Accuracy for Precise Tuning

Realistic® STA-2700. One of the finest stereo receivers you can buy. This versatile powerhouse brings together the latest advances in microprocessing and audio technology, resulting in amazing sonic purity and the luxury of remote control. It's the ideal receiver to serve as the heart of a sophisticated audio and video system. Tune up and down the FM and AM bands with the multifunction wireless remote or manually with the feather-touch control bar. Or, use the search mode to scan to the next available station. The system locks stations on-frequency, automatically skipping over weaker signals. You can even store six FM and six AM stations in memory for instant recall. Digital fluorescent display shows exact station frequencies. Also features 5-segment LED signal strength meter and dual 7-step output power meters. Full array of inputs and outputs make this the perfect partner for your VCR or digital disc player. Built-in tape control center for 2-way dubbing and 2-deck monitoring. Loudness control enhances bass at lower volumes. MPX blend cuts hiss on weak FM stereo signals. FM muting eliminates interstation tuning noise while high-filter cleans up record "scratch". Subsonic filter cuts power-robbing distortion. LED function indicators show you mode selection at a glance. Protected against overheating and overload. UL listed AC. Remote requires 2 "AA" batteries. **31-3016** **499.95**

SPECIFICATIONS

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. **S/N:** 84 dB phono, 100 dB aux. **Phono Equalization:** RIAA ± 2 dB. **FM TUNER. Sensitivity (IHF):** 1.7 µV (9.8 dBf). **S/N:** 70 dB. **Capture Ratio:** 1.5 dB. **Selectivity:** 70 dB. **Image Rejection:** 70 dB. **IF Rejection:** 85 dB. **Stereo Harmonic Distortion:** 0.2%. **Channel Separation (at 1 kHz):** 52 dB. **EXTERNAL CONNECTIONS:** AM antenna and 75 or 300-ohm FM antenna, A and B speaker pairs, ¼" stereo headphone, tape 1 and 2 input/output, magnetic phono, TV/aux, CD/aux, VCR/aux, two AC convenience outlets. **SIZE:** 4³/₄ × 17³/₄ × 14¹/₄".

Save $100⁸⁰

SYSTEM 849⁰⁰

Reg. Separate Items 949.80

Low As $43 Per Month ★

■ Realistic STA-2700 AM/FM Stereo Receiver
■ Two Optimus®-900 3-Way Speaker Systems
■ LAB-450 Direct-Drive Automatic Turntable

Save $140⁷⁰

SYSTEM 1259⁰⁰

Reg. Separate Items 1399.70

Low As $63 Per Month ★

■ Realistic STA-2700 AM/FM Stereo Receiver
■ Two Optimus-1000 Digital-Ready Speakers
■ LAB-2200 Turntable ■ SCT-83 Cassette
■ 10-Band EQ With Spectrum Display

Recordings not included

Save $170⁷⁰

SYSTEM 1479⁰⁰

Reg. Separate Items 1649.70

Low As $74 Per Month ★

■ Realistic STA-2700 AM/FM Stereo Receiver
■ Two Mach-Two Digital-Ready Speakers
■ CD-1600 CD Player With Remote Control
■ SCT-84 Dual-Cassette Deck ■ Audio Rack

14   ALL REALISTIC TURNTABLES INCLUDE BASE, DUST COVER AND CARTRIDGE—NO EXTRAS TO BUY

High-Power Digital-Synthesized Receiver

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

NEW FOR 89

399⁹⁵

Low As $20 Per Month★   TSP Available

■ Memory Stores Six FM and Six AM Stations
■ Digital Fluorescent Frequency Display

Realistic STA-2380. Advanced features and dynamic audio power combine to add a new dimension to your high-fidelity system. It's a great high-power receiver choice to begin an advanced digital audio/video system or to upgrade your present stereo. Engineered for state-of-the-art audio performance with the utmost convenience. Tuner has search mode for scanning up and down the FM and AM bands automatically—the system stops at each station and locks it precisely on-frequency. You can use the feather-touch control bar for manual tuning, and program six of your favorite FM plus six AM stations in memory for one-touch recall. Features 5-segment fluorescent signal strength meter and dual 7-step output

power meters. FM muting eliminates tuning noise between stations. MPX blend cuts hiss on weak FM stereo signals. Separate 11-step bass, treble and balance controls, loudness switch for solid bass at lower volume settings. High-filter cleans up record "scratch". Built-in tape control center makes 2-way dubbing and 2-deck monitoring a simple operation. Mono pushbutton helps reduce noise on weak FM stations. Inputs for CD player, video sound source, magnetic turntable and two tape decks. Fluorescent FM stereo indicator. LED function indicators show you mode selection at a glance. Fully protected against overheating and overload. UL listed AC.
31-3007 . . . . **399.95**

SPECIFICATIONS

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. **S/N:** 84 dB phono, 100 dB aux. **Phono Equalization:** RIAA ± 2 dB. **FM TUNER. Sensitivity (IHF):** 1.7 µV (9.8 dBf). **S/N:** 70 dB. **Capture Ratio:** 1.0 dB. **Selectivity:** 70 dB. **Image Rejection:** 75 dB. **IF Rejection:** 85 dB. **Stereo Harmonic Distortion:** 0.3%. **Channel Separation (at 1 kHz):** 50 dB. **EXTERNAL CONNECTIONS:** AM antenna and 75 or 300-ohm FM antenna. A and B speaker pairs, ¼" stereo headphone, tape 1 and 2 input/output, magnetic phono, TV/aux, CD/aux, two AC convenience outlets. **SIZE:** 4¾ x 17¾ x 14¼".

Save $90⁸⁰

SYSTEM
759⁰⁰

Reg. Separate Items 849.80

Low As $38 Per Month ■

■ Realistic STA-2380 AM/FM Stereo Receiver
■ Two Optimus-900 3-Way Speaker Systems
■ LAB-450 Direct-Drive Turntable

Save $110⁷⁵

SYSTEM
1019⁰⁰

Reg. Separate Items 1129.75

Low As $51 Per Month ■

■ Realistic STA-2380 AM/FM Stereo Receiver
■ Two Optimus-1000 3-Way Speaker Systems
■ LAB-2200 Linear-Tracking Turntable
■ Realistic SCT-74 Dual-Cassette Deck

Recordings not included

Save $150⁷⁰

SYSTEM
1339⁰⁰

Reg. Separate Items 1489.70

Low As $67 Per Month ■

■ Realistic STA-2380 AM/FM Stereo Receiver
■ Two Mach-Two 3-Way Speaker Systems
■ CD-1700 Compact Disc Player
■ SCT-83 Cassette Deck ■ Audio Rack

Great Values in Stereo Receivers and Systems

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

High-Power AM/FM Stereo Receiver With One-Touch Search Tuning System

349⁹⁵

NEW FOR 89

Low As $18 Per Month★　　　**TSP Available**

- 10-Segment LED Output Power Meter
- Memory Stores Six FM and Six AM Stations
- Digital Fluorescent Frequency Display

Realistic® STA-2150. Superb performer combines the latest convenience features and dynamic audio power. Digital tuner has search mode for scanning up and down the FM and AM bands automatically—the system stops at each station and locks it on-frequency. You can use the control bar for manual tuning, and program stations in memory. FM muting eliminates tuning noise between stations. Also features 3-LED signal strength meter and FM stereo, memory and function LEDs. Loudness control for enhanced bass at lower volume settings. Rotary bass, treble, volume and balance controls. UL listed AC. 31-3003 . . . . 349.95

AMPLIFIER. Response: 20-20,000 Hz ± 1.5 dB. S/N: 84 dB phono, 100 dB aux. FM TUNER. Sensitivity (IHF): 2.8 µV (14.2 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. Stereo Harmonic Distortion: 0.5%. Separation (at 1 kHz): 40 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, ¼" headphone. Size: 4½ × 16⅞ × 11¾".

Save $90⁷⁵

Reg. Separate Items 849.75

SYSTEM 759⁰⁰

Low As $38 Per Month•

- Realistic STA-2150 AM/FM Stereo Receiver
- Two Optimus®-650 3-Way Speaker Systems
- LAB-450 Direct-Drive Automatic Turntable
- Ten-Band Spectrum Display Equalizer

Save $120⁷⁰

Reg. Separate Items 1209.70

SYSTEM 1089⁰⁰

Low As $55 Per Month•

- Realistic STA-2150 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- CD-2400 Compact Digital Disc Player
- SCT-83 Stereo Cassette Deck ■ Audio Rack

---

55 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

Digital-Synthesized Stereo Receiver With Fluorescent Display and Search Tuning

279⁹⁵

NEW FOR 89

Low As $15 Per Month★　　　**TSP Available**

- Search Mode for Scanning Up and Down The FM and AM Bands to Find Stations
- Easy-to-See Digital Fluorescent Display

Realistic STA-117. Precision controls and plenty of audio power. Tuning couldn't be easier—just press the tuning control to move up or down the bands and the digital system locks-in the next station. You can store up to six FM and six AM stations in memory for instant recall. Other features include FM muting to silence tuning noise between stations and 3-LED signal strength meter. Loudness control for enhanced bass at lower volume settings. FM stereo, memory and function LEDs. Rotary bass, treble, volume and balance controls. UL listed AC. 31-2013 . . . . 279.95

AMPLIFIER. Response: 20-20,000 Hz ± 1.5 dB. S/N: 84 dB phono, 100 dB aux. FM TUNER. Sensitivity (IHF): 2.8 µV (14.2 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. Stereo Harmonic Distortion: 0.5%. Separation (at 1 kHz): 40 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, ¼" headphone. Size: 4⅞ × 16¾ × 9⅞".

Save $80⁷⁵

Reg. Separate Items 759.75

SYSTEM 679⁰⁰

Low As $34 Per Month•

- Realistic STA-117 AM/FM Stereo Receiver
- Two Optimus-650 3-Way Speaker Systems
- LAB-330 Belt-Drive Automatic Turntable
- SCT-46 Stereo Dubbing-Cassette Deck
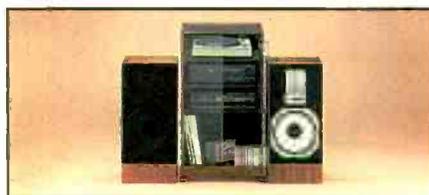
Save $110⁷⁰

Reg. Separate Items 1069.70

SYSTEM 959⁰⁰

Low As $48 Per Month•

- Realistic STA-117 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- LAB-450 Direct-Drive Automatic Turntable
- SCT-83 Cassette Deck ■ Audio Rack

All Featuring Digital-Synthesized Tuning

Stereo Receiver With LCD Display and Presets for Twelve FM/Six AM Stations

NEW FOR 89

199⁹⁵

Low As $15 Per Month★

TSP Available

Available Oct. 30, 1988

- Easy-to-Read LCD Digital Display
- Memory Presets to Store Your Favorite Stations for Instant Recall, Anytime

Realistic STA-785. Step up to power and performance for less. Digital-synthesized tuner features a search mode to scan up and down the FM and AM bands. The system stops at each station and locks it precisely on-frequency. The feather-touch control bars make manual tuning equally simple. FM muting silences noise between stations while tuning. Also features loudness control for enhanced bass at lower volume settings and a 5-LED output power meter. FM stereo, memory, tuning and function LEDs. Slide-action bass, treble, volume and balance controls. UL listed AC.
31-2069 .... **199.95**

AMPLIFIER. Response: 40-20,000 Hz ± 3 dB. **S/N:** 56 dB phono, 67 dB aux. **FM TUNER. Sensitivity (IHF):** 2.5 μV (13.2 dBf). **Capture Ratio:** 2.5 dB. **S/N:** 70 dB. **Stereo Harmonic Distortion:** 0.4%. **Separation (at 1 kHz):** 38 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, 1/4" headphone. **Size:** 3⅝ × 17 × 9¾".

50 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

Save $60⁷⁵
Reg. Separate Items 579.75

SYSTEM
519⁰⁰
Low As $26 Per Month•

- Realistic STA-785 AM/FM Stereo Receiver
- Two Nova³-15 2-Way Bass-Reflex Speakers
- LAB-330 Belt-Drive Automatic Turntable
- Ten-Band Spectrum Display Equalizer

Save $90⁷⁰
Reg. Separate Items 869.70

SYSTEM
779⁰⁰
Low As $39 Per Month•

- Realistic STA-785 AM/FM Stereo Receiver
- Two Optimus-650 3-Way Speaker Systems
- LAB-450 Direct-Drive Automatic Turntable
- SCT-74 Dubbing Cassette Deck ■ Audio Rack

Big-Value AM/FM Stereo Receiver With One-Touch Automatic Search Tuning

NEW FOR 89

159⁹⁵

Low As $15 Per Month★

TSP Available

Available Oct. 30, 1988

- Search Mode Helps You Find Stations Fast
- Memory Stores Twelve FM/Six AM Stations
- Easy-to-Read LCD Digital Display

Realistic STA-130. Digital-synthesized precision and convenience at a breakthrough low price! You can scan up and down the FM and AM bands to find new stations, tune manually, and program stations in memory for instant recall at a later time. FM muting eliminates tuning noise between stations. Loudness control for enhanced bass at lower volume settings. Also features a 5-LED output power meter and FM mono/stereo control. FM stereo, memory, tuning and function LEDs. Slide-action bass, treble, volume and balance controls. UL listed AC. **31-2066** **159.95**

AMPLIFIER. Response: 40-20,000 Hz ± 3 dB. **S/N:** 56 dB phono, 67 dB aux. **FM TUNER. Sensitivity (IHF):** 2.5 μV (13.2 dBf). **Capture Ratio:** 2.5 dB. **S/N:** 70 dB. **Stereo Harmonic Distortion:** 0.4%. **Separation (at 1 kHz):** 38 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, 1/4" headphone. **Size:** 3⅝ × 17 × 9¾".

30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

Save $50⁷⁵
Reg. Separate Items 499.75

SYSTEM
449⁰⁰
Low As $23 Per Month•

- Realistic STA-130 AM/FM Stereo Receiver
- Two MC-1800 2-Way Walnut Veneer Speakers
- LAB-330 Belt-Drive Automatic Turntable
- SCT-45 Stereo Dubbing Cassette Deck

Save $60⁷⁵
Reg. Separate Items 619.75

SYSTEM
559⁰⁰
Low As $28 Per Month•

- Realistic STA-130 AM/FM Stereo Receiver
- Two Nova-15 2-Way Bass-Reflex Speakers
- LAB-2200 Computer-Controlled Turntable
- SCT-46 High-Speed Dubbing Cassette Deck

Budget Stereo Components and Systems

Personal-Size AM/FM Stereo Receiver

129⁹⁵

Low As $15 Per Month ∗

TSP Available

- Perfect Size for Desk, Bedroom, Dorm
- Auto-Magic® System Fine-Tunes FM

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

Realistic STA-19. Don't let the small "desktop" size fool you—this is a solid performer that delivers superb stereo sound! Exclusive Auto-Magic system fine-tunes FM, and the special EQ switch provides uniform energy output at all frequencies for a rich, full sound even from mini-speakers. You also get FM stereo and tuning LEDs and an easy-to-read tuning dial with LED pointer. Loudness control enhances bass response at low volume. Function switch for FM auto, AM, magnetic phono and tape. Front panel has 1/8" jacks for adding headphones and a stereo tape player. Walnut vinyl-over-metal case. UL listed AC. **31-1975** **129.95**

AMPLIFIER: Response: 40-20,000 ±1 dB. S/N: 70 dB phono, 72 dB aux. FM TUNER. Sensitivity (IHF): 7.0 µV (22.3 dBf). Capture Ratio: 3.0 dB. S/N: 60 dB. Selectivity: 55 dB. Image Rejection: 38 dB. Stereo Harmonic Distortion: 1.0%. Separation (at 1 kHz): 35 dB. Size: 2⅝ x 10⅜ x 6¾".

Save $30⁸⁰   Reg. Separate Items 279.80

SYSTEM

- Realistic STA-19 Receiver
- Two Minimus-7 Speakers
- SCP-31 Cassette Stereo Playback Deck

249⁰⁰

Low As $15 Per Month ∗
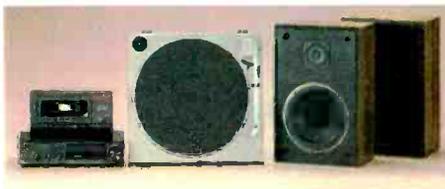
Save $34⁷⁵   Reg. Separate Items 359.75

SYSTEM

- STA-19 Stereo Receiver
- Two MC-800 Speakers
- LAB-330 Turntable
- SCP-31 Cassette Player

325⁰⁰

Low As $16 Per Month ∗

Stereo Micro Amp

29⁹⁵

Realistic SA-10. Space-saver! Inputs for ceramic phono, tuner or tape deck. Stereo/mono button and tone control. And it's only 3¼ x 7⅞ x 5½". UL listed AC. **31-1982** **29.95**

Space-Saving Stereo Mini Amplifier

59⁹⁵

Use With Tuner Below or Other Components

TSP Available

Realistic SA-150. A truly fine performer in a small package! Use with stereo tuner, tape deck or a record changer. Features mono/stereo button, tone control and 1/4" headphone jack for private listening. Handsome walnut-grained vinyl veneer enclosure. 2½ x 9 x 6". UL listed AC. **31-1955** **59.95**

Save $12⁸⁰   Reg. Separate Items 147.80

SYSTEM

- Realistic SA-150 Mini Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-0.3 Cube Speaker Systems

135⁰⁰

Low As $15 Per Month ∗

Our Matching AM/FM Stereo Mini Tuner

59⁹⁵

Fits Almost Anywhere

TSP Available

Realistic® TM-150. Phase-locked loop circuitry for superb performance in a compact size. Features stereo/mono switch, FM stereo LED and an illuminated tuning dial. Built-in FM and AM antennas plus terminals for an external FM antenna. 2½ x 9 x 6". UL listed AC. **31-1956** **59.95**

Save $28⁷⁵   Reg. Separate Items 257.75

SYSTEM

- SA-150 Mini Amplifier
- TM-150 AM/FM Tuner
- Two Minimus-18 Walnut Veneer Speaker Systems
- LAB-89 Auto-Changer

229⁰⁰

Low As $15 Per Month ∗

---

18   APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3

High-Performance Realistic Turntables

Computer-Controlled Direct-Drive

Includes Realistic/ Audio-Technica Dual-Magnet Cartridge

149⁹⁵

Low As $15 Per Month *

TSP Available

- **Programmable to Repeat One Side Over and Over**
- **Linear-Tracking, Straight-Line Tonearm Plays Records The Same Way They Were Cut for Superior Sound**

Realistic LAB-2200. A built-in microprocessor monitors the straight-line, low-mass tonearm to maintain proper stylus angle. The result is zero tracking error for cleaner sound and longer record life. Plug-in cartridge tracks at less than 1½ grams. Fully automatic start and shutoff operation. Soft-touch pushbuttons provide logic-controlled tonearm cueing and positioning. Neon strobe and pitch control. Auto speed selection and record size control. Brushless DC servo motor. LEDs for repeat, 33⅓ and 45-RPM speeds. Rumble: − 62 dB. Wow and flutter: less than 0.06%. Includes 45-RPM adapter. 4 × 13½ × 13¾". UL listed AC. **42-2916** **149.95**

Direct-Drive Turntable With Light-Tracking Tonearm and Strobe

Includes Realistic/Shure Moving-Magnet Cartridge

129⁹⁵

Low As $15 Per Month *

TSP Available

- **Neon Strobe for Precise Pitch Control**
- **Straight-Line Tonearm ■ Damped Cueing**

Realistic LAB-450. Pro-quality features, high reliability and excellent stereo at a great price! Controls are located on front panel for convenient operation. Damped cueing sets tonearm gently on records, and straight-line design provides precision tracking. Has automatic arm return and shutoff, 33⅓ or 45-RPM selector, adjustable antiskate control and rubber mat. Rumble: − 65 dB. Wow and flutter: less than 0.05%. With 45-RPM adapter. 4½ × 14¹⁵⁄₁₆ × 14⁵⁄₁₆". UL listed AC. **42-2918** **129.95**
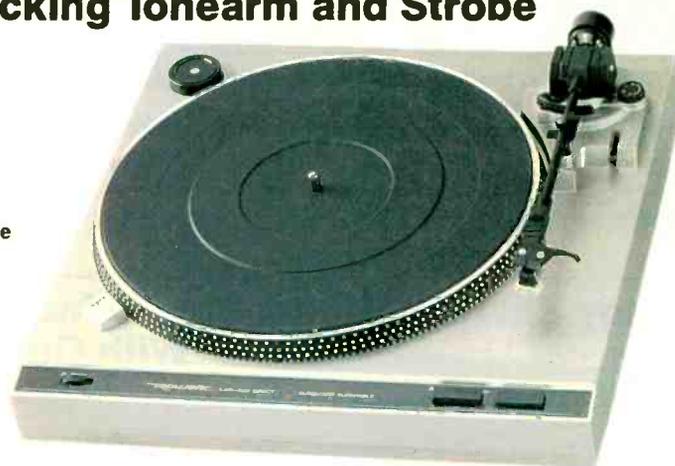
Belt-Drive Turntable With Preamp

89⁹⁵

TSP Available

Includes Realistic/ Audio-Technica Dual-Magnet Cartridge

Switchable Stereo Preamp Matches Equipment Having Ceramic-Phono or Aux Inputs

Realistic LAB-330. This versatile turntable delivers superb sound with any stereo system. Compatible with magnetic phono, ceramic phono, aux and even tape inputs. Straight-line tonearm provides precise tracking and low distortion. Features automatic arm return and shutoff, pushbutton selector for 33⅓ and 45-RPM. Rumble: − 55 dB. Wow and flutter: less than 0.1%. With 45-RPM adapter. 3½ × 13½ × 12¾". UL listed AC. **42-2917** . . **89.95**

Automatic Changer With Preamp

89⁹⁵

TSP Available

Includes Magnetic Cartridge

- **Compatible With Any Stereo System**
- **Auto-Glide Spindle Lets You Stack Up to Four Records**

Realistic LAB-89. Switchable preamp matches the magnetic cartridge to systems having only ceramic phono or aux inputs. Belt-drive system for quiet, dependable operation. Also features automatic arm return and shutoff, straight-line tonearm, cue lever. Slide-action selector for 33⅓ or 45-RPM speeds. Built-in 45-RPM adapter. 5⅝ × 15 × 13⅛". UL listed AC. **42-2986** **89.95**

ALL REALISTIC TURNTABLES AND CHANGERS INCLUDE BASE, DUST COVER AND CARTRIDGE—NO EXTRAS TO BUY

Realistic® High-Performance CD Players

Remote-Control Changer—Plays Up to Six Discs Automatically

NEW FOR 89

359⁹⁵

Low As $18 Per Month ★

TSP Available

- Included CD Magazine Accepts Up to Six Compact Discs
- Plays All Discs or You Can Program Up to 32 Selections From the Six Discs to Play in Any Sequence You Desire
- Infrared Remote Lets You Pause, Program, Repeat Play, Search and Shift Display Modes From Across a Room

Extra Magazines—Store and Protect Your CDs

NEW FOR 89

With extra magazines, you can protect your CDs and have them loaded up, ready for play. For use with Realistic changer and compatible with Pioneer changers using the JD-M100 cartridge. 42-1000 . . . . 17.95

Realistic CD-6000. Digital stereo with a new dimension of convenience—you can enjoy an entire evening of music without changing discs! A new heavily cushioned deck mechanism, 2-times oversampling and our proven Tri-Spot laser system assure top-flight sound and performance. Three-way repeat function gives you the choice of replaying all loaded discs, your programmed selections or a single selection. A dual-mode LED digital display makes programming—or changing your program—quick and easy. Auto-search music system and bidirectional audible search help you locate selections quickly. Remote requires 2 "AAA" batteries. UL listed AC. 42-5020 . . . . 359.95

SPECIFICATIONS. Frequency Response: 5-20,000 Hz + 0.8, − 0.5 dB. **S/N:** 90 dB. **Dynamic Range:** 90 dB. **Harmonic Distortion:** 0.009% at 1 kHz. **Wow and Flutter:** below measurable limits. **Sampling Frequency:** 44.1 kHz. **Oversampling:** 2 times. **Signal Processing Rate:** 88.2 kHz. **Size:** 3⁹/₁₆ x 16⁹/₁₆ x 13¹/₁₆".

Enjoy Exciting Digital Stereo Music Anywhere With Our CD Portable

NEW FOR 89

219⁹⁵

TSP Available

Low As $15 Per Month ★

- Add Stereo Headphones, Play Through Home Stereo With the Included Patch Cord or Use Optional Car Cassette Adapter
- Program Up to 16 Selections to Play in the Order You Choose
- Includes Shoulder Strap

Only 6¹/₂ x 5¹/₂ x 1⁵/₈"

Realistic CD-3200. State-of-the-art digital stereo to go! Has Tri-Spot laser system for accurate tracking and 2-times oversampling for superior sound. Multifunction LCD display. Auto search and bidirectional audible search. Built-in battery compartment and charging circuit for NiCd batteries. Requires 6 "AA" batteries (or AC adapter/charger #273-1651 or DC adapter #270-1562, extra). See page 38 for headphones. 42-5011 . . . . 219.95

SPECIFICATIONS. Frequency Response: 20-20,000 Hz + 0.5, − 1.5 dB. **S/N:** 80 dB. **Dynamic Range:** 75 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.

Favorite Music on CD Never Sounded Better

(1) (2) (3)

NEW FOR 89

10⁹⁵ Each

(1) Greatest Hits by Kenny Rogers and The First Edition. Includes "Ruby, Don't Take Your Love to Town," "Reuben James," "Something's Burning," "Me and Bobby McGee," "Elvira," "Goodtime Liberator," "Sunshine," "Ticket to Nowhere." 51-5010 . . . . 10.95

(2) Legendary Oldies of the 50's and 60's. Over 60 minutes of exciting sound from the beginning of the rock and roll era. Artists include Chuck Berry, Ritchie Valens, The Coasters, Lloyd Price, Ben E. King, Bo Diddley, Dee Clark and others. 51-5009 . . . . 10.95

(3) All Night Long. 20 Love Themes by the Studio London Orchestra. Over 70 minutes of music including "I Just Called to Say I Love You," "Never Gonna Let You Go," "Take a Look at Me Now," "All Night Long." 51-5008 . . . . 10.95

The Ultimate in Audio Entertainment

Remote-Control CD Player Featuring "Music Calendar" Display

NEW FOR 89

249⁹⁵ TSP Available

Low As $15 Per Month *

- Special "Music Calendar" Display Shows CD Contents and Your Program at a Glance
- Remote Lets You Play, Pause, Search, Repeat, Program and Shift Display Modes

Realistic CD-1600. A deluxe CD player combining improved performance, the latest styling and incredibly easy operation. In addition to a 6-digit LCD display, there is a special 16-window Music Calendar indicator that makes programming a breeze, even from across a room. Memory stores up to 16 selections for playback in the order you choose. A heavily cushioned deck mechanism and our proven Tri-Spot laser system assure accurate tracking. Two-times oversampling provides remarkably detailed, audibly superior reproduction. You also get convenient 3-way repeat—the entire disc, a single track or your programmed tracks—plus bidirectional audible search and auto-search music system for rapid access to selections. Remote requires 2 "AAA" batteries. UL listed AC. 42-5010 . . . . **249.95**

SPECIFICATIONS. Frequency Response: 5-20,000 Hz +0.5, −1.0 dB. **S/N:** 90 dB. **Dynamic Range:** 90 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:** 2¹³/₁₆ x 14³/₁₆ x 11⁷/₁₆".

Our Lowest Priced Compact Disc Player With Wireless Remote

NEW FOR 89

229⁹⁵ TSP Available

Low As $15 Per Month *

- Play, Pause, Repeat, Program and Search in Both Directions With the Wireless Remote
- Stores Up to 16 Selections in Memory for Playback in Any Sequence You Desire

Realistic CD-1700. Start enjoying digital audio today with this full-featured player. You'll have the convenience of remote control, the superior sound of 2-times oversampling, and the proven accuracy of our Tri-Spot laser tracking system. Auto-search music system and dual-speed audible search give you rapid access to selections. An 8-digit LCD display indicates number of tracks and play time of a disc when you load, then shifts to current track number and elapsed time during play. You also get repeat play of programmed selections or the entire disc, a cushioned deck mechanism and elegant low-profile styling. Like all Realistic CD players, it includes an audio cable and a detailed owner's manual. Remote requires 2 "AAA" batteries. UL listed AC. 42-5014 . . . . **229.95**

SPECIFICATIONS. Frequency Response: 5-20,000 Hz +0.5, −1.0 dB. **S/N:** 90 dB. **Dynamic Range:** 90 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:** 3 x 11 x 13¼".

Our Most Affordable! Superb Digital Sound and All the Basic Features

NEW FOR 89

199⁹⁵ TSP Available

Low As $15 Per Month *

- Program Up to 15 Selections to Play in Any Sequence You Choose
- Bidirectional Auto Search Music System Gives You Quick Access to Selections

Realistic CD-2400. Incredibly pure sound and simple operation—what a value! Even our lowest priced CD player has Tri-Spot laser tracking and a "floating" disc tray to assure precise operation. The 4-digit LED display indicates number of selections and total playing time when you load a disc, then shifts to current selection number and elapsed time during play. LED play, program and repeat indicators simplify programming. Three-way repeat lets you choose replay of your programmed selections, an entire disc or a single selection. Audible search plays the disc rapidly in forward or reverse at reduced volume to help you find selections. Auto-search music system lets you restart a selection or advance to the next one. UL listed AC. 42-5009 . . . . **199.95**

SPECIFICATIONS. Frequency Response: 5-20,000 Hz +0.5, −1.0 dB. **S/N:** 90 dB. **Dynamic Range:** 90 dB. **Harmonic Distortion:** 0.01% at 1 kHz. **Wow and Flutter:** below measurable limits. **Sampling Frequency:** 44.1 kHz. **Signal Processing Rate:** 44.1 kHz. **Size:** 3¹/₁₆ x 13¹³/₁₆ x 9⁷/₈".

REALISTIC CD PLAYERS INCLUDE AN AUDIO CABLE FOR CONNECTION TO YOUR STEREO SYSTEM

Stereo Cassette Decks and Stereo Equalizers

Auto-Reverse and Dolby* B-C NR

219⁹⁵

Low As $15
Per Month ★
TSP Available
Auto-Reverse
Plays Both
Sides of Tape

Realistic® SCT-83. Logic-controlled for smooth tape handling. Quick auto-reverse works on playback and record. Mode selector for one or both sides, or repeatable playback of both sides. Dolby B-C cuts tape hiss and extends dynamic range. Auto-stop, metal/CrO₂/normal selector, slide-action record level controls. LED indicators, 3-digit tape counter, 1/4" mike jacks and 1/4" headphone jack. UL listed AC. **14-639** **219.95**

Response: ± 3 dB: 30-17,000 Hz (metal). 30-16,000 Hz (CrO₂/Hi-Bias). 30-15,000 Hz (normal). **Wow and Flutter:** 0.06% WRMS. **S/N:** 70 dB Dolby C; 62 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4³/₈ × 17 × 11⁵/₈".

Lowest Priced Cassette With Dolby

89⁹⁵

TSP Available
Separate
Record
Level
Controls

Realistic SCT-35. All the most-wanted recording features! With Dolby noise reduction to cut tape hiss and extend dynamic range, auto-stop to protect tapes and drive components, pause control for easy editing, separate left/right record level controls and 2-color 5-LED peak level meters. Features soft-eject cassette door and metal/CrO₂/normal tape bias selector. Also has 3-digit tape counter, power-on LED, 1/4" mike jacks and 1/4" headphone jack. UL listed AC. **14-636** **89.95**

Response: ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,000 Hz (normal). **Wow and Flutter:** 0.09% WRMS. **S/N:** 64 dB (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD. **Record/Play Head:** Hard Permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₈ × 15³/₈ × 8⁵/₈".

Auto-Reverse Playback Deck

99⁹⁵

NEW FOR 89
Available Oct. 30, 1988

Low As $15
Per Month ★   TSP Available

Realistic SCP-32. Great deck for tight spaces! Dolby B noise reduction cuts tape hiss and extends dynamic range. Auto-reverse plays both tape sides. Metal-CrO₂/normal bias selector. 3³/₈ × 8¹/₄ × 5⁵/₈". UL listed AC. **14-600** **99.95**

Ideal for Background Music

Compact Cassette Playback Deck

NEW FOR 89

49⁹⁵

Available Oct. 30, 1988   TSP Available

Realistic SCP-31. Low-cost way to add cassette capability to your existing stereo system, or use in your office or dorm room where space is tight. Metal-CrO₂/normal bias selector. 3³/₈ × 8¹/₄ × 5⁵/₈". UL listed AC. **14-647** **49.95**

Ideal for Tight Spaces

Stereo Tape Control Center

24⁹⁵

Monitor, record and dub with up to three tape decks. Connects to tape monitor jacks for easy operation. Puts an end to patch cord swapping. 2¹/₄ × 6¹/₄ × 4³/₄". **42-2115** **24.95**

Stereo 8-Track Tape Playback Deck

49⁹⁵   TSP Available

Realistic TR-169. Play your 8-tracks or dub them onto cassettes. Features automatic or manual program change, output level control, program LEDs. 4 × 10 × 7". UL listed AC. **14-935** **49.95**

Ten-Band EQ With Spectrum Display

129⁹⁵

TSP Available   Low As $15 Per Month ★

90-LED, 3-color spectrum display. Built-in IMX™ Stereo Expander electronically widens the soundstage for a "live" quality. Twenty narrow-band controls boost or cut response up to 12 dB. Built-in tape control center. EQ, record and bypass buttons. 2⁵/₈ × 16¹/₈ × 8¹/₂". UL listed AC. **31-2020** **129.95**

Ten-Band EQ With IMX Stereo Expander

79⁹⁵   TSP Available

Twenty narrow-band controls let you make even small systems sound great! 12 dB boost/cut response plus IMX Stereo Expander circuit for amazing "live" sound. Linear-sliding controls, EQ button, tape monitor and bypass control. 2⁵/₈ × 16¹/₂ × 8¹/₂". UL listed AC. **31-2018** **79.95**

*TM DOLBY LABORATORIES LICENSING CORP. / IMX IS A TRADEMARK OF SCI-COUSTICS, INC.

Stereo Dubbing Dual-Cassette Decks

Logic-Controlled High-Speed Deck With Auto-Reverse

NEW FOR 89

259⁹⁵

Low As $15 Per Month *

TSP Available

- Auto Tape Selector Fine-Bias Control
- Synchro-Start Dubbing Dolby* B-C NR

Realistic SCT-84. Auto tape selector senses type of tape and selects the proper bias for best possible sound from all recordings. Bias control lets you fine-tune bias current for individual tapes. Synchro-start begins dubbing with just one button. Deck 2 is a recorder/player with instant auto-reverse. Dolby B-C NR reduces hiss, extends dynamic range. Instant reverse, sequential playback, auto-stop, record mute button. **14-646** .. 259.95

Response: ± 3 dB: 20-17,000 Hz (metal), 20-15,000 Hz (CrO₂/Hi-Bias), 20-15,000 Hz (normal). **Wow and Flutter:** 0.06% WRMS. **S/N:** 70 dB Dolby C; 62 dB Dolby B ("A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 5 × 16¹⁵/₁₆ × 12⁹/₁₆".

Hi-Speed Dual Deck with Dolby B-C

179⁹⁵

Low As $15 Per Month *
TSP Available

- Synchro-Start High-Speed Dubbing
- Sequential/Continuous-Play Mode
- Soft-Touch Controls

Realistic SCT-74. Just a light finger-touch is all it takes! High-speed dubbing works in half the normal time. Play-only deck-1 delivers superb stereo sound. Deck-2 is a recorder/player with optimum recording features. Dolby B-C noise reduction extends dynamic range, cuts tape hiss. Features metal/CrO₂/normal tape bias selection, auto-stop, pause controls. Record level controls, power/record LEDs, 3-digit tape counter, ¼" mike and headphone jacks. UL listed AC. **14-649** **179.95**

Response: ± 3 dB: 60-14,000 Hz (metal), 60-12,500 Hz (CrO₂/Hi-Bias), 60-10,000 Hz (normal). **Wow and Flutter:** 0.12% WRMS. **S/N:** 70 dB Dolby C: 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4⁵/₁₆ × 16⁹/₁₆ × 8¼".

Hi-Speed Dual Deck With Dolby B NR

149⁹⁵

Low As $15 Per Month *
TSP Available

- Soft-Eject Door Synchro-Start
- Sequential/Continuous-Play Mode
- Two-Color LED Peak Level Meters

Realistic SCT-46. Synchro-start lets you start dubbing with just one button. High-speed dubbing copies personal tapes in half the normal time. Continuous play means you can play two tapes in sequence automatically. Dolby B-C extends dynamic range, cuts tape hiss. Has full auto-stop, metal/CrO₂/normal tape bias selectors, pause control. Record level controls, power/record LEDs, 3-digit tape counter, ¼" mike and headphone jacks. UL listed AC. **14-645** **149.95**
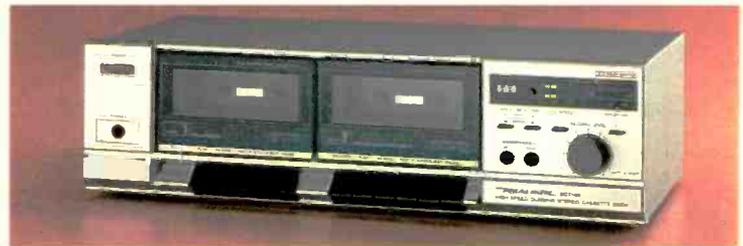
Response: ± 3 dB: 30-16,000 Hz (metal), 30-15,000 Hz (CrO₂/Hi-Bias), 30-14,000 Hz (normal). **Wow and Flutter:** 0.1% WRMS. **S/N:** 66 dB Dolby (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4¹³/₁₆ × 17⅛ × 9⅛".

Value-Priced Dual Deck With Dolby NR

129⁹⁵

Low As $15 Per Month *
TSP Available

- Sequential-Play Soft-Eject Door
- 5-LED Peak Recording Level Meters
- Synchro-Start Dubbing

Realistic SCT-45. Copies your personal tapes and also plays two tapes in sequence. Playback deck automatically selects proper tape bias. Features easy-to-use "one-button" synchro-start dubbing to start tapes at the same exact time. Dolby B extends dynamic range and cuts tape hiss. Both decks have metal/CrO₂/normal selectors, auto-stop, pause controls. Separate record level controls, 3-digit tape counter, ¼" mike and headphone jacks. UL listed AC. **14-643** **129.95**

Response: ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,500 Hz (normal). **Wow and Flutter:** 0.15% WRMS. **S/N:** 60 dB Dolby; 50 dB (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.2% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 5 × 16½ × 8".

REALISTIC TAPE DECKS INCLUDE CABLES FOR HOOKUP TO ANY SYSTEM WITH TAPE-IN OR AUX JACKS

Experience Our Finest Realistic® Speakers

Our Best! Digital-Ready 3-Way Liquid-Cooled Speaker System For Bass You Can Actually Feel

259⁹⁵ Each   Low As $15 Per Month★

- Powerful 15" Woofer Pumps Out Incredible Bass
- 5" Dynamic Midrange ■ Tuned-Port Enclosure Design
- 4" Dual Radial Super Horn Tweeter Extends Highs To 40,000 Hz for Crisp Musical Detail
- Furniture-Grade Oiled Walnut Finish

Realistic Mach Two®. High-efficiency design and high power handling combine to make it the perfect choice for today's digital audio systems! Of course, it's also great for use with Hi-Fi and stereo VCRs. The high-compliance woofer and tuned-port enclosure team up for wall-shaking bass. Midrange response is exceptionally smooth and lifelike. Wide-dispersion horn tweeter delivers clean, detailed highs for extraordinary stereo depth and realism. Ferrofluid draws heat away from tweeter and midrange voice coils to cut distortion and increase power capacity. Variable midrange and tweeter level controls let you adjust output to match room acoustics. Removable cloth grille. A great speaker—with bass you can actually *feel!* 40-4032 . . . . **Each 259.95**

Response: 25-40,000 Hz. **Power Handling Capacity:** 160 watts. **Sensitivity:** 94 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 27⁹/₁₆ x 17³/₄ x 11¹³/₁₆".

Bass-Reflex 3-Way System With Massive 15" Woofer For Deep, Accurate Bass

199⁹⁵ Each   Low As $15 Per Month★

- Digital-Ready for Today's Advanced Systems
- Tuned-Port Enclosure for Enhanced Bass Response
- Liquid-Cooled 3" Tweeter for Crisp, Clean Highs
- 5" Dynamic Midrange ■ Removable Cloth Grille
- Furniture-Grade Oiled Walnut Finish Enclosure

Realistic Optimus®-1000. High power capacity without the high-powered price! Tuned-port enclosure and huge high-compliance woofer with massive 29.9-ounce magnet team up for rich, solid low-frequency response. The midrange driver helps fill in the audio spectrum for an overall smooth, natural sound quality usually found only in much higher-priced systems. And the cone tweeter is liquid cooled to cut high-frequency distortion— this liquid cooling, combined with 100-watt power capacity, enables the system to reproduce the wide dynamic range of today's digital audio equipment. All this plus a genuine walnut veneer finish—not vinyl or plastic. Spring terminals for easy hookup. 40-1130 . . . . . **Each 199.95**

Response: 50-20,000 Hz. **Power Handling Capacity:** 100 watts. **Sensitivity:** 91 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 31⁵/₁₆ x 17⁵/₁₆ x 11⁵/₈".

Full-Range Optimus® 3-Way Speakers

Bass-Reflex 3-Way System

Value-Priced 3-Way System

159⁹⁵ Each

Low As $15 Per Month ★

119⁹⁵ Each

Low As $15 Per Month ★

NEW FOR **89**

- Powerful 12" Woofer Delivers Solid Bass Response
- 4" Midrange Driver
- 3" Tweeter
- Removable Cloth Grille
- Genuine Walnut Finish

- Efficient 10" Woofer Pumps Out Deep Bass
- 4" Midrange Driver
- Liquid-Cooled 2½" Cone Tweeter
- Removable Cloth Grille
- Genuine Walnut Finish

Realistic Optimus-900. Digital ready—handles the wide dynamic range of today's advanced digital equipment. High-compliance woofer and tuned-port enclosure combine for accurate bass response. Tweeter is liquid cooled to increase power handling capacity without adding distortion. Midrange for smooth mid-frequency response. Genuine oiled-walnut veneer enclosure. Spring terminals. 40-1121 . . . . **Each 159.95**

Response: 50-20,000 Hz. **Power Handling Capacity:** 100 watts. **Sensitivity:** 90 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 29¾ x 14 x 10⅞".

Realistic Optimus-650. Efficient bass-reflex design and high-compliance woofer team up for excellent low-end frequency response. Extended-range cone tweeter delivers crystal-clear highs. Midrange driver provides smooth mid-frequency coverage and combines with the woofer and tweeter for an overall smooth, natural sound. Oiled walnut veneer enclosure. Spring terminals. 40-1101 . . . . **Each 119.95**

Response: 60-20,000 Hz. **Power Handling Capacity:** 100 watts. **Sensitivity:** 91 dB (SPL at 1 watt/1 meter). **Impedance:** 8 ohms. **Size:** 26⅝ x 12³⁄₁₆ x 9⁹⁄₁₆"

Deluxe Speaker Stands
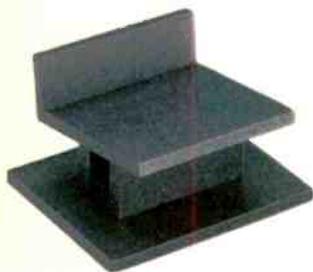
NEW FOR **89**

34⁹⁵ Pair

Better Sound From Any Speaker

Lift speakers off the floor and properly angles them for a dramatic sound improvement. Sturdy construction with stylish black finish. 7½ x 13¹⁄₁₆ x 10⅛". 40-1266 . . . . **34.95**

5-Year Limited Warranty On Speaker Systems At No Extra Cost

Realistic MC series, Nova, Minimus, Optimus and Mach Two 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 transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Hickory-Grained Cabinet

119⁹⁵

Low As $15 Per Month ★

Full-length tempered glass doors and hinged top, three adjustable shelves, storage area for LPs and tapes. Metal supports, heavy-duty swivel casters. Easy assembly. Vinyl veneer finish. 37½ x 21¼ x 17¼". 42-3029 . . . . **119.95**

Components and accessories not included

HOW POWER RATINGS ARE DETERMINED: THE FIGURES STATED WITH REALISTIC SPEAKERS INDICATE THE SPEAKER MAY BE USED WITH EQUIPMENT DELIVERING UP TO THE STATED (RMS) CONTINUOUS POWER PER CHANNEL. DRIVEN TO CLIPPING 10% OF THE TIME. ON NORMAL SOURCE MATERIAL.

Speakers for Outstanding Sound on a Budget

Popular 2-Way Mini-System in Wood or Metal Enclosure

Low As 49⁹⁵ Each

- Long-Excursion 4″ Woofer
- 1″ Dome Tweeter

(1) Realistic® Minimus-7W. Only 8″ high, yet delivers excellent bass and crisp, dazzling highs! Ideal speaker for bookshelf at home, office or college dorm. Perfect for surround-sound use. Genuine oiled walnut finish—not vinyl or plastic. Removable cloth grille. Recessed spring terminals. Handles 40 watts. $8 \times 5 \times 4^{5}/_{8}$″. **40-2039** **59.95**

(2) (3) Realistic Minimus-7. Same great features as above, except in sturdy die-cast metal enclosure. Hanger slot for wall mounting. $7^{1}/_{16} \times 4^{7}/_{16} \times 4^{5}/_{16}$″. **Silver, 40-2034. Black, 40-2030** .... **Each 49.95**

Mounting Brackets. For (2) and (3). **40-2031** ... **Pair 15.95**

(1) (2) (3)

Bass-Reflex 2-Way Speaker System

79⁹⁵ Each

- 8″ Long-Throw Woofer
- 2½″ Tweeter
- Genuine Walnut Veneer

Realistic Nova®-15. One of our best selling speakers ever! Tuned-port enclosure combined with a high-compliance woofer provides extended low-frequency response. The 2½″ wide-dispersion tweeter delivers a superior stereo image and crisp highs. Response: 60-20,000 Hz. Power handling capacity: 60 watts. $19 \times 10^{3}/_{4} \times 7^{1}/_{2}$″.
40-4034 .... **79.95**

Acoustic Suspension 2-Way System

59⁹⁵ Each

- 8″ Long-Throw Woofer
- 2½″ Cone Tweeter
- Genuine Walnut Finish

Realistic MC-1800. Value-priced system excellent for use as main speakers or as extensions. High-compliance woofer delivers an extended-range bass response. Wide-dispersion tweeter for crisp, accurate highs. Response: 70-20,000 Hz. Power handling capacity: 50 watts. Removable cloth grille. Oiled walnut veneer finish. $17^{3}/_{4} \times 10^{7}/_{8} \times 6^{7}/_{8}$″. **40-1992** **59.95**

Bookshelf-Sized 2-Way System

44⁹⁵ Each

- Efficient 6½″ Woofer
- 2½″ Tweeter
- Genuine Walnut Finish

Realistic MC-800. Delivers remarkably smooth, full-range response, yet small enough for placement on most shelves. Nice for bedroom system or extension speaker. Frequency response: 100-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Genuine walnut veneer finish. $13^{1}/_{2} \times 8^{7}/_{8} \times 5^{5}/_{16}$″.
40-1975 .... **44.95**

Compact 2-Way Walnut Veneer System

34⁹⁵ Each

- 5″ Long-Throw Woofer
- 2½″ Tweeter
- Genuine Walnut Veneer Finish

Realistic Minimus®-25. Small in size, yet this sealed-enclosure system delivers bass with a "punch." Frequency response: 90-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Recessed spring terminals allow for mounting on a flat surface. $11 \times 6^{11}/_{16} \times 4^{5}/_{16}$″.
40-223 .... **34.95**

Super-Tweeters

Easy Parallel Hookup

Piezo 12⁹⁵ Each

Dynamic 21⁹⁵ Each

Piezo. Burnout-proof! No crossover needed. Extends response to 27,000 Hz. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 75 watts. 3½″ square.
40-1380 .... **12.95**

Dynamic. Extends response to an amazing 40,000 Hz. Built-in crossover. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 50 watts. $3^{7}/_{8}$″ diameter. **40-1310** ... **21.95**

26   NOMINAL IMPEDANCE OF ALL REALISTIC SPEAKER SYSTEMS IS 8 OHMS

Our Big-Sounding Minimus® Speakers
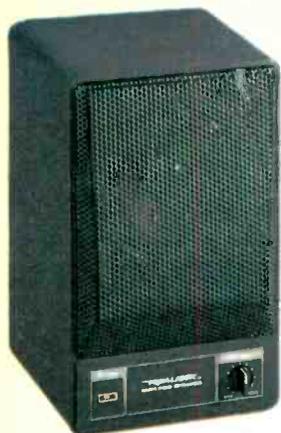
High-Power Amplified Speaker

79⁹⁵ Each

NEW FOR 89

- Full 6 Watts Total Output Power
- Auto Power-Off ■ AC Operation

Realistic Minimus 0.8. Add the external amplification you need for your electronic keyboard, or add a pair for use with a stereo FM tuner, tape deck, TV or video cassette recorder. Full-range 4" speaker delivers superb frequency response. 7¼ × 4⅝ × 4¹³/₁₆". UL listed AC.
40-1262 . . . . 79.95

Amplified Mini-Speakers For Personal Stereos

49⁹⁵ Pair

With Carry Case, Strap and Cable

Realistic Minimus-0.6. When you want to "share the music", just plug these speakers into your personal stereo's headphone jack. Instantly, you have a higher powered 3-piece micro-component system. Powered 2½" speakers with a 150-15,000 Hz response. 5⅝ × 3³/₁₆ × 3¼". Require 8 "C" batteries. 40-1259 . . . . 49.95

Amplified 2-Way Stereo Speaker System With Built-In EQ

NEW FOR 89

2-Piece System

99⁹⁵

- Perfect for Use With Your Video System

- Built-In 5-Band Graphic Frequency Equalizer for Custom Sound

- 5" Woofers and 1¼" Tweeters for Excellent Sound

- 120VAC Operation

Available Oct. 30, 1988

Realistic Minimus-0.9. Complete amplification system with 5 watts per channel output. Amplifier has built-in equalizer for customizing audio to personal taste or room acoustics. Each 2-way speaker system has 5" woofer and 1¼" tweeter. Features rotary volume and balance controls, two phono input jacks. 14 × 8 × 6½". UL listed AC. 40-1264 . . . . 99.95

Mini System Ideal for Home or Automobile

- 3" Speaker
- 5¾" High

21⁹⁵ Each

Realistic Minimus-3.5. Puts big sound in the smallest places! High-density molded enclosure for extended bass response. Power capacity: 15 watts. Steel grille. Spring terminals. 5¾ × 3⅝ × 3⅛". 40-1996 . . 21.95
Mounting Brackets. 40-1997 . . Pair 10.95

Minimus Extension Speakers

(1)
(2)
(3)
(4)
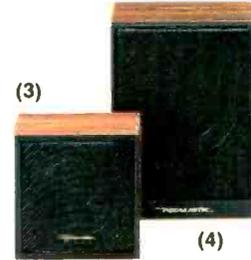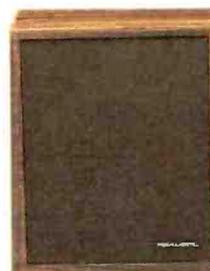
Low As

13⁹⁵ Each

- A Shape and Size for Every Place
- Choose a Pair for Great-Sounding Stereo That's Easy on Your Budget

(1) **Realistic Minimus-18.** Features 4" driver for full-range response. Handy spring terminals. Walnut vinyl veneer. 10 watts. 9⁷/₁₆ × 5¾ × 4¾".
40-222 . . . . 23.95
(2) **Realistic Minimus-3.** Extension speaker with big 5" driver gives you solid bass response. Walnut vinyl veneer enclosure. 7 watts. 10 × 8½ × 5½".
40-913 . . . . 14.95
(3) **Realistic Minimus-0.3.** Cube speaker with 3" full-range driver. Walnut veneer. 7 watts. 4 × 4 × 3⅜". 40-1250 . . . . 13.95
(4) **Realistic Minimus-2.5.** Ideal extension speaker for TV. 4" driver. Walnut vinyl veneer. 10 watts. 6⅝ × 4⅞ × 4⅛". 40-1999 . . . . 17.95

Stereo Speaker

9⁹⁵

- Micro Size
- Plugs Into Earphone Jack

Listen to your personal stereo or portable CD player, in stereo, without headphones! 1½" speakers. Plugs into ⅛" jack. 3⅛ × 3¼ × 1¼".
40-155 . . . . 9.95

Mini 2-Piece System

19⁹⁵

Separate For Better Stereo

Enjoy audio from your portable CD player or personal stereo without headphones. Dual 2½" square speakers. Plugs into ⅛" stereo headphone jack. Power capacity: 1 watt. 3⅝ × 2⅞ × 1¾".
40-165 . . . . 19.95

Our Complete Home Stereo Rack Systems

Wireless Remote

System 1200 With Remote Control, Equalizer, High-Speed Dubbing Deck, Turntable and 15" Woofers

NEW FOR 89

799⁹⁵

Low As $40 Per Month ★

Tandy Service Plan Available
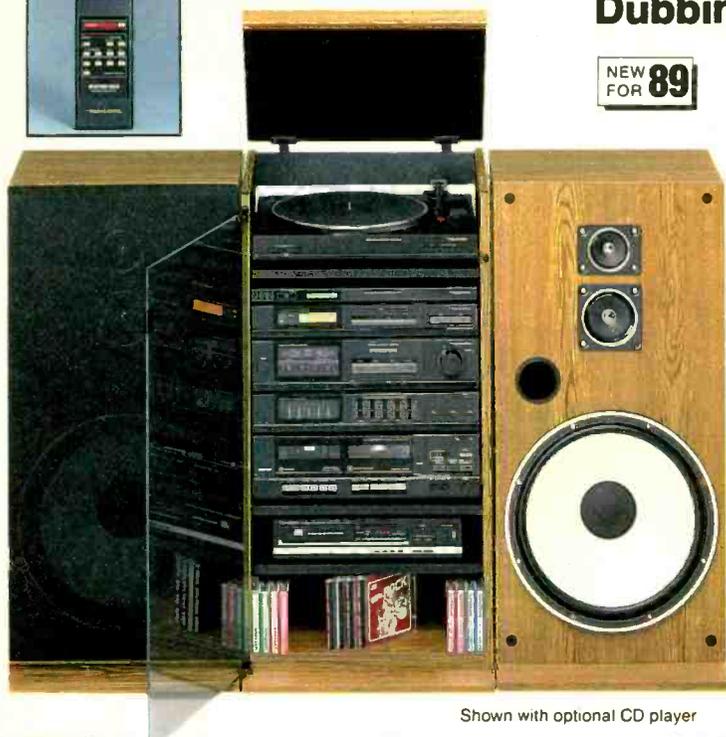
- 120-Watt Power Amplifier ▪ AM/FM Stereo Digital Tuner
- High-Speed Dual-Cassette Deck With Dolby* B NR
- 5-Band Equalizer ▪ Two 3-Way Speaker Systems
- Separate Semi-Automatic Turntable ▪ Audio Rack

Realistic® System-1200. Combines sensational high-power sound, most-wanted features, and the convenience of wireless remote control. Digital-synthesized tuner has five FM and five AM memory presets for your favorite stations, plus an easy-to-read digital display. The dubbing cassette deck makes it easy to copy personal tapes in half the normal recording time while Dolby B NR extends dynamic range and cuts tape hiss. Has auto-level for perfect-volume recording, end-of-tape auto-stop and continous-play for un-interrupted listening. The 5-band equalizer lets you adjust frequencies to room acoustics or personal taste. Two-speed belt-drive turntable is complete with magnetic cartridge and diamond stylus. Each speaker system has a 15" woofer, 4" midrange and 3" tweeter in a 36½"-high enclosure with oak veneer. Deluxe audio rack has tempered glass door, hinged top, casters for easily moving system. UL listed AC. **13-1233** **799.95**

AMPLIFIER. 120 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% total harmonic distortion. **SPEAKER SIZE:** 36½ x 17 x 13½". **RACK SIZE:** 36½ x 19 x 16". **EXTERNAL CONNECTIONS:** FM antenna, CD/aux, speakers, ¼" jack for stereo headphones, two ¼" jacks for mikes. Remote requires 2 "AA" batteries. Records and tapes not included. *TM Dolby Licensing Corp.

Shown with optional CD player

System 1000 With Frequency Equalizer, High-Speed Dubbing Deck, Turntable and 12" Woofers

NEW FOR 89

649⁹⁵

Low As $33 Per Month ★

Tandy Service Plan Available

- 100-Watt Power Amplifier ▪ AM/FM Stereo Digital Tuner
- High-Speed Dubbing Cassette Deck With Dolby* B NR
- 5-Band Equalizer ▪ Two 3-Way Speaker Systems
- Built-In Semi-Automatic Turntable ▪ Audio Rack

Realistic System 1000. Super value in a high-power "everything system". The tuner features pushbutton selection of five FM and five AM stations for instant access. You can add "punch" to certain instruments or vocals with the 5-band equalizer, or adjust sound to match room acoustics. Dual-cassette deck copies personal tapes in half the normal time and plays two tapes in sequence for extended listening in the continuous-play mode. Has synchro-start dubbing for precise duplication and auto-stop for tape protection. Also records directly from the turntable, radio or aux-input sources and accepts mikes to make "live" stereo tapes. Auto-level assures perfect-volume recordings. Two-speed belt-drive turn-table has a cue lever and comes complete with a magnetic cartridge with diamond stylus. Each speaker system has a 12" woofer, 4" midrange and 3" tweeter in a 36½"-high enclosure with oak veneer. Rack has tempered glass door, hinged top, casters. UL listed AC. **13-1232** **649.95**

AMPLIFIER. 100 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% total harmonic distortion. **SPEAKER SIZE:** 36½ x 14⁵/₁₆ x 13⁵/₈". **RACK SIZE:** 36½ x 19 x 16". **EXTERNAL CONNECTIONS:** FM antenna, CD/aux, speakers, ¼" jack for stereo headphones, two ¼" jacks for mikes. Records and tapes not included. *TM Dolby Licensing Corp.

Shown with optional CD player

GET 10% OFF ANY CD PLAYER WHEN PURCHASED WITH SYSTEM ON THIS PAGE. PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
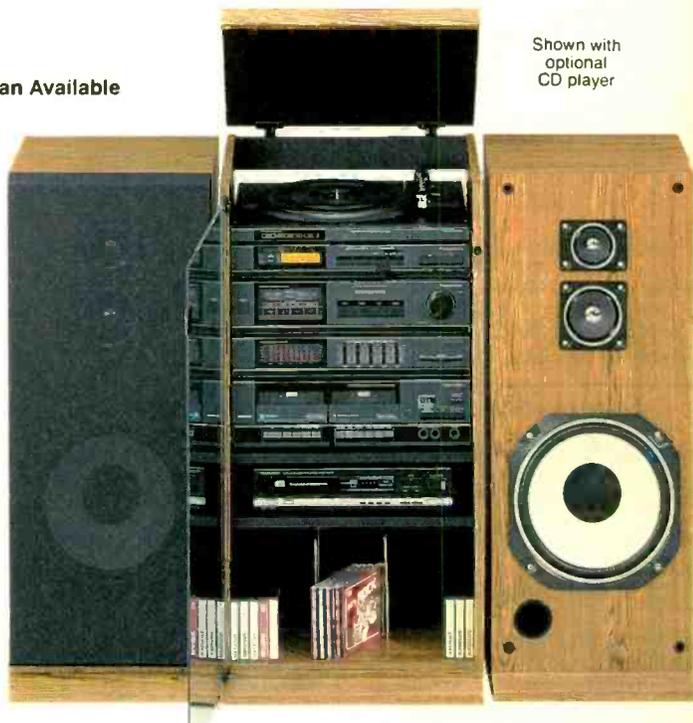
Dual-Cassette Stereo Rack Systems

AM/FM Phono With High-Speed Dubbing

299⁹⁵

Low As $15 Per Month ★
Tandy Service Plan Available

Dubbing Stereo Cassette

- ■ Amplifier With Built-In 5-Band Stereo Frequency Equalizer
- ■ AM/FM Tuner With FM-AFC
- ■ Continuous-Play Dual Cassette
- ■ Semi-Automatic Two-Speed Turntable With Cartridge
- ■ Matching 2-Way Speakers
- ■ Custom-Design Audio Rack

Recordings not included

Realistic System 200. All the popular features and components in a budget-priced package! Amplifer has built-in equalizer with slide-action controls for customizing system's sound. Tuner features a 5-step audio power meter, easy-to-read edge-lit tuning dial. Dual-cassette plays two tapes in sequence automatically while in continuous-play mode and has synchro-dubbing and auto-stop. Turntable features cue lever, hinged dust cover and ceramic cartridge with diamond stylus. Speaker systems have 6½" drivers in 28½"-high enclosures. Aux input for adding CD player or other component. Built-in antennas and terminals for 75 or 300-ohm external FM antenna. Rack has casters. 30¼ × 17¼ × 13⅜". UL listed AC. **13-1229** **299.95**

Value-Priced AM/FM Phono System

219⁹⁵

Low As $15 Per Month ★

Tandy Service Plan Available

- ■ Power Amplifier With Slide-Action Bass, Treble and Loudness Controls
- ■ AM/FM Stereo Tuner With FM-AFC
- ■ Dubbing Cassette With Auto-Level
- ■ Belt-Drive Turntable With Cartridge
- ■ Matching Speakers ■ Audio Rack

Pushbutton Function Selectors With LED Mode Indicators

Realistic System 100. Big-feature stereo at a bargain price! Amplifier has slide-action volume control and LED function indicators. Tuner features built-in AFC for drift-free FM. Dual-cassette decks make it easy to duplicate your personal cassettes, and you can play two tapes in sequence for twice the listening time. Two-speed turntable has cue lever and ceramic cartridge with diamond stylus. Speakers have 5" drivers in 27⅛"-high enclosures. Built-in antennas and terminals for 75 or 300-ohm external FM antenna. Rack has easy-rolling casters. 29⅛ × 16¹/₁₆ × 13⅜". UL listed AC. **13-1228** **219.95**
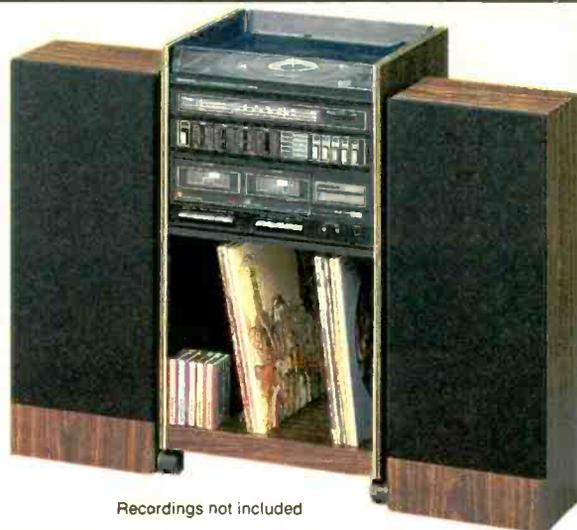
Recordings not included

Dual-Cassette AM/FM Stereo Phono System

199⁹⁵

Low As $15 Per Month ★
Tandy Service Plan Available
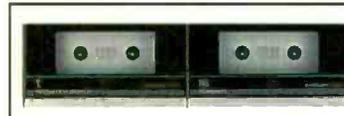
Features Dubbing Stereo Cassette

- ■ Features 2-Speed Turntable With Automatic Arm Return and Shutoff
- ■ Dual Decks Copy Personal Cassettes and Play Two Tapes in Sequence
- ■ Matching Full-Range Speakers ■ Easy to Set Up and Operate

Clarinette-122. Our budget-priced compact system with dual cassettes offers versatility, good sound and easy operation at low cost. Auto-level recording assures perfect-volume playback every time without adjustments. You can record directly from the AM/FM stereo radio or turntable while you listen, or record "live" with optional mikes. Both decks have end-of-tape auto-stop to protect cassettes and a pause control for easy editing. Belt-drive turntable has a ceramic cartridge and plays 33⅓ and 45-RPM discs. 5¹/₁₆ × 16¹⁵/₁₆ × 14⅝". LED mode indicators. Matching speakers have 5" drivers in 17"-high enclosures. UL listed AC. **13-1226** **199.95**

SYSTEMS ON THIS PAGE FEATURE WALNUT VINYL FINISH, ¼" HEADPHONE JACKS, ⅛" EXTERNAL-MIKE JACKS AND 33⅓/45-RPM TURNTABLES

Realistic® Professional-Quality Keyboards

Eight-Note Polyphonic With Full-Sized 4-Octave Keyboard

169⁹⁵

NEW FOR **89**

Low As $15 Per Month★   **TSP Available**

- One-Finger Automatic Chord Accompaniment
- With 12 Preset Sounds and 12 Rhythms
- Memory Records Melodies, Accompaniments

Concertmate®-660. Combines full-function keyboard, 12 preset rhythms with adjustable tempo. Automatic or manual chord playing. Two-button recording feature makes it easy to make your own back-up tracks. Has separate master and accompaniment volume, rhythm fill and synchro buttons for "custom" drum patterns, built-in speaker, output jack for recording, headphones or amplification, adjustable pitch, auto-shutoff. 42-4009 . . . . **169.95**

Keyboard: 49 Full size keys (4 octaves). **Preset Sounds:** Piano, Electric Piano, Pipe Organ, Jazz Organ, Electric Guitar, Vibraphone, Funky Clavinette, Violin, Trumpet, Flute, Human Voice, Synthesizer Sound. **Rhythms:** Rock (two), Reggae, Pops, 16 Beat, Disco, Slow Rock, Swing, Bossa Nova, Samba, Waltz, March. **Memory:** digital, 508 notes 667 chords. **Size:** 2¹⁵/₁₆ × 34³/₁₆ × 10³/₄". **Power:** Requires 6 "D" batteries or AC adapter.

Ten-Note Polyphonic With Dual-Tone Mixing of 20 Sounds

149⁹⁵

NEW FOR **89**

Low As $15 Per Month★   **TSP Available**

Available Sept. 30, 1988

- Percussion Accompaniment With 20 Selections
- Simplified Single-Finger Chord Playing

Concertmate-750. Dual-tone mixing combines any two preset sounds to create a new effect. Full-function keyboard with Concert Chord to play chords with one key. Features separate main and accompaniment volume controls, adjustable rhythm tempo, intro/ending and synchro/fill-in buttons. Built-in speaker, output for external amp. Adjustable pitch. Auto-shutoff conserves batteries. 42-4010 . . . . **149.95**

Keyboard: 49 mini keys (4 octaves). **Preset Sounds:** Piano, Electric Piano, Harpsichord, Organ, Pipe Organ, Jazz Organ, Jazz Guitar, Vibraphone, Funky Clavinette, Strings, Brass Ensemble, Flute, Accordion, Synthesizer-Reed, Synthesizer Ensemble, Chorus, Metallic Sound, Bells, Percussion, Bass. **Rhythms:** Rock (two), 8 Beat (two), 16 beat (two), Disco (two), Pops (two), Slow Rock (two), Swing, Reggae, Samba, Tango, Bossa Nova, Beguine, Waltz, March. **Size:** 2 × 25⁵/₈ × 7¹³/₁₆". **Power:** Requires 6 "AA" batteries or AC adapter.

Sampling 4-Note Polyphonic— Eight Presets, 11 Rhythms

89⁹⁵

NEW LOW PRICE!

Was $99.95 in 1988 catalog   **TSP Available**

- Sampling Changes Any Sound to Musical Tones
- Memory Function With One-Touch Playback

Concertmate-500. Use built-in microphone, line-in jack, or any external microphone to record (sample) your own sounds. Then, play them on the keyboard or use the eight preset sounds. Keys are also used to select output waveforms, preset rhythms or for single finger chords. Features adjustable tempo, rhythm fill, recording function. Built-in speaker, output jack, adjustable pitch and auto shutoff. 42-4004 . . . . **89.95**

Keyboard: 32 keys (2½ octaves). **Preset Sounds:** Piano, Brass Ensemble, Trumpet, Synthesized Drum, Human Voice, Flute, Pipe Organ, Jazz Organ. **Rhythms:** Rock, Pop, Disco, March, Samba, Bossa Nova, 4-Beat, Swing, Slow Rock, Waltz. **Chord:** 4-Note Polyphonic. **Size:** 1³/₄ × 18 × 6". **Power:** Requires 5 "AA" batteries or AC adapter.

Music Accessories and Light Displays
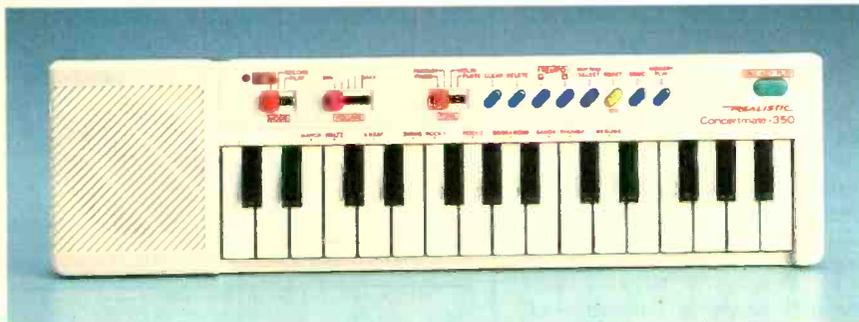
Keyboard: 29 keys, monophonic. **Preset Sounds:** Piano, Flute, Violin, Fantasy. **Rhythms:** March, Waltz, 4-Beat, Swing, Rock (two), Bossa Nova, Samba, Rhumba, Beguine. **Size:** 1³/₈ x 13⁹/₁₆ x 3¹¹/₁₆". **Power:** Requires 4 "AA" batteries or AC adapter (6VDC).

Electronic Melody Maker With 100-Note Memory

39⁹⁵   NEW FOR 89   TSP Available

Four Preset Tones and 10 Built-In Rhythms

Concertmate-350. A marvelous starter for aspiring musicians. Create a melody, change the tempo, add rhythm—as you store it all in memory. Use the keys to choose preset rhythms. Features five-position slide volume control, adjustable tempo, wrong-note delete, memory play, reset and demo buttons, auto-shutoff to conserve batteries, power-on LED. **42-4008** **39.95**

Keyboard Carrying Case

11⁹⁵
- Take Your Music Along
- Protects Your Keyboard

This handsome black case fits most Realistic electronic keyboards, plus many other brands. Sturdy vinyl protects your valuable instrument. With carry straps. 2¹⁵/₁₆ x 26¹/₂ x 8³/₄". **42-220** **11.95**

Quartz-Precision Guitar Tuner

Now You Can Tune Even In Noisy Surroundings   **27⁹⁵**

Built-In Microphone   **In/Output Jacks**   **Battery Check Switch**

No need to wait for complete silence to tune your guitar. Now you can replace a broken string and retune it in the middle of a session. Has microphone for acoustic guitars and a ¹/₄" jack for electrics. On/off/battery check switch. Tuning tolerance, ± 5 Hz. 1¹/₄ x 2¹/₈ x 5¹/₈". Requires 9V battery. **63-670** **27.95**

Psycholite® Show

13⁹⁵

Hours of Colorful Entertainment

Throws a kaleidoscope of colors on walls, ceiling and floor as it rotates. 6¹/₂" high. UL listed AC. **42-3018** **13.95**

High-Intensity Strobe

34⁹⁵

Fascinating! Wide-angle strobe with variable flash "freezes" motion. Walnut vinyl finish. 7⁹/₁₆ x 7⁹/₁₆ x 4³/₄". UL listed AC. **42-3009** **34.95**

Illuma-Storm High-Energy Light Display

Was $149.95 in 1988 Catalog

NEW LOW PRICE!   **119⁹⁵**

Low As $15 Per Month ★
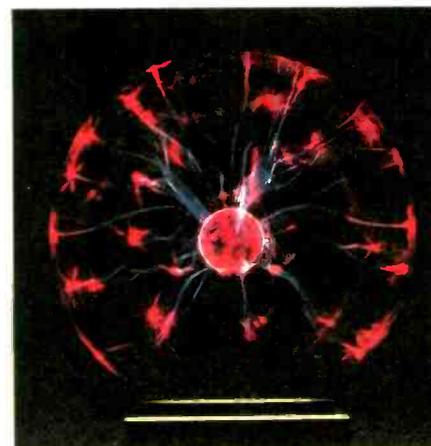
Filled with a mixture of very rare but safe gases, the glass globe contains constantly changing patterns of colorful lightning bolts created by a high energy field. Touch the globe with your hand and it will attract the lightning, letting you actually sculpt it. Or switch to "Audio" and the built-in microphone causes the lightning to respond to voice or music—a truly stunning effect when listening to your favorite music! Intensity and focus controls vary the display of lightning patterns. 14" high. UL listed AC. You have to see it to believe it! **42-3035** **119.95**

Three-Color Traffic Light Display

35⁹⁵

Add flash to your dance! Random color switching. Faceted reflectors intensify effect. 17 x 6 x 5¹/₄". UL listed AC. **42-3026** **35.95**

Revolving Red Light

31⁹⁵

Liven Up Your Next Party

Just like the ones used in most dance clubs. A bright way to add color to any get-together. 7" high. UL listed AC. **42-3040** **31.95**

Tweeter and Midrange Replacement Speakers

Dual Radial Super Horn Tweeter

16⁹⁵

Designed For Wide Dispersion Of Highs

Specially designed 4" tweeter has extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 db (1W/1M). 8 ohms.
40-1377 . . . . **16.95**

Acoustic Lens Tweeter

12⁹⁵

Detailed Highs to 25,000 Hz

State-of-the-art 3" tweeter is designed for excellent sound and imaging. Response: 5-25 kHz. Power handling capacity: 35 watts. SPL: 95 dB (1W/1M). 8 ohms. **40-1388** **12.95**

Hi-Output Piezo Tweeters

(1) (2)

These tweeters use a ceramic driver element in place of voice coil and magnet for lower mass and higher efficiency.

Fig	Type	Cap in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Cat. No	Each
1	2 × 6" Horn	75	2-25	94	40-1379	14.95
2	3¾" w/Dome	75	4-20	91	40-1382	8.95

Dynamic Tweeters

9⁹⁵ Radial Horn

15⁹⁵ Horn

Wide, controlled dispersion. 8 ohms.

Type	Cap. in W	Eff. Range (kHz)	SPL 1W/ 1M	Mag. Wt. (Oz)	Cat No	Each
2¼"	50	6-16	98	2.75	40-1278	9.95
2 × 6"	60	5-17	96	2.75	40-1228	15.95

Mylar Dome Tweeter

14⁹⁵

Detailed Stereo Imaging

Wide-dispersion 1" tweeter reacts quickly to input for excellent transient response. 8 ohms.

Cap W in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)	Cat. No
40	6-20	87	5.4	40-1276

Efficient Piezo Tweeters

(1) (2)
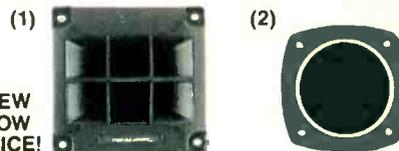
NEW LOW PRICE!

Was 13.95 in 1988 Cat.

Ceramic driver element for high efficiency.

Fig.	Type	Cap in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
1	3½" Cellular Horn	75	5-25	95	40-1395	12.95
2	2" for Home/Car	75	5-25	93	40-1383	4.95

Midrange Speakers

(1)
10⁹⁵

(2)
19⁹⁵

(1) Dynamic 3" Midrange/Tweeter. Response: 700-20,000 Hz. 30 watts. SPL: 89 dB (1W/1M). Magnet: 3 oz. 8 ohms. **40-1289** **10.95**
(2) Wide-Dispersion Soft-Dome 4" Midrange. Response: 1.5-10 kHz. 70 watts. SPL: 86 dB (1W/1M). Magnet: 10.8 oz. 8 ohms. **40-1281** . . .**19.95**

Dynamic Cone Drivers

(1)
1³⁄₄" Tweeter

(2)
Liquid-Cooled 4" Midrange

Extend high and mid-frequency response. Power handling capacity: 50 watts. 8 ohms.

Fig.	Cap. in W	Eff Range (kHz)	SPL 1W/ 1M	Mag. Wt. (Oz.)	Cat. No.	Each
1	50	5-20	91	2	40-1270	6.95
2	50	1.5-11	92	2.8	40-1282	9.95

Universal Crossovers

7⁹⁵ Two Way

14⁹⁵ Three Way

Two Way. 2000 Hz, 2500 Hz or 4000 Hz. Six dB/octave. 100 watts. **40-1296** **7.95**
Three Way. 800/5000 Hz, 800/7000, 1600/5000 Hz, 1600/7000 Hz. Six dB/octave. 100 watts.
40-1299 . . . .**14.95**

Mono L-Pad Controls

9⁹⁵
75-Watt Peak

5⁹⁵ 25-Watt Peak

Control the volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure, even in a different room from your audio system.
75 Watt. **40-977** 9.95
25 Watt. **40-980** 5.95

Stereo L-Pad Controls

15⁹⁵
75-Watt Peak

9⁹⁵
25-Watt Peak

Control the volume of two 8-ohm speakers from any convenient location. Easy to install by yourself in most standard electrical wallboxes.
75 Watt. **40-978** 15.95
25 Watt. **40-979** 9.95

Wall Brackets

3³⁹ Pair

Each supports up to 50 lbs. With hardware for mounting of two speakers. **40-150** . . . **Pair 3.39**

Ceiling Grilles

Low As 4⁴⁹

4". **40-1220** 4.49
8". **40-1223** 5.49

Fiberglass Insulation

3¹⁹

Easy to install. One square yard.
42-1082 . . . .3.19

Fuse Holder

1⁸⁹

Provides low-cost overload protection for your speakers.
270-1210 . . . . . .1.89

VISIT YOUR NEARBY RADIO SHACK STORE FOR ASSISTANCE IN SELECTING THE RIGHT REPLACEMENT SPEAKER

Speakers and Custom System Accessories

Revolving Credit Available See Page 3

Speaker Selector Switch

695

Handles Four Speakers

Controls two pairs of stereo speakers. Select pair one, pair two or both. Metal case with predrilled tabs. With mounting hardware.
40-130 . . . . 6.95

3-Way Switch Box

1695

Controls Up to Six Speakers

Controls three pairs of speakers from one location. Rated at 10 watts. Simulated-walnut finish. **40-125** 16.95

Hi-Power Switch Box

NEW FOR **89**

3195

Controls Up to Eight Speakers

Designed to handle higher powered amplifiers/receivers. Built-in impedance-protection circuit. Up to 100 watts peak. **40-136** 31.95

Speaker Wall Jacks

319 **3**29

Fits Standard Wallbox

Hook up speakers anywhere. Includes two phono plugs, mounting hardware. **40-981** 3.19
Two color-coded terminals. **40-975** 3.29

Foam Speaker Grille
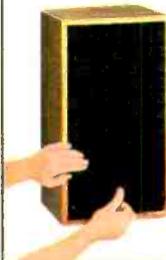
695 Each

Acoustically Transparent

Trim for custom fit. With fasteners. $17 \times 23\frac{1}{2} \times \frac{3}{4}$".
Brown. 40-1946 . . . . . 6.95
Black. 40-1951 . . . . . . 6.95

Speaker Grille Cloth

Acoustically transparent, shrink and fade resistant. Color-fast.

(1)   (2)   (3)

Fig	Description	Size	Cat. No.	Each
1	Deluxe Brown	36 × 34"	40-1936	6.99
2	Deluxe Black	36 × 34"	40-1935	6.99
3	Basket Weave	36 × 32"	40-1949	5.99

Wide-Range Speakers

Low As **1**99

8 Ohms

Popular for All Kinds of New or Replacement Use

Size	Cap. in W	Magnet Wt. (Oz.)	Cat. No.	Each
3"	2.0	0.4	40-248	2.49
2¼"	0.5	0.4	40-246	2.19
2"	0.5	0.4	40-245	1.99

Wide-Range 6" Speakers

Low As **5**95

For new/replacement use. 8 ohms.

Size	Cap. in W	Eff Range (Hz)	Magnet Wt. (Oz.)	Cat. No.	Each
6" w/Whizzer	20	55-12K	9.8	40-1285	15.95
6"	5	90-12K	2.8	40-1242	5.95

Full-Range 8" Speakers

(1)   (2)

Top quality sound. 8 ohms.

Fig.	Cap. in W	Eff. Range (Hz)	F_0 (Hz)	SPL 1W/1M	Mag. Wt. (Oz)	Cat. No	Each
1	10	75-25K	75	88	2.8	40-1271	6.95
1	10	90-20K	90	87	5.3	40-1272	8.95
2	30	57-16K	57	93	9.4	40-1286	17.95

Long-Throw 4" Woofer

1395

Long-throw cone excursion for solid bass. Color-coded terminals. 8 ohms.
40-1022 . . . . 13.95

Cap. in W	Eff Range (Hz)	F_0 (Hz)	Q_{TS}	V_{AS} (ft.³)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)
10	55-5000	55	35	.23	84	8

Polypropylene 6½" Woofer

1695

Superb choice for bookshelf-size systems. 8 ohms.
40-1011 . . . . 16.95

Cap. in W	Eff Range (Hz)	F_0 (Hz)	Q_{TS}	V_{AS} (ft.³)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)
50	50-6000	50	.60	2.6	89	10

Foam-Surround 8" Woofers

Low As **22**95 NEW FOR **89**

Deliver smooth and solid bass response. 8 ohms.

Cone	Cap. in W	Eff. Range	F_0 (Hz)	Q_{TS}	SPL 1W/1M	Mag (Oz.)	Cat. No	Each
Paper	50	45-2500	50	58	91	16	40-1016	22.95
Poly	50	40-3000	35	48	89	10	40-1024	24.95

Foam-Surround 10" Woofer

2795

Long-throw cone for solid bass. Coded terminals. 8 ohms. **40-1331** 27.95

Cap. in W	Eff. Range (Hz)	F_0 (Hz)	Q_{TS}	V_{AS} (ft.³)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)
50	40-5000	40	.93	4.3	91	9

Polypropylene 15" Woofer

4995 NEW FOR **89**

Bass you can feel. Burnout resistant. 8 ohms.
40-1301 . . . . 49.95

Cap. in W	Eff. Range	F_0 (Hz)	Q_{TS}	SPL 1W/1M	Mag Wt. (Oz.)
100	30-1500	20	45	92	24.4

15" Instrument Speaker

4795 NEW FOR **89**

A popular choice of demanding musicians. Designed for heavy-duty use. 8 ohms.
40-1319 . . . . 47.95

Cap. in W	Eff. Range	F_0 (Hz)	Q_{TS}	SPL 1W/1M	Mag Wt. (Oz.)
100	70-3000	78	95	97	27.6

SEE PAGE 50 FOR OUR SELECTION OF REPLACEMENT AUTOSOUND SPEAKERS

Hi-Performance Phono Cartridges and Styli

V15 Type RS—The Ultimate in Analog Stereo

- 5-30,000 Hz Frequency Response
- Precision High-Frequency Tracking

NEW FOR 89 **79⁹⁵**

Realistic/Shure V15 Type RS. There's no other cartridge like it at this low price! Brings new brilliance to records with its ultrawide response, transparent sound quality, 30-dB channel separation and advanced moving-magnet design. Tracks at only 1.25 to 1.75 grams. Dynamic stabilizer and viscous damping for precise tracking of warped records and stylus protection. Upgrade to the best, for less! 42-2800 . . . . **79.95**

We Can Get Those Hard-to-Find Styli And Cartridges

Hundreds Of Types Available!

No Extra Charge For This Service!

Our "Hotline Service" can get most replacement styli and cartridges delivered to your nearby Radio Shack store fast! If the type you need isn't shown here, ask your Radio Shack store manager to order it for you.

Super Performer
49⁹⁵
Realistic/Shure RXT6
Elliptical diamond stylus. Tracks 1.25-1.75 gr. 25 dB separation.
42-2795 . . . . 49.95

Ultralight Tracker
29⁹⁵
Realistic/Shure RXP3
Elliptical diamond stylus. Tracks 1.25 gr. P-mount.
42-2790 . . . . 29.95

Quality Sound
26⁹⁵
Realistic/Shure R47XT
Like R25XT, plus lighter 1.75-2.25 gr. tracking force. 20 dB sep. 42-2778 . . . . . . 26.95

High-Value Hi-Fi
19⁹⁵
Realistic/Shure R25XT
Elliptical diamond stylus. 20-20,000 Hz. Tracks at 2.5-3.5 grams. 42-2777 . . . . 19.95

Diamond Styli for Realistic/Shure Phono Cartridges

24⁹⁵
R8X
Replaces R1000, Shure M90, M75, T-2 series.
42-2783 . . 24.95

19⁹⁵
RS3P
Replaces RXP3 stylus and Shure M92E, M99E and M104E.
42-2791 . . 19.95

17⁹⁵
R5X
Replaces R47, Shure M70 and M75 series.
42-2781 . . 17.95

14⁹⁵
R3X
Replacement stylus for R25, Shure M71 and M75ECS series cartridges.
42-2780 . . . 14.95

Realistic/Stanton
Professional Series
29⁹⁵
RS500DJ Cartridge. Ideal for DJ back-cueing and scratch-mixing. 2-5 gram tracking. 20-20,000 Hz. 42-2794 . . 29.95

R500DJ Stylus
Realistic/Stanton
19⁹⁵
Diamond Elliptical. Replacement for the RS500 DJ. Broadcast and disco applications. 42-2793 . . . . . . 19.95

RX1500 Cartridge
29⁹⁵
Diamond Elliptical Stylus. Dual-magnet plug-in cartridge tracks at 1-1.5 grams. 15-25,000 Hz.
42-2775 . . . . 29.95

RT1500 Stylus
19⁹⁵
Diamond Elliptical. Tracks at 1-1.5 grams. For RX1500, Audio-Technica AT-102P, 102, 112 and 122EP cartridges.
42-2776 . . . . 19.95

Values in Diamond Replacement Styli

3⁹⁹ Each

(1) (2) (3) (4) (5)
(6) (7) (8) (9) (10) (11)
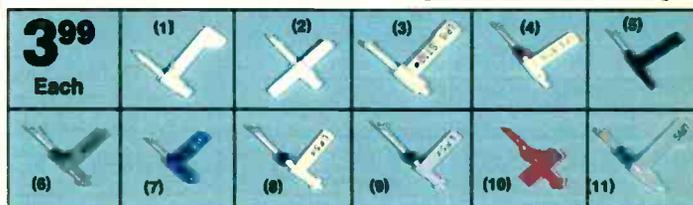
Each Stylus Shadowgraphed for Uniform Quality and Response

ASTATIC

Fig.	Cat. No.	Model	Cartridge or Stylus No.
1	42-2804	RS-67	140, 142 Stereo
2	42-2900	RS-120	N-50, 51, 56, 58, 62, 63, 68, 70, 72, 76

BSR

Fig.	Cat. No.	Model	Cartridge or Stylus No.
3	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H.
4	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21

ELECTRO-VOICE

Fig.	Cat. No.	Model	Cartridge or Stylus No.
5	42-2890	RS-109	168, 169, 275, 277

TETRAD

Fig	Cat. No.	Model	Cartridge or Stylus No.
6	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, 20HD
7	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
8	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T20MD
9	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-01/2/3, T3, 30MD
10	42-2901	RS-204	T50HD

VARCO

Fig	Cat. No.	Model	Cartridge or Stylus No.
11	42-2839	RS-141	TN4A, TN4B

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

Money-Saver
16⁹⁵
Diamond Conical. Magnetic. Tracks at 3.5 grams. 20-20,000 Hz.
42-2772 . . . . . . 16.95

RSK8C Stylus
10⁹⁵
Diamond Conical. For QLM30 and ADC K-series cartridges.
42-2771 . . . . 10.95

DAT-2 Stylus
11⁹⁵
Diamond Conical. For Pickering V15/AT-1/2, KLH, similar types.
42-2484 . . . . . . 11.95

ATN-771E
10⁹⁵
Diamond Elliptical. Stylus fits Audio Technica AT-70/71/71E.
42-2774 . . . . . . 10.95

PS-203 Stylus
5⁹⁵
Diamond. For Clarinette-14/15/16 and #13-1117/1118. General replacement #7848-D. 42-2797 . . 5.95

Sapphire Kiddie Needles
2²⁹ Pkg. Of 2
Low-cost replacements for Radio Shack and other brands of youngsters' manual phonos.
42-2750 . . . . 2.29

---

34 ALL STEREO PHONO CARTRIDGES ON THIS PAGE ARE OF MOVING-MAGNET DESIGN

Radio Shack–Your Best Cable Connection

Gold-Plated Patch Cables

9⁹⁵

Our Finest Audio Cables

Minimum loss 3½-foot stereo cable with four plated plugs. 42-2601 . . . . 9.95

Patch Cables

Low As **6⁹⁹**

Color-coded phono plugs. 3¼-Ft. 42-2354 . . . . . 6.99 6½-Ft. 42-2355 . . . . . 8.89

Audio Cable Set

4⁶⁹ Set of Four

Shielded to prevent hum and reduce signal loss. Three feet long. 42-2309 . . . . Set 4.69

Patch Cords

Low As **3²⁹**

Feet	Cat. No.	Each
3	42-2351	3.29
6	42-2352	4.19

Patch Extension

3³⁹

Lengthens cables. Two phono plugs to two phono jacks. Three feet. 42-2353 . . . 3.39

FM Antenna

2⁹⁹

Dipole. Spade lugs connect to receiver's 300-ohm antenna terminals. 42-2385 . . . . 2.99

Stereo Y-Adapter

5⁸⁹

Record from headphone jack. ¼″ plug and two phono plugs. Six feet. 42-2474 . . . . 5.89

DIN Cord

4⁹⁹

Six-foot shielded cable with 5-pin, male DIN connectors. 42-2151 . 4.99

Mini Y-Adapters

Low As **4³⁹**

Hook portable to home stereo. ⅛″ plug to two phono plugs. 3 Ft. 42-2475 . . . . 4.39 6 Ft. 42-2481 . . . . 4.99

Dubbing Cords

Low As **3³⁹**

(1) ⅛″ earphone to ⅛″ mike jack. 42-2152, 3.39
(2) Tape-out phono plug to ⅛″ mike plug. 42-2461 . . . . 3.89

Shielded Cable

NEW FOR 89 **3⁴⁹**

Six-inch cable with ⅛″ stereo plugs on each end. 42-2387 . . . . 3.49

Cables With ⅛″ Mini Plugs
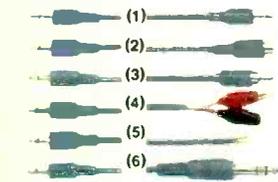
Low As **1⁹⁹**

8-Foot ■ Shielded

Fig.	Description	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	42-2472	3.19
3	Mini Phone Plug to Phono Plug	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	42-2157	3.99

With Phono Connectors

Fig.	Description	Feet	Cat. No.	Each
1	Phono Jack to Phono Jack	6	42-2358	2.49
2	Phono Plug to Phono Jack	3	42-2361	2.29
2	Phono Plug to Phono Jack	6	42-2362	2.39
2	Phono Plug to Phono Jack	12	42-2363	3.19
3	Phono Plug to Phono Plug	1½	42-2365	1.79
3	Phono Plug to Phono Plug	3	42-2366	1.89
3	Phono Plug to Phono Plug	6	42-2367	2.39
3	Phono Plug to Phono Plug	12	42-2368	3.29
4	Phono Plug to Stripped, Tinned Wire	3	42-2370	1.69
4	Phono Plug to Stripped, Tinned Wire	6	42-2371	1.89
4	Phono Plug to Stripped, Tinned Wire	12	42-2372	2.19

Cables With ¼″ Phone Plug
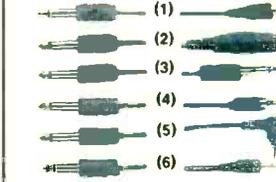
Low As **2⁸⁹**

Shielded

Fig	Description	Feet	Cat. No.	Each
1	Phone Plug to Phono Jack	6	42-2377	2.89
2	Phone Plug to Inline Jack	12	42-2378	4.19
3	Phone Plug to Phone Plug	6	42-2381	3.29
4	Phone Plug to Phono Plug	6	42-2373	3.19
5	Phone Plug to 90° Phono Plug	6	42-2440	2.89
6	Phone Plug to Mini Plug	6	42-2433	2.89

Phono Plug Y-Adapters

Low As **2²⁹**

Shielded Cables to Prevent Signal Loss

(1) Two phono plugs connected to one phono jack with 4″ cables. 42-2435 . . . . 2.79
(2) One phono plug connected to two phono jacks with 3″ cables. 42-2436 . . . . 2.69
(3) Two phono plugs connected to one phono plug with 4″ cables. 42-2438 . . . . 2.29

Assorted Y-Adapters

(1) Two RCA phono plugs, one ⅛″ mini phone plug. 9″ shielded cables. 42-2153 . . . . 2.29
(2) One ⅛″ mini plug, two RCA phono jacks. 9″ shielded cables. 42-2154 . . . . 2.29
(3) Two RCA phono jacks, one ¼″ phone plug. 5¾″ shielded cables. 42-2150 . . . . 2.29
(4) Three-conductor (stereo) ¼″ phone jack, two RCA phono plugs. 42-2471 . . . . 3.79
(5) Two RCA phono jacks, one three-conductor (stereo) ¼″ phone plug. 42-2477 . . . . 2.59

Mike Cable and Y-Adapter

5⁹⁹   **3⁵⁹**

25-Foot Shielded Mike Extension. ¼″ jack to ¼″ plug. 42-2379 . . . . 5.99
Y-Adapter. ¼″ jack, two ¼″ plugs. 42-2156 . . . 3.59

Guitar Cords

6⁹⁹   **4⁹⁹**

Retracts from 15 feet to 3 feet. Straight ¼″ plug to 90°, ¼″ plug. 42-2473 . . . . 6.99
Extends to 12 feet. Two right angle (90°) ¼″ plugs. 42-978 . . . . 4.99

Pin-Connector Speaker Cables

4⁶⁹

Low-loss 24-foot, 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminals. 42-2455 . . . . 4.69

Plug-to-Lug Cables

Ft.	Gauge	Cat. No.	Each
24	24	42-2450	2.29
12	24	42-2449	2.19

⅛″ Plug-to-Lug Cable

2¹⁹

⅛″ mini phone plug to color-coded lugs. 12-foot, 24-gauge cable. 42-2454 . . . . . . 2.19

Lug-to-Lug Cables

Ft.	Gauge	Cat. No.	Each
24	24	42-2446	2.09
12	24	42-2447	1.59

24-Ft. Speaker Cables
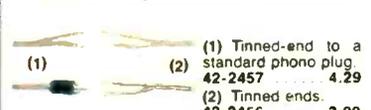
(1) Tinned-end to a standard phono plug. 42-2457 . . . . . 4.29
(2) Tinned ends. 42-2456 . . . . . 3.99

Phono Plug Cables

Low As **2⁶⁹**

RCA Plugs On Ends

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

SEE PAGES 128 AND 129 FOR ADDITIONAL ADAPTERS AND CONNECTORS

All You Need in CD and Phono Accessories

Electronic Stereo Reverb System

59⁹⁵

Adds Dimension to Your Stereo System

Features adjustable mike mixing input for great sing-along effects, depth and delay controls and reverb record and tape monitor buttons. Reverb expander enhances spacial effect. 1/4" mike jack, power-on LED. 1⅞ × 8⅛ × 5¾". Simulated woodgrain. UL listed AC. **42-2108** **59.95**

15-Segment LED Audio Power Meter

24⁹⁵

Dual Range! 2-Watt & 200-Watt

Continuously monitors amplifier output to speakers. Helps prevent power overload. Features 15 fast-response left and right-channel LED indicators, and range control switch. Springclip terminals for easy connection to your system. 2 × 5⅝ × 3". UL listed AC. **42-2107** **24.95**

Compact Disc Cleaner

12⁹⁵ Protect Your CD Collection

Helps eliminate "skipping" caused by fingerprints and dirt. With cleaning pad, fluid, brush. **42-116** **12.95**

CD/Cassette Tote Bag

9⁹⁵

Holds 10 CDs Or 18 Cassettes

Take your favorite tunes with you in this sturdy, padded nylon protective tote bag. Shoulder strap adjusts for comfort. **44-687** **9.95**

Magnetic Cartridge Stereo Preamp

24⁹⁵
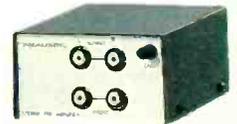
Adapts equipment having only aux or ceramic phono inputs to accept magnetic-cartridge turntables. UL listed AC. **42-2109** **24.95**

Replacement Compact Disc Jewel Boxes

2⁹⁹ Package of Two

Replace scratched, cracked or lost jewel boxes. **42-122** **2.99**

CD Storage Rack

NEW FOR **89**

5⁹⁵

Holds 25 CDs

Vertical storage. Durable molded construction. **42-215** **5.95**
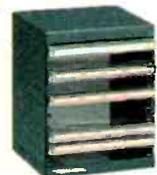
CD Storage Rack

5⁹⁵

Holds 10 CDs

Molded case stores 10 CDs in their jewel boxes. **42-214** **5.95**

Take-Along CD Case

9⁹⁵

Holds six CDs, without jewel boxes, in fabric case. **42-213** **9.95**

Record and Stylus Care Kit

3⁹⁹

Cleans records and stylus tip. With fluid, storage case. **42-140** . . **3.99**

Carbon-Fiber Brush

4⁹⁵

Anti-Static

Over a million carbon fibers clean records. **42-118** **4.95**

Budget Hydro-Stor

4⁹⁵

Protects Records

Velvet-surfaced cleaner with wood handle and fluid. **42-101** **4.95**

Deluxe Hydro-Stor

9⁹⁵

Cuts Static And Cleans

Creates a field of humidity that cuts static as it cleans. **42-102** . . . **9.95**

Replacement Headshell

5²⁹

Low Mass

Fits most S-shaped tonearms. **42-2752** **5.29**

Stylus Cleaner

2¹⁹ Prolongs Record Life

Safely removes lint and dust from stylus. **42-1084** **2.19**

Anti-Static Fluid

1⁹⁹ Controlled Flow Tip

Safely cleans records and styli. Helps cut static. **42-105** **1.99**

LP Spray Cleaner

1⁸⁹ With Cloth

Effectively removes dust and dirt. Helps cut static. **42-2500** **1.89**

45-RPM Adapter

49¢

Play 45-rpm records on any standard phono spindle. **42-120** . . . . **49¢**

Phono Mat

Low As

79¢

Reduce rumble.
10". **42-360** . . . . **79¢**
12". **42-361** . . . . **99¢**

Phono Mat

3⁹⁵

Anti-Static

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

"Single" Sleeves

2²⁹

Pack of 20

Keeps your 45s dust-free and reduces scratching. **42-142** **2.29**

Album Sleeves

2⁶⁹

Pack of 10

Protects your LPs from dust. Replaces torn or lost sleeves. **42-132** **2.69**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Audio Equipment for That "Studio" Sound

Deluxe Five-Channel Stereo Mixer With Three "Pan" Pot Mike Controls

TSP Available

Inputs for Three Mikes, And Two Magnetic/Ceramic Turntables Or Two Tape Decks

119⁹⁵

Low As $15 Per Month ★

Our finest mixer! Use this professional-feature mixing console to record from multiple sources or control audio at "live" performances. "Pan" pots adjust each mike's apparent position in the stereo image. Features our exclusive Glide-Path® fader controls on all channels, and two lighted meters for signal monitoring. Separate jacks for tape recording and main line-out, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons and mono/stereo switch. Frequency response, 10-30,000 Hz. 2³/₄ x 10³/₄ x 8¹/₂". UL listed AC. 32-1200 . . . . **119.95**

Low-Cost Four-Channel Stereo Mixer For Quality "Live" and Recorded Mixes

69⁹⁵   **TSP Available**

- Mix a Tape Deck, Two Mikes and Two Turntables
- AC or Battery Power ■ Battery Test Button
- Dual Input Meters ■ Headphone Jack

Make recordings or mix "live" sound like the professionals with this value-priced mixer. Features Glide-Path channel faders, dual VU meters for monitoring input levels, two magnetic/ceramic phono inputs, stereo microphone input, tape and line outputs, cue/monitor, 1/4" mike jacks. Mono/stereo mode switch permits mono signal on both output channels. Headphone monitoring jack. Built-in battery tester. 20-20,000 Hz. 2³/₄ x 10¹/₂ x 7¹/₂". Requires 4 "AA" batteries or AC adapter. 32-1100 . . . . **69.95**
AC Adapter. UL listed. 273-1454 . . . . **7.95**

Stereo Mike/Line Audio Mixer

27⁹⁵

- Stereo/Mono Switch for Custom Sound Selection
- Mixes Up to Four Mikes or Line Inputs Simultaneously

Ideal for recording like a professional from multiple sources or adding extra inputs to a PA system. Features Glide-Path faders on all four channels for smooth volume changes, battery-test LED indicator. Mike level output. 2³/₄ x 8³/₄ x 5". Requires 9V battery. 32-1105 . . . . **27.95**

Electronic Reverberation Control

39⁹⁵

- Jacks for Tape Deck/Mike/Guitar
- Adjustable 5-95mS Delay

Adds echo and reverb effects to "live" vocals, recordings or amplified instruments. Jacks for line-in, line-out and 1/4" mike in/out. Monaural circuit. 2¹/₂ x 6⁵/₈ x 4³/₄". Requires 6 "AA" batteries. 32-1110 . . . . **39.95**
AC Adapter. UL listed. 273-1455 . . . . **7.95**

Realistic® Headphones for Dramatic Stereo

49⁹⁵ **39⁹⁵** **34⁹⁵**

Digital-Ready for the Ultimate in Sound

Realistic PRO-60. Our best full-size headset! Soft variable-density earcushions. "Acoustic resonance" design for solid bass with open, transparent midrange and treble. Total harmonic distortion is less than 0.5%. 15-30,000 Hz frequency response. With 10-ft. coiled cord, ¼" plug. **33-999** . . . **49.95**

Realistic LV-10. Unique electro-acoustical design and 2" dynamic elements for clear, clean sound. Foam earcushions. 20-20,000 Hz. Has 10-ft. coiled cord, ¼" plug. **33-1004** . . . **39.95**

Realistic Nova-65. Features side-mounted slide-action controls for adjusting volume and balance from your chair. Rugged mylar drivers, foam-filled earcups, adjustable headband. 20-20,000 Hz. With 10-ft. coiled cord, ¼" plug. **33-1023** . . **34.95**

29⁹⁵ **24⁹⁵** **19⁹⁵** **15⁹⁵**

Rich Stereo Listening At Great Low Prices

Realistic Nova®-55. These lightweight phones have low-mass drivers that deliver excellent transient response. 20-20,000 Hz. With 10-ft. coiled cord, ¼" plug. **33-2004** **29.95**

Realistic Nova-40. Big 3½" drivers produce full-range stereo. Cushioned earcups and adjustable headband. 30-18,000 Hz. Has 10-ft. coiled cord, ¼" plug. **33-993** **24.95**

Realistic Nova-16. Exclusive Glide-Path® volume/balance controls. Adjustable headband and air-cushion earpads. 50-15,000 Hz. With 6½-ft. cord, ¼" plug. **33-1019** **19.95**

Realistic Nova-10. 2" drivers deliver full bass. 50-15,000 Hz. Has 6½-ft. cord, ¼" plug. **33-1012** **15.95**

24⁹⁵ **19⁹⁵** **15⁹⁵** **13⁹⁵**

Lightweight Headphones For Personal Portables

Realistic Nova-45. Rare-earth magnets deliver deep bass. Weighs 3.3 oz. 20-20,000 Hz. Has 6½-ft. cord, ⅛" plug. Includes ⅛" to ¼" adapter. **33-1021** **24.95**

Realistic Nova-52. Folds up for easier carrying. Weighs 2.5 oz. 50-20,000 Hz. Has 6½-ft. cord, ⅛" plug. **33-979** **19.95**

Realistic Nova-37. Rests comfortably inside ear for a secure fit—just the thing for active people. Adjustable headband. Only 2 oz. 50-20,000 Hz. Has 45" cord, ⅛" plug. **33-2003** . . **15.95**

Realistic Nova-35. Foam earpads and adjustable headband. Weighs less than 4 oz. 50-20,000 Hz. Has 5-ft. cord, ⅛" plug. Includes ⅛"-to-¼" adapter. **33-1035** **13.95**

10⁹⁵ **7⁹⁵** **5⁹⁵** **15⁹⁵**

Fold-Up Design

Fits in Your Ear

Budget Stereo Headphones

Realistic Nova 33. Feathery light at only 1¼ ounces. Foam earpads. 50-20,000 Hz. response. Has 4-ft. cord, ⅛" plug. **33-976** **10.95**

Realistic Nova 36. Folds up to fit in pocket or purse. Only 2 ounces. Foam earpads. 40-20,000 Hz. Has 4-ft. cord, ⅛" plug. **33-2002** **7.95**
Extra Earpads. 33-375 . . . . **99¢**

Realistic Nova 34. Great sound at a low price! Only 2 ounces. Foam earpads, adjustable headband. With 4-ft. cord, ⅛" plug. **33-1000** **5.95**
Extra Earpads. 33-375 . . . . **99¢**

Ultra-Light In-Ear. No headband needed! Just 0.6 oz. 50-20,000 Hz. With 4-ft. cord, ⅛" plug. **33-977** **15.95**
Extra Earpads. 33-376 . . . . **99¢**

RADIO SHACK—FAMOUS FOR PERSONAL SERVICE AND QUALITY ELECTRONICS SINCE 1921

Wireless Headsets for Sound in Motion

Wireless Headset and Transmitter

Enjoy Cordless Listening From Across the Room

59⁹⁵

Enjoy listening privacy with the convenience of a cordless headset and the latest in infrared technology. Transmitter sends a monaural signal from any radio or TV equipped with a headphone jack. A real "helper" for the hearing impaired—listen at any volume without disturbing others. Works up to 20 feet away. Full 30-18,000 Hz response. Transmitter includes UL listed AC adapter. Headset requires 9V battery. **32-2050** **59.95**

Stereo Infrared Wireless System

89⁹⁵

Hear Rich Stereo Sound With Cordless Freedom

Wireless listening—no more tangling, trailing cords! Transmitter connects to any stereo headphone jack. Clip receiver to belt or shirt pocket and plug in stereo headphones—it's that easy! Receives superb-sounding stereo up to 20 feet away. System includes transmitter with UL listed AC adapter, receiver and 1/8"-to-1/4" plug adapter to fit any headphone jack. Receiver requires 9V battery and headphones. **32-2051** **89.95**

Monaural Earphones

1⁶⁹ Each

With earclip, 3¼-ft. cord.
3/32" Plug. 33-174 . . . . **1.69**
**1/8" Plug. 33-175** **1.69**

Deluxe Mono Earphone

3⁴⁹ Enjoy Private Listening

Fits most portable TVs and cassette recorders. Has 10-ft. cord, 1/8" plug.
33-177 . . . . **3.49**
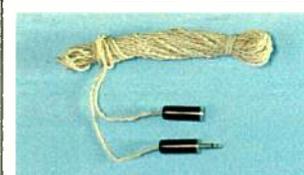
Earphone Cord

2⁴⁹

Extends to 20 feet. Mono cord has 1/8" jack and plug. Use with any 1/8" mono plug on this page. **33-176** **2.49**

Replacement Earpad Set

2⁴⁹ Set of Four

These polyurethane foam covers fit most lightweight headsets. Two black and two blue. **33-374** **2.49**

Budget Pillow Speaker

3³⁹

Small price for privacy and convenience! Listen to TV, clock radios or portables without disturbing others. Has 1/8" plug. **33-206** **3.39**

Pillow Speaker

Doze Off To Your Portable **4⁹⁹**

Slips under pillow for private and late-night listening. With volume control, 1/8" jack that fits most portables.
33-207 . . . . **4.99**

Straight Extension

5⁶⁹

Noncoiled 20-foot audio extension cable. For 1/4" plugs.
42-2442 . . . . **5.69**

Coiled Extension

8³⁹

Coiled audio cable extends to 24-feet. For 1/4" plugs.
42-2443 . . . . **8.39**

Stereo Extension

5³⁹

Lightweight, highly flexible 20-ft. cord with 1/8" stereo mini plug and jack. **42-2462** **5.39**

Plug Adapters For Headphones

(1) (2) (3) (4) (5)
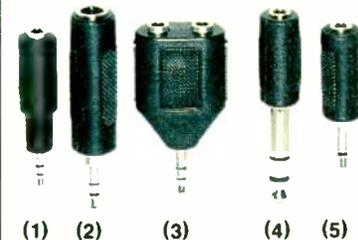
(1) 1/8" to 3/32". **274-373** **2.99**
(2) 1/4" to 1/8". **274-366** **1.99**
(3) 1/8" Y-Adapter. **274-313** . . **3.29**
(4) 1/8" to 1/4". **274-367** **1.99**
(5) Mono-to-Stereo Jack.
274-368 . . . . **1.19**

1/8" to 1/4" Cable

5⁹⁹

Straight 20-ft. cable connects 1/8" stereo mini jack to 1/4" stereo plug.
42-2460 . . . . **5.99**

1/4" Y-Adapter

5³⁹

3-ft. cable connects two stereo headphones to a single 1/4" jack.
42-2448 . . . . **5.39**

1/8" Y-Adapter

4⁹⁹

Use two headsets with one portable. Has 1/8" plug and jacks.
42-2463 . . . . **4.99**

Realistic® Mikes for Home, Stage and Studio

Stereo Amplified Listener

NEW FOR 89 **21⁹⁵**

- Amplifies All Sounds Around You
- Two Built-In Mikes
- Volume Control
- Neck Strap Included

Hi-boost switch for crisper high-frequency sounds. Requires 2 "AA" batteries. 4 x 2¼ x ⅞". 33-1093 .... 21.95
With Headphones. Reg. separate items $27.90. Save $2.95.
33-1093/33-1000 .... 24.95

Dual-Electret-Element Stereo Microphones

38⁹⁵ Dual Pattern   **26⁹⁵** Dual Head

Dual Pattern. Two sensitive elements and a special matrix circuit let you select "normal" pattern, or a "wide" mode to enhance the stereo image when recording larger groups. Wire mesh screen cuts wind noise. 30 to 15,000 Hz response. 600 ohms. On/off switch. 8" long. 10-foot cord with two ⅛" plugs. Vinyl carrying case, stand adapter. Requires "AA" battery. 33-2012 .... 38.95
Dual Head. Heads are adjustable up to 90° for full stereo separation. 50 to 15,000 Hz response. 600 ohms. Built-in stand. Foam windscreens. 5⅝" long. 6½-foot cord with two ⅛" plugs. Requires "AA" battery. 33-1065 .... 26.95

Dynamic Mikes for Recording and Public Address

- Professional Quality & Style
- Two Available Pickup Pattern Choices

57⁹⁵

44⁹⁵

NEW FOR 89 **35⁹⁵** Available Oct. 30, 1988

27⁹⁵

23⁹⁵

17⁹⁵

Realistic Highball Unidirectional. An outstanding microphone for public address systems and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Has selectable high or low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6½" long. 16-foot cable with ¼" plug. Includes deluxe case, stand adapter. 33-984 ...... 57.95

Super-Omnidirectional. Flat 40 to 17,000 Hz response. Rugged body with rubber shock ring to reduce vibration noise. Low-impedance (XLR) capability. 6¾" long. Includes 16-foot cable with ¼" plug, carrying case and stand adapter. 33-1070 ..... 44.95

Unidirectional Dynamic. Sturdy diecast zinc body. On/off switch. 50-15,000 Hz response. Low-impedance (XLR) capability. 8½" long. Includes 5-ft. cable with ¼" plug, stand adapter. 33-1073 .... 35.95

Tight-Cardioid Pattern. Minimizes background noise/feedback. 80 to 12,000 Hz response. 600 ohms. On/off switch. 7" long. Includes 6-foot cable with ¼" plug and stand adapter. 33-992 .... 27.95

Realistic Highball-2 Omnidirectional. Internal "pop" filter. On/off switch. 50 to 13,000 Hz response. 600 ohms. 8¾" long. Includes 6-foot cable with ¼" plug, stand adapter. 33-985 .... 23.95

Realistic Highball-7 Unidirectional. Internal filter reduces feedback. On/off switch. 80 to 15,000 Hz response. 600 ohms. 8½" long. Includes 10-ft. cable with ¼" plug, stand adapter. 33-986 .... 17.95

PZM® Microphone

49⁹⁵

Responds to Sound Pressure, Not Sound Waves, for Superior Performance

Realistic PZM. Eliminates "echoes", increases clarity and pickup range. 20 to 18,000 Hz response. 600 ohms. 5½ x 4⅞" base. With 18-foot cord, ¼" plug. Requires "AA" battery. 33-1090 ....49.95

PZM is a Trademark of Crown International

Two Pattern Choices

Cardioid   Omni

Cardioid or Unidirectional Pickup Pattern. Helps cut background noise and feedback.

Omnidirectional. Wide pickup pattern, equally sensitive in all directions.

Mikes 33-984 and 33-1070 are adaptable to XLR balanced output. XLR connectors on page 129.

Credit Card-Size Omni Mike

14⁹⁵

Fits Almost Anywhere!

Solves difficult placement problems. Special super-thin design also helps cut echo. 30-18,000 Hz response. 700 ohms. With 5-foot cord, ⅛" plug. Fits most portable recorders. ¼ x 3⅜ x 2⅛". Complete with RS391 battery. 33-1089 .... 14.95

QUANTITY-PRICES ARE AVAILABLE ON PA EQUIPMENT—SEE PAGE 92

Wireless and Special-Purpose Mikes

Complete 2-Piece FM Wireless System

69⁹⁵

- Crystal-Controlled Transmitter
- Dual-Conversion Receiver

Transmitter has off/standby/talk switch, battery-test LED, belt clip. 200-ft. range, 70-10,000 Hz response. Transmitter is 2³/₈ × 3³/₄ × ⁷/₈"; requires "AA" battery.

Receiver is 2¹/₄ × 6³/₄ × 5¹/₄"; UL listed AC. (DC adapter, extra).
32-1221 .... **69.95**
12 VDC Power Cord.
270-1534 .... **5.49**

FM Wireless Mike System for Use With Video Camcorders

69⁹⁵ NEW FOR 89

Available Oct. 30, 1988

For close-up sound on long-range shots—make professional-sound-quality home video recordings from up to 200 feet from the subjects. Get clear sound without shotgun mikes, wind noise, or AC power. Transmitter has tie-clip electret mike, belt clip. Receiver has hi/lo sensitivity switch, monitor earphone, ¹/₈" plug for cam-corder's mike input, standard mounting shoe. Requires 2 9V batteries.
32-1226 .... **69.95**

Wireless FM Tie-Clip Mike

19⁹⁵ **Transmits to Any Standard FM Radio**

Tiny mike fits in the palm of your hand, transmits up to 250 ft. outdoors. Excellent for PA or remote taping. 1³/₄ × ³/₄ × ⁵/₈". Tunable from 88 to 108 MHz.
33-1076 .... **19.95**

Slim Electret Omni Microphone

20⁹⁵ **Weighs Only 3 Ounces**

Wide-range 20 to 13,000 Hz frequency response. 600 ohms. With cable. ¹/₄" plug. Requires "AAA" battery.
33-2011 .... **20.95**

Dynamic Omni Mike

16⁹⁵ **With Neck Cord And Desk Stand**

MC-1000. 150 to 10,000 Hz. 10,000 ohms. 5¹/₈" long. With cable. ¹/₄" plug.
33-990 .... **16.95**

Replacement Mikes for Portable Tape Recorders

Replace Your Damaged or Lost Microphones at Affordable Prices

Electret Condenser Omnidirectional. 20 to 13,000 Hz response. ¹/₈" audio output plug, submini plug for remote on/off. 6¹/₂-ft. cord. Includes stand, windscreen, and "AAA" battery. **33-1060** **16.95**

16⁹⁵

Windscreen Dynamic Omni. Mesh screen cuts wind and breath noise. 6¹/₂-ft. cord has ¹/₈" miniplug for audio, submini for remote on-off. Low impedance. Includes clip-on stand. **33-2001** **10.95**

10⁹⁵

Dynamic Omni. Low impedance. ¹/₈" mini-plug audio output, submini plug for remote on/off. With stand, 3-ft. cord. **33-1054** **4.99**

4⁹⁹

Miniature Omni Electret Tie-Clip Microphones

Low As 19⁹⁵

(1) **Miniature Omni.** Just ³/₄" long! 50-15,000 Hz. 1000 ohms. Complete with clip, 3-ft. cord, and ¹/₈" plug. Includes Radio Shack LR44 battery.
33-1052 .... **19.95**

(2) **Super Omni.** 30-18,000 Hz. 800 ohms. ⁷/₈" long. Complete with 6¹/₂-ft. cord, ¹/₄" plug, ¹/₈" adapter, clip, and tie pin. Includes Radio Shack LR44 battery. **33-1063** **26.95**

Desk Mike Stand

6⁹⁹ **Protective Padded Feet**

Low-profile. Heavy-duty cast-iron base with 4" chromed tube. Standard ⁵/₈"-27 threading. **33-370** **6.99**

31" Boom Adapter

14⁹⁵ **Built-In Counterweight**

Chromed tube, adjustable length and angle. Standard ⁵/₈"-27 threading. **33-344** **14.95**

Mike Stand With Cast-Iron Base

19⁹⁵

Heavy-duty. Adjusts from 34" to 64". Low-profile base, rubber feet. Std. ⁵/₈"-27 threading. **33-320** **19.95**

Portable Folding Mike Stand

20⁹⁵

Adjusts from 32" to 57". Standard ⁵/₈"-27 threading. Folding legs, rubber feet. **33-325** **20.95**

Foam Windscreen

1⁶⁹

A "Must" for Outdoors

Slip-on windscreen fits most microphones. Reduces wind noise and breath "pops" for professional-quality performance. Essential for outdoor use. **33-373** **1.69**

Mike Accessories

Standard ⁵/₈"-27 Threading

(1) **13" Gooseneck Extension.**
33-330 .... **5.39**
(2) **⁵/₈" Screw Flange.**
33-332 .... **2.39**

Mike Stand Adapters

Low As 2⁵⁹

(1) **Clamp-On.** Secures to mike stand for side mounting. Holds most mikes. **33-372** **4.29**
(2) **Slip-In.** Holds most mikes. Fits ⁵/₈"-27 thread. **33-371** **2.59**

Impedance Adapters

11⁹⁹ **Each**

(1) **A3F.** Connect "pro" line to hi-Z.
274-016 .... **11.99**
(2) **A3M.** Use hi-Z mike with "pro" system. **274-017** **11.99**

SEE PAGES 42-43 FOR RADIO SHACK'S PA AMPLIFIERS AND MONEY-SAVING SYSTEMS

Values in Public Address Power Amplifiers

Features 1/4" Mike Jacks And XLR-Type Connectors For Using Both Low and High-Impedance Mikes

100-Watt Amp With Built-In Mixer And Antifeedback Control

199⁹⁵

Low As $15 Per Month★

TSP Available

- Four Adjustable Microphone Inputs
- Aux Input for Adding Mixer/Tape Deck

Realistic MPA-90. Our best amp has the power and performance demanded in auditoriums, churches and dance clubs. Variable feedback filter cuts any selected frequency, from 300 to 3000 Hz, by 12 dB to reduce annoying "howls" and "squeals." Features four high and four low-impedance mike inputs and Glide-Path® level faders for each channel. Master volume control with a handy "memory" ring, lighted power meter and LED clipping indicator. Fully protected against overload. UL listed AC. **32-2024** **199.95**

SPECIFICATIONS. Frequency Response: 30-20,000 Hz ± 2 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: 4³⁄₈ × 14¹⁄₂ × 10¹⁄₂".

SPECIFICATIONS: Frequency Response: 70-15,000 Hz + 1/ – 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: 4¹⁄₂ × 10¹⁄₂ × 7¹⁄₂".

Compact 35-Watt PA Power Amp With Built-In Equalizer

99⁹⁵

Low As $15 Per Month★

TSP Available

- Remote Priority Override for Easy Paging In Businesses and Warehouses
- Three-Band Graphic EQ ■ Built-In Mixer

Realistic MPA-40. Superb performance at low cost! Three Glide-Path faders control inputs for two mikes and phono/aux. Built-in equalizer for tailoring sound to room acoustics and reducing feedback. Priority terminals permit Channel-1 to override all other channels, really handy for interrupting music for paging or emergencies. Built-in preamp for magnetic-cartridge phono. Features master volume control with "memory ring" for marking desired level, LED power "on" indicator and ventilated metal case. UL listed AC. **32-2032** **99.95**

SPECIFICATIONS. Frequency Response: 150-20,000 Hz ± 3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC negative ground. Size: 4¹⁄₂ × 10¹⁄₂ × 7¹⁄₂".

Dual-Power, 20-Watt PA Amplifier Operates on AC or 12VDC Power

79⁹⁵

TSP Available

- Excellent for Indoor or Mobile Use
- Accepts Either Low or High-Z Mikes
- Hi-Level Phono/Aux Input ■ 12VDC Plug

Realistic MPA-25. The affordable PA amplifier you can use almost anywhere! A really nice performer—whether installed in a permanent system or used in a mobile setup. Features two front-panel mike inputs and phono/aux input with individual channel fader controls. Rotary master volume and tone controls, LED power "on" indicator. Has 70V line output for multiple-speaker systems. Ventilated metal case. Includes mobile mounting bracket with thumbscrews for easy removal, 12V power cord with cigarette lighter plug, and AC cord. UL listed. **32-2033** **79.95**

SEE PAGES 40-41 FOR RADIO SHACK'S COMPLETE LINE OF HIGH-QUALITY MICROPHONES

Get PA System Savings at Radio Shack

The Singer's Choice

Save $10135   Reg. Separate Items 991.35   **890⁰⁰**

- MPA-90 100-Watt PA Amplifier
- Four Highball Dynamic Microphones
- Four Cast-Base Microphone Stands
- Four PA-95 Column Speaker Systems

32-2024/33-984/33-320/40-1411

100-W 2-Mike Club System

Save $57⁷⁰

Reg. Separate Items 587.70

530⁰⁰

- Realistic MPA-90 100-Watt PA Amplifier
- Highball Dynamic Mike With Stand
- FM Wireless 2-Piece Microphone
- Two PA-95 Column Speaker Systems

32-2024/33-984/33-320/32-1221/40-1411

Toastmaster's Special

Save $53⁷⁵

Reg. Separate Items 518.75

465⁰⁰

- Realistic MPA-90 100-Watt PA Amplifier
- Highball Dynamic Microphone
- Deluxe Folding Microphone Stand
- Two PA-95 Column Speaker Systems

32-2024/33-984/33-325/40-1411

Sports Announcer System

Save $33⁴⁹   Reg. Separate Items 343.49   **310⁰⁰**

- MPA-40 35-Watt PA Amp With Built-In EQ
- Super-Omni Mike With Desktop Stand
- Four 10W, 70-Volt Line Transformers
- Four Super Powerhorn® Speakers

32-2032/33-1070/33-370/32-1031/40-1251

Meeting Hall System

Save $32³⁵   Reg. Separate Items 307.35   **275⁰⁰**

- MPA-40 35-Watt PA Amp With Built-In EQ
- Two Tight-Cardioid-Pattern Dynamic Mikes
- Two Cast-Base Microphone Stands
- Four 10W, 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

32-2032/33-1073/33-320/32-1031/40-219

Office Paging System
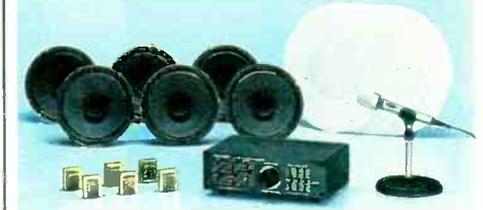
Save $27²³   Reg. Separate Items 257.23   **230⁰⁰**

- MPA-40 35-Watt PA Amp With Built-In EQ
- Tight-Cardioid-Pattern Dynamic Mike
- Cast-Base Desktop Microphone Stand
- Six 10W, 70-Volt Line Transformers
- Six 8" Speakers ■ Six Ceiling Grilles

32-2032/33-992/33-370/32-1031/40-1272/40-1223

"Anywhere" PA System

Save $25⁸⁰

Reg. Separate Items 265.80

240⁰⁰

- MPA-25 20-Watt PA Amplifier
- Super-Omni Mike With Deluxe Stand
- PA-95 Portable Column Speaker System

32-2033/33-1070/33-325/40-1411

Budget PA System

Save $19⁵⁰   Reg. Separate Items 199.50   **180⁰⁰**

- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

32-2033/33-985/32-1031/40-219

Low-Cost Paging System

Save $13⁸⁰   Reg. Separate Items 143.80   **130⁰⁰**

- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers

32-2033/33-985/40-1236

APPLY FOR REVOLVING CREDIT AND GET A COMPLETE PA SYSTEM TODAY—SEE PAGE 3

Big Selection of PA Speakers & Accessories

High-Power Public Address Sound Reinforcement Speaker
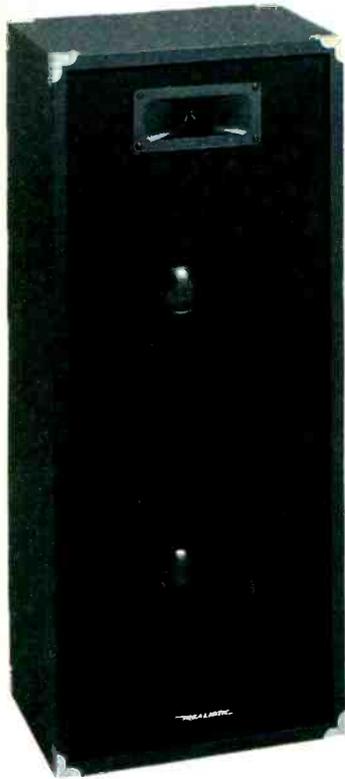
119⁹⁵ Each

Low As $15 Per Month ★

For Voice or Music in Clubs, Schools or Stage Shows

Two Heavy-Duty 10" Woofers And Piezo Horn Tweeter

Great for Portable Use or Permanent Installation

Realistic PA-95. You'll get outstanding performance from this high-efficiency system that features controlled sound coverage and a smooth, extended response from 100-20,000 Hz. Has 100-watt power handling capacity. Impedance, 8 ohms. System sensitivity: Rated 95 dB (SPL at 1W/1M). Rugged vinyl enclosure with carry handle and protective metal corners. Has ¼" jack and two spring terminals for easy hookup to any amplifier. 30 × 13 × 8½". 40-1411 . . . . 119.95

Budget Powerhorns

19⁹⁵

32⁹⁵ For Indoor Or Outdoor Use

With mounting bracket.
8" Horn. 15 watts. 40-1239 . . . . 32.95
5" Horn. 8 watts. 40-1236 . . . . . 19.95

8" Wall Speaker/Baffle

Mounts Easily On Wall

For voice or music. Volume control. 8 ohms. Walnut vinyl. 10¾ × 10¾ × 4¾".
40-219 . . . . . . 17.95

17⁹⁵

NEW 89 FOR

Ceiling Grilles

Low As **4⁴⁹**

Mounting Hardware Included

NEW! 4" Grille. 40-1220 . . . . 4.49
8" Grille. 40-1223 . . . . 5.49

4" Powerhorn

Indoor/Outdoor

Outstanding voice or music performance in a compact size. 8 ohms. With mounting bracket.
40-1244 . . . . 15.95

15⁹⁵

Super-Powerhorn®

- 40-Watt Power Capacity
- Adjustable Base

High-efficiency design for maximum sound fidelity for speech and music. Metal swivel base. 8 ohms. SPL: 110 dB (1W/1M). 11 × 6½ × 8½".
40-1251 . . . . 41.95

41⁹⁵

Indoor/Outdoor Speakers

9⁹⁵ **19⁹⁵**

Both include slots and hardware for wall mounting. 8 ohms.
4". 4¾ × 5½ × 3". 40-1227 . . . . 9.95
6½". 4¼ × 8¼ × 3⅞". 40-1248 . . . . 19.95

Dynamic 4" Speakers

Low As **4⁹⁵**

Use with 4" ceiling grilles.
10 Watts. 40-1197 . . 10.95
2 Watts. 40-1208 . . . 4.95

Transformer For 70-Volt Line Use

Standard. Taps at 10, 5, 2.5, 1.25, 0.62 watts. For 4, 8, 16 ohms.
32-1031 . . . . 5.95

One-Watt Speaker/Amp

17⁹⁵

One-piece system for amplified sound wherever you need it. Tone, volume controls. Features aux input, ⅛" mike jack. 5 × 3¹⁵/₁₆ × 2¹¹/₁₆". Requires 4 "C" batteries.
32-2031 . . 17.95
AC Adapter. UL listed.
273-1454, 7.95

Set Up Anywhere

Sound Level Meter With Seven Ranges

29⁹⁵

Monitor Music or Noise Levels in Home or Industry

Use with frequency equalizer to customize audio response of stereo or PA systems for optimum sound in any listening room. Reads to 126 dB SPL with slow or fast response, "A" or "C" weighting. Electret mike. Recording output. 6¼ × 2⁷/₁₆ × 1³/₄". Requires 9V battery.
33-2050 . . . . 29.95

PA Musical Powerhorn

39⁹⁵

Includes Song List

- Plays 94 Tunes
- Programmable—Add Five More Tunes Of Your Own
- Built-In Microphone
- Up to 300-foot Range

Plays 94 tunes, from college fight songs to pop tunes, plus up to five more you can program yourself. Adjustable shoulder strap, power-on indicator, keypad to select or program tunes. Requires 8 "AA" batteries. 32-2030 . . . . 39.95

High-Power Flat-Face AM/FM Cassettes

Auto-Reverse, 30 Watts, Dolby* B and CD Jack

249⁹⁵ Low As $15 Per Month ★

TSP Available

- Flat-Face Design is Ideal for Late-Model and Import Cars With Single Rectangular Dash Opening
- Dolby B NR Reduces Tape Hiss
- "Soft Green" Night Illumination
- LCD Digital Tuning/Time Display
- Six FM and Six AM Station Presets
- Memory, Seek and Scan Tuning
- Fader Control ■ Key-Off Release

Sensational performer with a powerful 15 watts per channel amplifier, separate bass/treble controls, latest styling, and features for expansion. Front-panel 1/8" CD jack for direct-connecting a portable compact disc player. Line in/out jacks for adding our 7-band equalizer #12-1867 (see page 48). Front/rear fader for balancing four speakers. FM optimizer circuit has special SNC (stereo noise control) and local/DX control to deliver superior FM wherever you drive. Frequency recall control. Cassette has auto-search music system, metal-chrome selector, locking fast-forward/rewind with direction-change feature. Automatic key-off release helps protect tapes. **12-1934** **249.95**

---

24 Watts Plus Front-Rear Fader

79⁹⁵

TSP Available

- Full 24-Watt Stereo Amplifier
- Auto-Stop ■ Bass and Treble
- FM Stereo/Mono Control

High power plus the "flat-face" design that fits in the dash of many late-model European and Honda cars without modification. Features 24 watts of power, separate slide-action bass and treble controls, loudness pushbutton and front-rear fader for four-speaker systems. FM mono/stereo control, locking fast-forward/manual eject control. **12-1922** **79.95**

Auto-Reverse, 30 Watts, Digital Tuning

189⁹⁵ Low As $15 Per Month ★

TSP Available

- Six FM and Six AM Presets
- "Soft Green" Illumination
- LED Tuning/Time Display

Extra features with "flat-face" style! Has 15 watts per channel, separate bass and treble, line in/out jacks, fader control. Tuner has large up/down and memory keys with translucent backlighting. One-touch "seek" tuning. Frequency recall control. FM local/DX and stereo/mono controls. Cassette: metal-chrome selector, locking fast-forward/rewind with direction-change feature, LED indicators, key-off release. **12-1931** **189.95**

Top-of-the-Line! "Pull-Out" Chassis For Security

NEW FOR 89 # 279⁹⁵

Low As $15 Per Month ★

TSP Available

Available Nov. 15, 1988

- No Worries—Instant Slide-Out, Slide-In Design
- Dolby* B NR System
- 30 Watts Total Output Power
- 12 FM and Six AM Station Memory Presets
- CD Input Jack

Enjoy sensational high-power autosound and stop worrying about the threat of car stereo theft! Features a removable chassis and handy pull-out/carry handle for quick and easy theft prevention. It snaps in and out in seconds—one simple operation. Has a front-panel 1/8" jack for connecting a portable CD player, LCD digital tuning/time display with amber illumination, front/rear fader for balancing four-speaker systems, separate bass and treble controls, seek and scan tuning, loudness, plus one-touch memory presets for twelve FM and six AM stations. Local/DX control for FM wherever you drive. Cassette has Dolby B NR to reduce tape hiss, auto reverse, auto search music system, metal-chrome selector, locking fast-forward/rewind and automatic key-off release to protect tapes. **12-1935** **279.95**

AM/FM Stereo In-Dash Car Cassette Players

30-Watt, Mini-Size With Auto-Reverse

169⁹⁵

Low As $15 Per Month ★
TSP Available

- Fits In Almost Any Dash ■ Fader
- LED Digital Tuning/Time Display
- Six FM and Six AM Memory Presets

Full-size sound and convenient auto-reverse in a size just right for many compacts and sports cars. The 15 watts per channel amplifier has separate bass and treble controls. Tuner features 12-station memory, "seek" and "scan" modes, and frequency recall control. Cassette has locking fast-forward/rewind with direction-change feature, LED direction indicators, and key-off tape release. Night illumination. **12-1932** **169.95**

Mini-Size With Auto-Reverse

89⁹⁵

- Auto-Reverse Plays Both Sides of Tapes Automatically
- FM Stereo/Mono Control

A feature-packed, but very affordable performer! Provides excellent sound and easy operation in a "mini" size that fits in the dash of practically any car. Convenient program control gives you instant access to the other side of the tape without ejecting. Also features LED tape direction indicators, separate locking fast-forward and rewind controls, manual eject. Eight watts total output. **12-1928** **89.95**

Digital-Electronic Tuning and 12 Presets

99⁹⁵

TSP Available   FM Signal Optimizer Delivers
Low As $15 Per Month ★   Superior FM in Any Signal Area

Convenient digital-electronic tuning at a super-low price. Tuner features LED display, six FM and six AM presets, "seek" and "scan." FM mono/stereo control. Cassette has locking fast-forward/manual eject button, auto-stop. Night illumination. Eight watts total output. **12-1924** . . . **99.95**

Lowest Priced Mini-Size In-Dash Player

59⁹⁵

Auto-Stop at End of Tape Protects Your
Cassettes and the Player's Mechanism

"Mini" chassis fits in the dash of almost any car and delivers excellent sound at minimum cost. FM-mono position for best fringe-area reception. Locking fast-forward/manual eject control, LED FM stereo and tape mode indicators, lighted dial. Eight watts total output. **12-1927** **59.95**

Handy Installation Information for Realistic In-Dash Autosound 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
12-1912 ✔	DIN-C	1³/₄ x 7¹/₁₆ x 5⁵/₁₆	44 x 178 x 135	1²¹/₃₂ x 4¹/₈ x ²⁷/₃₂	42 x 105 x 21	5¹/₈ to 5¹³/₁₆	130 to 148
12-1922	DIN-E (FF)	2¹/₁₆ x 7³/₃₂ x 4¹⁵/₁₆	52 x 180 x 125	(no nose piece)	—	(no shafts)	—
12-1924 ✔	DIN-C	1³¹/₃₂ x 7¹/₁₆ x 5⁵/₁₆	50 x 178 x 135	1²¹/₃₂ x 4¹/₈ x 1³/₈	42 x 105 x 35	5¹/₈ to 5¹³/₁₆	130 to 148
12-1926 ✔	DIN-C	1³¹/₃₂ x 7¹/₁₆ x 4¹⁵/₁₆	50 x 178 x 125	1³/₄ x 4¹/₈ x 1¹⁵/₃₂	44 x 105 x 37	5¹/₈ to 5¹³/₁₆	130 to 152
12-1927 ✔	Mini/Univ.*	1³¹/₃₂ x 6⁷/₁₆ x 4⁵/₈	50 x 164 x 120	1²¹/₃₂ x 3¹¹/₁₆ x 1³/₈	42 x 92 x 35	5¹/₈ to 5¹³/₁₆	130 to 148
12-1928 ✔	Mini/Univ.*	1³¹/₃₂ x 6⁷/₁₆ x 4⁵/₈	50 x 164 x 120	1²¹/₃₂ x 3¹¹/₁₆ x 1³/₈	42 x 92 x 35	5 to 5¹³/₁₆	125 to 148
12-1929 ✔	DIN-C	1³¹/₃₂ x 7¹/₁₆ x 5⁵/₁₆	50 x 178 x 135	1³/₄ x 4¹/₈ x 1¹/₂	44 x 105 x 38	5¹/₈ to 6¹/₄	130 to 158
12-1930 ✔	DIN-C	1³¹/₃₂ x 7¹/₁₆ x 5⁵/₁₆	50 x 178 x 135	1³/₄ x 4¹/₈ x 1³/₁₆	44 x 105 x 31	5¹/₈ to 5¹³/₁₆	130 to 148
12-1931	DIN-E (FF)	1³¹/₃₂ x 7¹/₁₆ x 5¹/₂	50 x 178 x 139	(no nosepiece)	—	(no shafts)	—
12-1932 ✔	Mini-Univ.*	1³¹/₃₂ x 6⁵/₁₆ x 4⁵/₈	50 x 160 x 120	1²¹/₃₂ x 4¹/₈ x 1³/₈	42 x 105 x 35	5¹/₈ to 5¹³/₁₆	130 to 148
12-1933 ✔	DIN-C	1³¹/₃₂ x 7¹/₁₆ x 4¹⁵/₁₆	50 x 178 x 125	1³/₄ x 4¹/₈ x 1¹/₄	44 x 105 x 32	5¹/₈ to 5¹⁵/₁₆	130 to 152
12-1934	DIN-E (FF)	1³¹/₃₂ x 7¹/₁₆ x 5⁷/₈	50 x 178 x 137	(no nosepiece)	—	(no shafts)	—
12-1935	DIN-E (FF)	1³¹/₃₂ x 7¹/₁₆ x 5⁷/₈	50 x 178 x 150	(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 European cars and Hondas. Mini fits smallest Japanese cars, most domestic compacts and subcompacts. ✔ Includes Ford/GM rubber gasket for nosepiece. * Fits standard and import-size cars. GENERAL INFORMATION: All players include ample speaker cable, plug-in wiring harness with labeled leads, fuse, switched power lead for accessories (except 12-1927), mounting hardware, illustrated instructions, trim plates and nosepieces. For 12 VDC negative ground only. CAUTION: High-power players require 4-wire ungrounded speaker wiring. NOTE: 6⁵/₁₆" (160 mm) shaft spacing is standard for most domestic trucks.

High-Power In-Dash Digital Car Cassettes

Auto-Reverse, 30 Watts and Dolby* B

- Six AM and Six FM Presets
- Dolby B NR Reduces Tape Hiss
- Line In/Out ■ Night Illumination

249⁹⁵ TSP Available

Low As $15 Per Month ★

Top performer with 15 watts per channel, separate bass and treble controls, front/rear fader. Quartz-locked tuner offers 12 presets, manual up/down and "seek" modes. LED time/frequency display with frequency recall control. FM mono/stereo and local/DX controls. Cassette has auto-search system, locking fast-forward/rewind, LED direction indicators, metal/chrome selector, key-off tape release. **12-1929** **249.95**

*TM Dolby Laboratories Licensing Corp.

Five-Band Equalizer and Auto-Reverse

- 24 Watts ■ Six FM/Six AM Presets
- LED Digital Tuning/Time Display
- Metal-Chrome/Normal Selector

149⁹⁵ TSP Available

Low As $15 Per Month ★

Powerful 12 watts per channel amplifier has an equalizer for "customized" response and front/rear fader. Tune radio stations manually, recall a memory preset or use the automatic "seek" mode to lock in the next station. Frequency/time display with frequency recall control. Signal-enhancer IC and manual mono/stereo control optimize FM reception. Auto-reverse plays both sides of tapes automatically. Cassette has locking fast-forward/rewind controls with direction-change feature, LED direction indicators, and key-off tape release. Night illumination. **12-1930** **149.95**

Auto-Reverse and Automatic Scan

- "Scan" Tuning Samples Stations
- Loudness Control Boosts Bass At Low Volume Levels

159⁹⁵

Low As $15 Per Month ★
TSP Available

As #12-1930 above, but without equalizer. Features 12 watts per channel, "seek" mode, front/rear fader, FM mono/stereo control. Cassette has metal-chrome selector, locking fast-forward/rewind, LED direction indicators, key-off tape release. Night illumination. **12-1912** **159.95**

AM Stereo, FM Stereo and 12 Presets

- 24 Watts ■ Front/Rear Fader
- LED Digital Tuning/Time Display
- Bass and Treble Controls

139⁹⁵ TSP Available

Low As $15 Per Month ★

Twelve watts per channel, Motorola C-Quam* AM stereo and FM stereo, fader and "soft-green" night illumination at an amazing low price! Tuner has automatic "seek" mode, six FM and six AM memory presets. Display shifts to time after a station is tuned and has a frequency recall control. AM/FM mono/stereo control. Cassette features locking fast-forward/manual eject, auto-stop, key-off tape release. **12-1933** **139.95**

*TM Motorola, Inc.

Our Lowest Priced High-Power Digital

- 24 Watts ■ Seek and Scan Tuning
- LED Digital Tuning/Time Display
- Six AM and Six FM Presets

129⁹⁵

Low As $15 Per Month ★
TSP Available

Features you wouldn't expect at this price! Delivers 12 watts per channel, has separate bass and treble controls and a front/rear fader. Tuner has a "seek" mode that locks in the next station and a "scan" mode that gives you a brief sampling of each station. Time/frequency display with frequency recall control. Cassette has metal-chrome selector, locking fast-forward/manual eject control, and auto stop. Night illumination. **12-1926** .. **129.95**

APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3

47

Under-Dash Cassettes & Unique Accessories

Our Smallest, Lowest Priced Stereo

34⁹⁵

Fits Easily Under Any Dash

Good sound, all the basic features. Auto-stop, locking fast-forward/eject control. 1¹¹/₁₆ × 5½ × 5½". Has 8 watts total output. **12-1984** 34.95

Cassette Adapter for 8-Track Decks

- No Rewiring
- Auto-Stop
- For Car and Home Decks

39⁹⁵

Plays stereo cassettes horizontally on most car or home 8-track equipment. Locking fast-forward and manual eject controls. 1¾ × 4¾ × 9⅞". **12-1875** 39.95

FM Converter

21⁹⁵ Adds FM to Any AM Car Radio

Lighted Dial

Uses existing AM radio antenna—easy to install under dash. 1³/₁₆ × 4 × 5¼". With hardware. **12-1350** 21.95

Dual-Polarity Radio

Built-In Speaker **47⁹⁵**

AM/FM. For 12VDC neg. or pos. gnd. FM local/DX switch, lighted dial, ⅛" jack for external speaker. 1⅞ × 6⅝ × 4⅞". **12-1355** 47.95

Compact FM Signal Booster

Reliable Reception **19⁹⁵**

Boosts FM signals by more than 10 dB to bring more stations in clearly. Easy hookup. With mounting hardware. 12VDC neg. or pos. gnd. 1 × 2⁵/₃₂ × 3¹¹/₁₆". **12-1873** 19.95

80-Watt Autosound Stereo Power Amp

79⁹⁵

- 20-20,000 Hz Response
- DC-to-DC Switching Power Supply

Delivers 40 watts of power per channel and clean sound. Auto power-on with LED indicator, switching power supply and high/low impedance input jacks for adding components. With mounting hardware. 1 × 7 × 6⅞". **12-1957** 79.95

24 Watts, Auto-Reverse, Dolby*

99⁹⁵ Low As $15 Per Month⋆

Auto-Search Music System Makes It Easy to Find Tape Selections

Our best under-dash stereo cassette delivers powerful 12 watts per channel and features separate bass, treble and loudness controls and Dolby B noise reduction system. With auto-reverse, locking fast-forward and rewind for easy operation. 1¹⁵/₁₆ × 5⅞ × 6¾". **12-1983** 99.95

*TM Dolby Laboratories Licensing Corp.

Add CD to Your Car Stereo Player

NEW FOR 89

CD Cassette Adapter **Shielded Audio Cable**

19⁹⁵ **3⁴⁹**

No Special Wiring—Just Plug in to Enjoy Superb Sound

CD Cassette Adapter. Plug into your portable CD player's ⅛" headphone jack and insert the adapter like a regular cassette. You can also use this adapter to connect your CD portable to any home or portable cassette player. **12-1951** 19.95

Shielded Audio Cable. Allows you to play any portable CD player with a ⅛" headphone or line-out jack through any autosound system with ⅛" stereo line-in jack. Six feet long. Ideal for use with our in-dash players #12-1934/5 and EQ/boosters #12-1955/6/9. **42-2387** 3.49

Line-Level 7-Band Stereo Equalizer

39⁹⁵

Seven-Band Frequency Control

Adds precise tone control to amps and equipment having line-level in/out. Slide-action controls with 12 dB range, bypass button, RCA-type connectors. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. 1¹⁵/₁₆ × 5⅞ × 4". **12-1867** 39.95

Autosound Stereo Performance Boosters

Seven-Band, 60-Watt Stereo Equalizer/Booster

NEW FOR 89 **79⁹⁵** CD Input Jack

- **Switchable 4/8 Ohm Speaker Output**
- **Front/Rear Speaker Fader Control**

Backlit slide-action controls increase or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Dual-range, 10-LED power meters. Speaker-level and line-level inputs. 1⁷/₈ × 7¹/₈ × 6¹/₄".
12-1959 . . . . **79.95**

Seven-Band, 80-Watt Equalizer/Booster

99⁹⁵ Low As $15 Per Month★

- **LED Spectrum Equalizer Display**
- **Input for Portable CD Player**

Delivers 40-watt-per-channel stereo power that you can tailor to your taste. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Front/rear fader, night illumination, high-impedance phono-type input jacks. 1⁵/₈ × 7 × 6⁷/₈". **12-1956** **99.95**

120-Watt EQ/Booster— 7 Bands, 84-LED Display

119⁹⁵ Low As $15 Per Month★

- **Boost/Cut in Precise 2 dB Steps**
- **Fader** ■ **Electronic Controls**

Our best puts 90 watts to the rear speakers and 30 to the front! You "see" adjustments on the 84-LED display. Ten-LED power meter, loudness. Boost/cut range: 12 dB. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level inputs. 1¹⁵/₁₆ × 7¹/₄ × 6³/₄".
12-1958 . . . . **119.95**

Feel the Power! 40-Watt Stereo Boosters and Equalizer/Boosters

Improve your present car stereo system! All models below give you plenty of clean audio power and widened dynamic range for an autosound difference you'll really hear. The boosters with built-in equalizer can 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 suit your car and your taste!

40-Watt Stereo Power Booster

19⁹⁵ This tiny, yet powerful booster fits easily under any dash and delivers a big improvement in sound at low cost. Has LED power "on" indicator. Only 1 × 4³/₁₆ × 4⁵/₁₆". **12-1869** **19.95**

Five-Band Equalizer/Booster

39⁹⁵ Our lowest priced equalizer/booster combo puts five bands of tone control at your fingertips, plus plenty of extra power. Delivers outstanding sound to your two-speaker system. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. LED "on" indicator. 1¹¹/₁₆ × 5 × 6".
12-1952 . . . . **39.95**

Seven Bands, Fader, Slim Design

54⁹⁵ Equalizer/booster has a thin-line design for easy installation in small vehicles. Features a 5-level 10-LED power meter, fader control for 4-speaker systems, night illumination. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. 1³/₁₆ × 5⁷/₈ × 5³/₄".
12-1954 . . . . **54.95**

Seven Bands, Fader, CD Jack

59⁹⁵ This feature-packed equalizer/booster has backlit controls for easy night viewing and a jack for connecting portable compact disc player. Features a 10-level 20-LED power meter and front/rear fader control for balancing 4-speaker systems. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Power "on" LED indicator. Line-level input for use with separate components—works with virtually all autosound equipment. 1³/₄ × 6³/₈ × 5¹/₈". **12-1955** **59.95**

NOTE: BOOSTERS RATED TOTAL WATTS RMS OUTPUT, BOTH CHANNELS. THEY REQUIRE 4-WIRE UNGROUNDED SPEAKER WIRING. FOR 12VDC NEGATIVE GROUND VEHICLES ONLY. WITH ILLUSTRATED INSTRUCTIONS AND UNDER-DASH MOUNTING HARDWARE.

Everything in Auto Speakers & Accessories

Die-Cast, 2-Way Minimus®-7
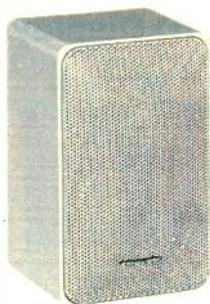
49⁹⁵ Each — 40 Watts Capacity

Mounting Bracket
DIGITAL READY

With 4" woofer, 1" tweeter. 7¹/₁₆ × 4⁷/₁₆ × 4⁵/₁₆".
Black, 40-2030. Silver, 40-2034 . . Each 49.95
Bracket. 40-2031 . . . . Pair 15.95

Minimus-3.5 Speaker

21⁹⁵ Each

15 Watts Capacity

Mounting Bracket

Get amazing sound from a 3½" speaker in a
5⁵/₈ × 3⁵/₈ × 3³/₈" enclosure.
40-1996 . . . . Each 21.95
Mounting Bracket. 40-1997 . . Pair 10.95

Speaker Enclosures

36⁹⁵ Pair

For Most 6 × 9" Speakers
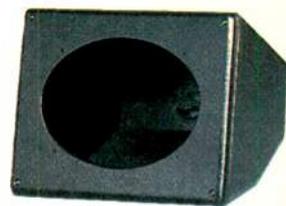
Install your loose rear-deck speakers in these
professional-looking surface-mount enclosures.
Predrilled Acoustifoam™ and spring-lever quick-
disconnects for easy mounting and hookup. 8½ ×
11³/₈ × 9½". 40-170 . . . . Pair 36.95
TM Nu-Decor, Inc.

3½" Speakers

Low As 4⁹⁵ Each

Great for In Dash

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

4" Speakers

Low As 4⁹⁵ Each

Fit Tight Spots

Cat. No.	Magnet	Watts	Each
40-1197	6.8 oz.	10	10.95
40-1208	0.53 oz.	2	4.95

5" Speakers

Low As 5⁹⁵ Each

Dual Cones

Cat. No.	Magnet	Watts	Each
40-1284	9.8 oz.	20	10.95
40-1909	5.3 oz.	10	7.95
40-1240	2.8 oz.	5	5.95

5¼" Speakers

Low As 6⁹⁵ Each

For doors, Kick Panels

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

4 × 6" Speaker

6⁹⁵ Each

10 Watts Capacity

Wide-range sound! Has 5.3-ounce
ceramic magnet. Replace your
worn-out speaker. 40-1298 . . 6.95

5 × 7" Speaker

8⁹⁵ Each

10 Watts Capacity

Fits Chrysler and Toyota rear
decks. Has 3-ounce magnet. 4/8/
16 ohms. 40-1261 . . . . 8.95

4 × 10" Speakers

Low As 9⁹⁵ Each

Ceramic Magnets

Cat. No.	Magnet	Watts	Each
40-1297	10.0 oz.	30	14.95
40-1243	5.3 oz.	10	9.95

6 × 9" Speakers

Low As 8⁹⁵ Each

Cat No.	Magnet	Watts	Each
40-1265	10.0 oz.	30	14.95
40-1268	5.3 oz.	10	12.95
40-1269	3.0 oz.	6	8.95

6 × 9" 3-Way Speaker

30 Watts Capacity

26⁹⁵ Each

Full-spectrum sound. Woofer has
10-ounce magnet. 3" midrange, ½"
tweeter. 40-1356 . . . . 26.95

6 × 9" Steel Grille

3³⁹ Each

Guards Speaker

Covers 6 × 9" car
speakers. With
hardware and a
template.
40-1175 . . . . 3.39

Wire-Mesh Grilles

Low As 4⁷⁹ Each

(1)   (2)

(1) 5¼". With dust cover, mounting
hardware. 40-1336 . . . . . . 4.79
(2) 6 × 9". 40-1335 . . . . 6.59

Molded Grilles

Low As 1⁹⁹ Each

(1)   (2)

(1) 4" or 5". Tops for door-mount
speakers. 40-1291 . . . . 1.99
(2) 6 × 9". Protect rear deck speak-
ers. 40-1337 . . . . 3.29

Hi-Power Fader

8⁷⁹

Handles Up To 25 Watts Per Channel

For front-to-rear balancing of four
speakers. Mounts under dash.
270-048 . . . . 8.79

Selector/Fader

7⁷⁹

Easy To Install

Versatile! Permits switching be-
tween tape player and radio, and
controlling front-to-rear speaker
balance. 270-046 . . . . 7.79

Stereo Fader

6⁷⁹

Mounts Under Dash

Controls front-to-rear speaker
balance to suit your taste. Han-
dles 5 watts. 270-047 . . . . 6.79

Selector Switch

4⁷⁹

With Hardware

Lets you switch between tape
player and radio using the same
speakers. 270-045 . . . . 4.79

ALL FADERS AND SELECTORS HAVE 8 OHMS IMPEDANCE, COLOR-CODED LEADS AND INCLUDE INSTRUCTIONS

Matched Speaker Pairs for Super Stereo

Our Best Flush-Mounts—6 × 9" 3-Way

99⁹⁵ Pair

TSP Available

Low As $15 Per Month

DIGITAL READY

120 Watts Capacity Per Pair

Deluxe three-way system has a moistureproof 6 × 9" polypropylene woofer with 16-oz. magnet, 2½" midrange, 1½" tweeter. No retainer rings required. 12-1859 . . . . **Pair 99.95**

Heavyweights for Super Bass! 8" 2-Ways for Pickup or Van

NEW FOR **89**

179⁹⁵ Pair

Low As $15 Per Month *

TSP Available

DIGITAL READY

200 Watts Capacity Per Pair

Perfect for vehicles without a rear deck—pickups, vans, hatchbacks and station wagons. Just place the carpeted, ported enclosures behind the seat. Great with our high-power equipment such as #12-1957 amplifier. Each features a moistureproof polypropylene 8" woofer with 1½"-diameter voice coil, and top-firing piezo tweeter with special exponential horn. Rugged enclosures with carrying handle are 12½ × 18½ × 6¼", each. Impedance, 4 ohms. 12-1712 . . . . **Pair 179.95**

4 × 10" 2-Way Flush-Mount

49⁹⁵ Pair   TSP Available

DIGITAL READY   **60 Watts Capacity Per Pair**

Moistureproof. Has 2½" piezo tweeter. Great for late-model GM rear decks. 12-1705 . . **Pair 49.95**

3-Way 5¼" Plate-Mount

69⁹⁵ Pair   NEW FOR **89**

TSP Available

DIGITAL READY   **80 Watts Capacity Per Pair**

Available Nov. 15, 1988

Feature individually mounted 5¼" woofer, 2½" midrange and 1⅔" tweeter, with electronic crossover. Fits from 5¼" round hole to standard 6 × 9" cutout. Molded housing, open-mesh grilles. 2¾ × 9¾ × 6¾". 12-1711 . . . . **Pair 69.95**

5¼" 3-Way Flush-Mount
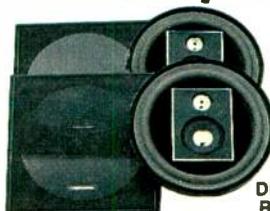
59⁹⁵ Pair

TSP Available

60 Watts Capacity Per Pair

DIGITAL READY

Big 5¼" woofer with 17.6-ounce magnet pumps out deep bass. Has 2" midrange and 1" piezo tweeter for smooth response. For rear deck or door panel. Molded housing, open-mesh grilles. 12-1708 . . . . **Pair 59.95**

5¼" 2-Way Surface-Mount

59⁹⁵ Pair   TSP Available

DIGITAL READY

60 Watts Capacity Per Pair

Individually mounted 5¼" woofer and 2¼" cone tweeter. Just right for vans or rear deck. Efficient 7.9-ounce magnet. Built-in electronic crossover. Open-mesh grilles, rugged molded housing. 5⅝ × 10⅛ × 6⅛". 12-1706 . . . . **Pair 59.95**

Full-Range 4" Flush-Mount

DIGITAL READY

29⁹⁵ Pair   **40 Watts Capacity Per Pair**

Only 1½" deep. Fit in doors or wherever space is tight. Dual-cone, moistureproof polypropylene driver, high-efficiency 4.8-ounce magnet. Open-mesh grilles. 12-1704 . . . . **Pair 29.95**

Compact 5¼" Flush-Mount

29⁹⁵ Pair   ■ **40 Watts Capacity Per Pair**

DIGITAL READY   ■ **Only 1¼" Deep**

Fit in the shallowest doors and kick-panels— "the" speakers for small imports. With moisture shield, metal grilles. No retainer rings needed. 12-1703 . . . . **Pair 29.95**

Mini 2-Way Surface-Mount

39⁹⁵ Pair

30 Watts Capacity Per Pair

Space-savers with remarkable sound. Each has a 3" woofer and 2" tweeter. Wedge-shaped enclosures fit securely on rear deck. Mesh grilles. 3⅞ × 5⅛ × 6¼". 12-1707 . . . . **Pair 39.95**

Budget 5¼" Surface-Mount
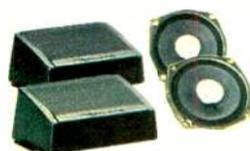
19⁹⁵ Pair   NEW FOR **89**

20 Watts Capacity Per Pair

Available Oct. 15, 1988

Wide-response dual-cone speakers. 2.85-ounce magnets. Durable molded housings. 12-1709 . . . . **Pair 19.95**

Low-Priced 5¼" Flush-Mount

19⁹⁵ Pair

20 Watts Capacity Per Pair

Wide-range dual-cone speakers at a budget-pleasing price! Each has a 4.3-ounce magnet. No retainer rings required for mounting. Snap-on metal grilles. 12-1702 . . . . **Pair 19.95**

Compact 3" Surface-Mount

NEW FOR **89**

13⁹⁵ Pair

Available Oct. 15, 1988

12 Watts Capacity Per Pair

Fit most subcompacts. Wide-range speakers in molded housings. 12-1710 . . . . **Pair 13.95**

SPEAKERS (EXCEPT #12-1712) HAVE 8-OHM IMPEDANCE, ARE RATED IN PROGRAM POWER PER PAIR, AND INCLUDE MOUNTING HARDWARE AND INSTRUCTIONS   51

Accessories for Easier Autosound Installation

Autosound In-Dash Installation Kits

NEW FOR 89
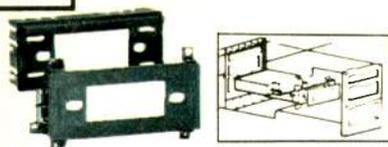
For Chrysler, Ford, GM Through 1988

Makes it easy to install autosound (including "DIN-E" chassis sizes). With mounting panels, brackets, screws and complete instructions.
GM Kit. Fits 39 models. **12-1361** **8.95**
Ford/Chrysler. Fits 69 models. **12-1362, 10.95**

Wiring Harness Adapters

The fast and easy way to connect Realistic® autosound to your car's original wiring harness. Prewired 5-pin plug to quick-disconnect cable gives correct connection for power and two or four speakers. With instructions.

For Models	Cat. No.	Each
1978-88 GM	270-755	7.99
1984-88 Chrysler	270-756	6.99
1983-85 Ford	270-757	6.99
1986-88 Ford	270-758	7.99

Auto Connectors and Stereo Cable Sets
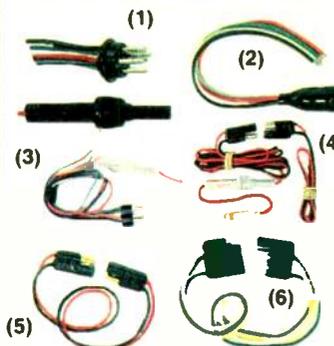
(1) Cable Assembly. One power and four 18-ft. speaker leads.
270-014 .... **4.99**
Standard. Five-pin plug with 12" leads. **270-041** **2.29**
(2) 5-Pin Socket. 7" leads. **274-1215, 1.59**
(3) Universal. Adjusts to fit 4-pin or 5-pin sockets. 12" color-coded leads.
270-017 .... **2.29**
(4) Four-Foot Polarized, Fused DC Power Cable. 270-025 ...... **1.99**
**(5) Quick-Disconnect 2-Conductor** 12" Cable. Great for trailer lights and accessories. **270-026** .... **99¢**
(6) Quick-Disconnect 4-Conductor 12" Cable. **270-027** **1.99**

Noise Suppressors & Filters, Ground Adapter
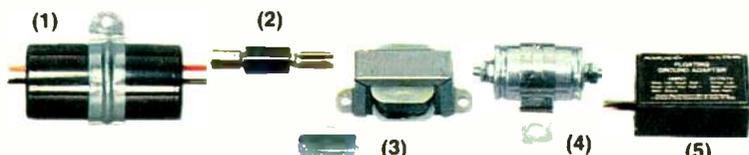
(1) Deluxe 10-Amp Filter. Two L-C sections reduce ignition and alternator noise in car stereos, CB and ham radios.
270-051 .... **12.95**
(2) Resistive Filter. Cuts spark plug noise.
270-012 .... **1.49**
(3) Heavy-Duty Noise Eliminator Kit. Choke, capacitor and instructions.
270-030 .... **3.99**

(4) Feedthrough Filter Capacitor. Excellent for eliminating electrical noise caused by wipers, fan motors and DC generators. Rated 0.5 microfarad, 40 amps, 60 WVDC.
272-1085 .... **4.99**
(5) Floating Ground Adapter. Permits use of high-power radio/cassette stereos with common ground speakers.
270-053 .... **5.49**

Knobs and Brackets for Autosound
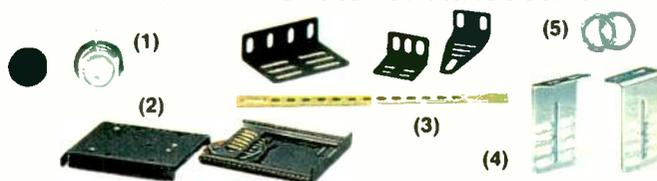
(1) Control Knobs. Two inner and two outer knobs fit both "D" and split-shaft equipment.
Import Style. The latest matte black European-type finish.
274-425 .... **Set/1.79**
Chrome-Finish. Low-profile type used on many domestic models.
274-427 .... **Set/2.99**

(2) Under-Dash Slide Bracket. With electrical connections. **270-016** .. **9.95**
(3) Universal 3-Bracket Set. Includes hardware. **270-023** **3.29**
(4) Universal L-Brackets. With hardware. **270-022** **Pair/2.79**
(5) Control Shaft Nuts and Washers. (6 ea.) **270-024** .... **99¢**

Vehicle Fuses, Holders, Testers & Tools

(1) Inline "Blade" Fuse Holder. Rated 20 amps. **270-1213** **1.49**
(2) Glass Fuse Kit. (2) SFE-20. (1) each: AGC 3, 10, 15, 25, 30; SFE 7½, 9, 14.
270-1262 .... **Set of 10/1.89**
(3) Solderless ¼" Diameter Fuse Holder. Rated 20 amps. Easy hook-up.
270-1211 .... **1.19**

(4) Plastic "Blade" Fuse Kit. Set contains one each: 5, 7.5, 10, 15, 20 amps. Rated 32 volts. **270-1201** .... **Set of 5/1.59**
(5) Vehicle Fuse Tester. Test fuses without removing them. 12VDC only. **22-1636** .. **1.99**
(6) Universal Fuse Tool. Nonconductive. Makes it easy to quickly and safely remove and replace blade and glass fuses.
270-1199 .... **99¢**

Lighter Cords and Plugs
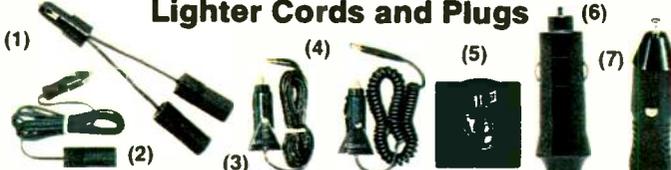
(1) Two-Outlet Y-Adapter. Powers two accessories from lighter outlet. Rated 8 amps. **270-1535** **5.49**
(2) Ten-Foot Extension Cord. Rated 8 amps. **270-1536** **5.49**
(3) Heavy-Duty Fused Cord. 8-ft.
270-1534 .... **5.49**
Standard Fused. 8-ft. **270-1533, 3.79**
Plug With Cord. 270-021 ..... **2.69**

(4) Universal Fused Cord. With four coaxial plugs. 5-ft. **270-1528** ... **8.99**
(5) Accessory Outlet. Mounts in or under dash. **270-1539** **4.99**
(6) Heavy-Duty Fused Plug. Uses 3AG fuse up to 7.5 amps.
274-335 .... **1.99**
(7) Lighter Plug. Fits standard lighter socket. Rated 6 amps. **274-331** .. **1.29**

Voltage Inverter

27⁹⁵

Use in Your Car, Boat, RV or Truck

For adding auto accessories to older vehicles or imports with nonstandard electrical systems. Use autosound or communications equipment requiring 12VDC neg. ground power from 12VDC pos. ground or 6VDC neg. ground systems. Heat-sinked, fuse protected. Rated 3 amps.
22-129 .... **27.95**

Electrical Tester

5⁹⁵

Spot Problems Before They Stop You

Electrical system analyzer is simple to use—just plug into your vehicle lighter socket. Color-coded LEDs show condition of battery, alternator and regulator.
22-1635 .... **5.95**

Automotive Panel Switches and Bracket
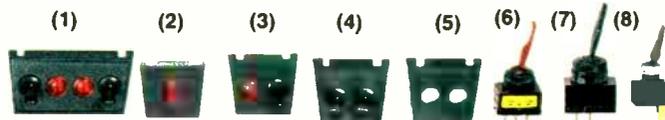
For Use With All 12VDC Vehicle Electrical Systems

(1) Dual Flip Switch/Light Panel. 20 amp. **275-707** **5.49**
(2) Lighted Rocker Switch Panel. 25 amp. **275-704** **4.49**
(3) Flip Switch/Light Panel. 20 amp. **275-703** **3.29**
(4) Dual Flip Switch/Light Panel. 20 amp. **275-702** **3.19**
(5) 2-Switch Bracket. 275-705, 89¢

(6) Lighted Flip Switch. With lamp. 20 amp. **275-706** **2.39**
(7) Flip Switch. 25 amp.
275-708 .... **1.99**
SPST Flip Switch. 16A. **275-701, 1.29**
(8) DPDT Center-Off Flip Switch. 20 amp. **275-710** **2.39**
DPDT Momentary Center-Off Flip Switch. 20 amp. **275-709** **2.79**

Antennas and Accessories for Your Car

AM/FM/FM Stereo Antenna Values

NEW FOR **89** (1) (2) (3) (4)

(5) NEW FOR **89** (6) (7) (8)

We Have the Antenna You Need At a Price You'll Like

(1) NEW! Ford Antenna. Fits 1982 to current models. Easy 3-screw oval mounting. One-piece 31" stainless steel whip. With 72" cable.
12-1335 . . . . **8.99**

(2) Universal "8-Ball." Top cowl or fender mount. Three sections extend from 21¼ 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 25³/₈ to 55". Adjusts to a full 90°. With 48" low-loss cable. **12-1307** **8.79**

(4) Universal Pillar Mount. Fits most Japanese cars except Honda. Three sections extend from 19½ to 51". With 61" cable. Mounting hole spacing: 2¼ to 18". **12-1320** **7.99**

(5) One-Piece Mini Antenna. An excellent performer. For cars with narrow fenders. Requires ¹³/₁₆" mounting hole. 31" stainless steel whip. 54" lead-in cable. Perfect for FM stereo reception.
12-1322 . . . . **6.99**

(6) Black One-Piece Mini. Sleek, black version of 12-1322, above. Requires ¹³/₁₆" mounting hole. Ideal for European "look." **12-1334** **7.99**

(7) Top Fender/Cowl Mount Antenna. 31" tapered stainless steel whip. Includes 48" lead-in cable. Mounts from top, goes through car washes. **12-1329** **8.99**

(8) Gutter-Mount. Installs easily on most trucks and vans. Attaches and detaches in seconds. Three-section whip extends to 29½". Includes 78" cable and plug. **12-1324** **7.69**

Hi-Accuracy Electronic Compass

NEW FOR **89**

49⁹⁵

Available Sept. 30, 1988

Flux-Gate Technology Similar to That Used In Jet Airliners

Obsoletes ordinary compasses! High-tech circuitry measures the earth's magnetic field in two directions and compensates for stray magnetic fields, giving you a full-color, illuminated 360° graphic display of your auto's direction. Mounts on dash or windshield. Connects directly to electrical system or plugs into lighter socket with included adapter. 2⅛ × 3 × 2⁷/₈". 12VDC neg. gnd. **63-641** **49.95**

Flexible AM/FM Auto Antennas

(1) (2) (3)

NEW FOR **89**

They Bend, But Don't Break
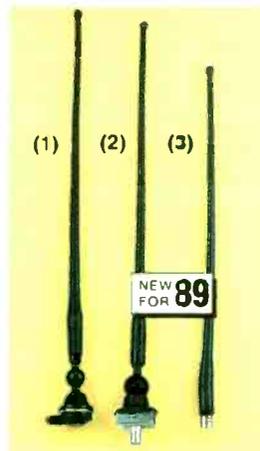
(1) Rubber Ducky Antenna. Vandalproof European style! Has the signal-pulling power of full-length antennas. Mounts quickly and easily on roof, trunk or rear fender. Overall length: 16". With 50" lead-cable.
12-1327 . . . . **5.99**

(2) Universal Mount. For fender or top cowl installation. Extremely durable and shock-resistant. Features a built-in booster conductor. Overall length: 15". Includes 54" lead-in cable.
12-1331 . . . . **5.99**

(3) Flexible Replacement Whip. Fits over stub of broken antenna. With locking screws. Overall length: 14".
12-1333 . . . . **3.99**

Windshield Antenna

4³⁹

For FM and AM

Antenna tape attaches easily to windshield. With cable, fender cap. **12-1325** **4.39**

Automotive Lighting Relay

30 Amp **4⁹⁹**

Also switches mobile power supplies, other high-current accessories. SPST. 30 amps at 12VDC. 160 mA. 66-ohm coil. **275-226** **4.99**

Extensions & Connectors

Motorola-Type Plugs and Jacks

(1)

(2)

(3)

(4)
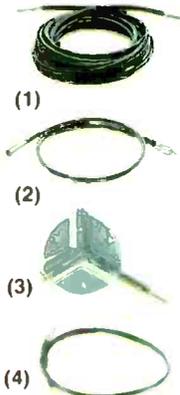
(1) 12-Foot Inline Male-to-Female Extension Cord. Plug on one end, jack on other. Has built-in capacitor.
12-1311 . . . . **3.99**

(2) 24" Inline Male-to-Female Inline Extension.
12-1312 . . . . **1.49**

(3) Universal 3-Way Connector. Couples two antennas to one radio or one antenna to two radios.
12-1313 . . . . **1.99**

(4) 24" Male-to-Male Extension Cable.
12-1314 . . . . **1.49**

AM/FM Power Antenna

NEW FOR **89** **39⁹⁵**

- **Helps Prevent Vandalism**
- **Requires Only 13" of Space Below Mounting Surface**

Completely automatic! Fits most cars and trucks. Connects to ignition or radio and extends or retracts when either is turned on/off. Extends to 39". Stainless steel. With cable, power lead. Adapts to semi-automatic use. 12VDC neg. gnd. **12-1330** **39.95**

FAST™ Road Patrol XK® Radar Detectors

Mini Dual-Tone, Dual-Conversion

Actual Size is Only 1 1/16 x 2 5/8 x 4 3/16"

199⁹⁵ Low As $15 Per Month ★

TSP Available

With Carrying Case, 2 Power Cords, Visor Mount, Tiedown Clips, Mounting Hardware

Separate Tones and LEDs For X and K Band Signals

Small enough to fit in your shirt pocket and incredibly sensitive. *FAST* signal processor reduces false alarms, GaAs diode front end. Selectable tone and/or warning light. Panel lights auto-adjust to day or night brightness. Sensitivity and volume controls. Sensitivity: X-Band, −112 dBm/cm²; K-Band, 104 dBm/cm². 12VDC neg. gnd. **22-1617** 199.95

Dual-Tone, Dual-Conversion Superhet

NEW FOR 89 **149⁹⁵** **Low As $15 Per Month ★** **TSP Available**

- Advanced GaAs Schottky Barrier Diode Detection System
- LED Bar Graph Displays Relative Signal Strength

The separate tones for X and K bands help you to evaluate and react quickly to "what's down the road". Detects moving, stationary, hand-held pulse or CW radar signals. The exclusive *FAST* (False Alert Suppression Technology) signal processor reduces false alarms without compromising sensitivity. Selectable tone and/or warning alert light pulse faster as you approach the speed radar. Fully adjustable volume control. City/highway sensitivity switch for best coverage in all types of driving conditions. On/off power switch with LED "on" indicator. Sensitivity: X-band, −114 dBm/cm²; K-band, −102 dBm/cm². 7/8 x 3 1/2 x 4 7/16". Plugs into 12VDC neg. gnd. lighter socket. **22-1621** 149.95

Reliable, Sensitive Dual-Conversion Superhets Are a Safe Driver's Best Buddy!

TSP Available

TSP Available   **TSP Available**

NEW FOR 89

179⁹⁵ Low As $15 Per Month ★

129⁹⁵ Low As $15 Per Month ★

99⁹⁵ Low As $15 Per Month ★

Hidden-Remote. No more worry about hassles or vandals! Detector mounts behind grille or under bumper, and the control unit mounts anywhere in the passenger compartment. Warning light and/or tone pulse faster as you approach speed radar. High/low sensitivity. Adjustable buzzer volume. Advanced GaAs Schottky diode microwave section and *FAST* signal processor assure maximum range with a minimum of false alarms. Sensitivity: X-Band, −110 dBm/cm²; K-Band, −102 dBm/cm². With 16-foot control cable. Control Unit: 1 3/32 x 3 11/32 x 2 11/32"; Remote: 1 3/4 x 3 1/2 x 3 3/4". 12VDC pos. or neg. gnd. **22-1614** 179.95

Full-Featured. GaAs diode front end. *FAST* circuit. Switch selects geiger-type warning light and/or tone. City/highway sensitivity and high/low volume switches. With dash-or-windshield bracket, visor clip, hook-and-loop fasteners. Sensitivity: X-Band, −108.5 dBm/cm², K-Band, −100.5 dBm/cm². 1 9/32 x 3 15/32 x 4 1/8". Plugs into 12 VDC pos. or neg. gnd. lighter socket. **22-1618** 129.95

Super-Sensitive Compact. Reliable protection in a discreet 7/8 x 3 1/2 x 4 1/4" size, at a breakthrough low price. GaAs diode front end. *FAST* circuit reduces false alarms without reducing range. Detects all X and K radar systems. Switch selects geiger-type warning light and/or tone. City/highway sensitivity and high/low volume switches. With dash-or-windshield bracket, visor clip, hook-and-loop fasteners. Sensitivity: X-Band, −113 dBm/cm²; K-Band, −105 dBm/cm². Plugs into 12VDC neg. gnd. lighter socket. **22-1619** 99.95
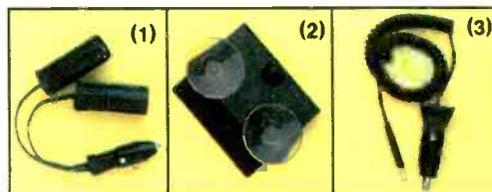
(1) **Y-Adapter.** Powers detector and another 12VDC accessory from one cigarette lighter outlet.
270-1535 .... 5.49
(2) **Suction Cup Mount. 270-034** 6.95
(3) **Universal Coiled 12 VDC Power Cord and Plug.** With four adapters to fit most detectors and 12VDC TVs. 2-amp fuse. **270-1528** 8.99

RADAR DETECTORS NOT OFFERED WHERE SALE IS PROHIBITED BY LAW / USE MAY BE REGULATED BY STATE OR LOCAL LAW

Protective Mobile Alert® Auto Alarms

* Revolving Credit
Available
See Page 3

Car Alarm With Remote Arm/Disarm and Pager

149⁹⁵

**Low As $15
Per Month ★**

- **Remote Arm/Disarm and Panic Button on Keychain Transmitter**
- **Pager Alerts You if Alarm is Triggered**
- **Top Performance at a Down-to-Earth Price**

You don't have to "walk alone" in parking lots anymore! Just push the panic button on the keychain remote in threatening situations and the system comes to life, honking your car's horn, sounding the siren (included) and attracting attention. Transmitter mounts out of sight, attaches to car radio antenna. Range up to two miles. Pin switches mount on hood and trunk. Provision for adding extra switches and sensors. LED minipanel indicates system status. With hardware. Pager requires 9V battery (or AC adapter, extra). Transmitter for 12VDC neg. gnd. **49-795** **149.95**

"Silent" Car Alarm With Pocket Receiver

You Hear Alarm Up to Two Miles Away, But Vandals Don't

79⁹⁵

Alarm signals pager and/or optional siren (see below for selection). Door-mounted sensors. Adjustable sensitivity. With hardware. Receiver requires 9V battery (or use at home with AC adapter, extra). 12VDC neg. gnd.
49-791 . . . . **79.95**
Extra Receiver. Available on special order. **31.95**
AC Adapter. UL listed. **273-1651** **10.95**

Keyless Motion Alarm With Remote

NEW FOR **89**

59⁹⁵

One of the most advanced automobile alarms available today. The motion sensor will detect any abnormal vibrations of the car and sound the alarm if disturbed. Keychain remote arm/disarm/panic, entry/exit delay, automatic arm/reset, valet switch, audible status signal, door and hood/trunk switches and mounting hardware. 12VDC neg. gnd. **49-763** **59.95**

Keyless Alarm With Motion Sensor

NEW FOR **89**

44⁹⁵

- **Adjustable Motion Sensor Detects Vehicle Vibrations**
- **Hassle-Free Valet Switch for Service And Attendant Parking**

The motion alarm is triggered by tampering, jacking, intrusion or attempted towing. Entry/exit delay arms 12 seconds after the last door has been shut. With automatic arm/reset, arming status LED, hood and trunk switches, loud siren, all cables and mounting hardware. 12VDC neg. gnd.
49-759 . . . . **44.95**

Accessories for Your Auto Alarm

(1) Extra-Loud 2-Sound Siren. Emits a piercing sound, rise/fall or steady. Requires 12VDC, 500mA. **49-488** . . **19.95**

(2) Mini Siren. Super-loud 100dB "yelp." With mounting bracket. 12VDC, 240mA. **49-489** **10.95**

(3) NEW! High-Efficiency 2-Sound Piezo Siren. Extra-loud rise-and-fall tone. Weatherproof. 12VDC, 300mA. **49-487** **22.95**

(4) Short Pin Switch. For door, trunk or hood mount in tight spaces. Solderless lug terminals. **49-508** . . . . **Pkg. 2/2.99**

(5) Long-Throw Pin Switches. Crimptype. For hood, trunk or doors. **49-509** . . . . **Pkg. 2/2.89**

Final Additions for Auto Alarms

(1) NEW! Electronic Shock/Motion Sensor. Exclusive circuit detects both shock and motion. Quick response time and very low current drain. Requires less than 5mA at 12VDC. **49-630** **11.95**

(2) Motion Detector Switch. Mounts under hood. Triggers if car is jacked, towed or tampered with. Adjustable sensitivity. **49-520** . . . **5.49**

(3) Hide-A-Key. No more expensive locksmith fees! Grips any flat magnet-holding surface. Buy several for house and car keys. **49-050** . . **99¢**

(4) Window Decals. Let them know your car is "on guard". Low-cost protection! **49-507** . . . . . . **Pkg. 4/1.19**

SALE AND USE OF SIRENS FOR MOBILE USE IS PROHIBITED IN CALIFORNIA AND CERTAIN OTHER STATES

Superb Realistic Stereo Sound Systems—To Go

With Compact Disc Player

299⁹⁵

NEW FOR 89

Low As $15 Per Month★   TSP Available

- Auto Music Search on CD ■ Dolby¹ B NR
- Synchro-Start CD-to-Cassette Dubbing

Realistic® CD-3300. Enjoy extraordinary digital stereo anywhere you would take an ordinary portable! Record Dolbyized¹ cassettes from radio, optional mikes, line-level sources or CD. 4″ full-range speakers. Auto-search music system restarts a CD selection or plays the next one at the touch of a button. Synchro-start activates CD and deck simultaneously for "pro-sounding" recording. Jacks for mikes, headphones and line in/out. $6^1/_4 \times 22^{11}/_{16} \times 5^5/_8$″. UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-527 . . . . 299.95

With CD & Dual Cassettes

419⁹⁵

Low As $21 Per Month★

TSP Available

- High-Speed Dubbing ■ Continuous Play
- 5-Band Equalizer ■ 2-Way Speakers
- Dolby B NR Cuts Tape Hiss and Extends Dynamic Range for Great Stereo

Realistic CD-3301. Our finest portable ever! Experience the amazing sound of compact digital discs anywhere! Copy your personal tapes in half the normal time. Continuous mode plays two tapes in sequence. Record from FM stereo, AM, line-level sources or CD as you listen. Use the 5-band equalizer for custom sound. Features detachable 2-way speakers with 4″ woofers and piezo tweeters. Jacks for mikes, headphones and line in/out. $9^1/_2 \times 25^5/_8 \times 7^3/_8$″. UL listed AC (or 8 "D" batteries or DC adapter, extra). 14-526 . . . . 419.95

4-Track Hi-Speed Dubbing

229⁹⁵

Low As $15 Per Month★

TSP Available

- Dual Cassettes With 4-Track/Hi Speed Dubbing—Record Both Sides at Once
- Five-Band Equalizer ■ Dolby B NR

Realistic Modulaire®-2250. This deck enables you to copy personal tapes four times as fast. Listen to two tapes in sequence automatically, in continuous mode. Records from FM, AM, line-level sources or optional mikes. Dolby system cuts tape hiss and extends dynamic range. Detachable 2-way speakers with $4^1/_2$″ woofers and piezo tweeters. FM stereo and power/battery LEDs. Jacks for headphones, line in/out, speakers, mikes. $9^1/_4 \times 25^1/_4 \times 7^1/_4$″. UL listed AC (or 8 "D" batteries or DC adapter, extra). 14-765 . . . . 229.95

AM/FM Stereo Dual-Cassette Portables

With Synchro-Start Dubbing

NEW FOR 89

99⁹⁵

Low As $15 Per Month★

TSP Available

■ **Synchro-Start Operates Decks Simultaneously**
■ **The Latest in High-Style Design**

Realistic® SCR-36. Carry this versatile portable to make high-quality copies of your personal cassettes. Record directly from FM stereo or AM, or record "live" with the built-in mike. Features auto-level for perfect volume recording every time, and auto-stop to protect tapes and mechanism. 3" two-way speakers. Jacks for headphones. 5¹⁄₈ x 19³⁄₈ x 3³⁄₄". UL listed AC (or 6 "C" batteries, extra).
14-754 .... 99.95

Available Sept. 30, 1988

Slim Style & Hi-Speed Dubbing

TSP Available

119⁹⁵

Low As $15 Per Month★

■ **Copy Your Personal Tapes in Half the Time**
■ **Built-In 3-Band Equalizer** ■ **Two-Way Speakers**

Realistic SCR-33. Plays two tapes in sequence, automatically. You can also record directly off-the-air or "live" stereo with built-in mikes. The 3-band equalizer provides frequency control superior to ordinary bass and treble controls. Features 2-way speakers with 3" woofers and piezo tweeters, soft-eject cassette doors. Jacks for headphones and mikes. 5¹⁄₈ x 18 x 4¹⁄₂". UL listed AC (or 5 "D" batteries, extra).
14-750 .... 119.95

Full-Size & Hi-Speed Dubbing

TSP Available

139⁹⁵

Low As $15 Per Month★

■ **Continuous Mode Plays Two Tapes in Sequence**
■ **Auto-Level for Perfect-Volume Recordings**

Realistic SCR-31. Big sound you can carry around! Make magnificent copies of personal tapes in half the time. Record radio or "live" with built-in mikes. Synchro-start activates and stops both decks simultaneously. Auto-stop at end of tape. 3" speakers. Jacks for headphones and mikes. 7¹⁄₂ x 20¹⁄₂ x 4⁵⁄₈". UL listed AC (or 5 "D" batteries or DC adapter, extra). **14-799** 139.95

Hi-Speed Dubbing & Dolby† B NR

TSP Available

189⁹⁵

Low As $15 Per Month★

■ **Built-In 5-Band Equalizer for Super Sound**
■ **Built-In Mikes** ■ **Auto-Level Recording**

Realistic Modulaire-850. Copy personal tapes in half the normal time and make Dolbyized† recordings from radio or line-level sources. Add mikes for "live" stereo. Convenient auto-level recording. Five-band EQ for fine-tuned response. Detachable 2-way speakers. Jacks for headphone, line in, speakers and mikes. 8³⁄₄ x 24 x 5⁷⁄₈". UL listed AC (or 6 "D" batteries or DC adapter, extra). **14-770** 189.95

STEREO-MATE® Personal Cassette Players

Our Best! AM/FM Stereo With Dolby* NR

NEW FOR 89

99⁹⁵

Low As $15 Per Month *

TSP Available

Auto-Reverse Plays Both Sides of Tape Automatically

*TM Dolby Laboratories Licensing Corp.

Realistic SCP-27. Dolby NR cuts tape hiss and extends dynamic range for superior playback. Metal/normal tape switch. Low-battery LED. Belt clip. $4\frac{3}{4} \times 5\frac{5}{16} \times 1\frac{1}{2}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1047** **99.95**

Dynamic AM/FM Stereo With Auto-Reverse

NEW FOR 89

79⁹⁵

TSP Available

Dolby NR Cuts Tape Hiss

Tape Bias Switch For Best Playback

Realistic SCP-25. Selectable auto-reverse plays both sides of a tape once or continuously. Separate right/left volume controls. Belt clip. $5\frac{1}{2} \times 3\frac{3}{8} \times 1\frac{1}{2}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1048** **79.95**

Budget AM/FM Stereo With Auto-Stop

39⁹⁵

TSP Available

Listen to AM/FM Stereo Or Cassette Tapes

FM Stereo & Battery LED

Realistic SCP-24. Tailor the sound with separate left and right volume controls. Auto-stop saves batteries and protects tapes. Detachable belt clip. $5\frac{11}{16} \times 3\frac{11}{16} \times 1\frac{9}{16}$". Requires 3 "AA" batteries or DC adapter. **14-1039** **39.95**

NEW FOR 89

Stereo Cassettes With the Features You Want

(1) (2) (3) **TSP Available** (4) (5)

(1) Realistic SCP-28. Has left/right volume. Belt clip. $3\frac{3}{4} \times 5\frac{5}{16} \times 1\frac{5}{8}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1067** **19.95**

(2) Realistic SCP-26. Weatherproof housing makes it ideal for outdoor listening. Belt clip. $4\frac{3}{4} \times 4\frac{1}{8} \times 1\frac{3}{4}$". Requires 2 "AA" batteries. **14-1066** **29.95**

(3) Realistic SCP-20. Built-in equalizer, auto-stop, belt clip. $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{5}{16}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1034** . . **29.95**

(4) Realistic SCP-22. Features right/left volume, auto-stop. Belt clip. $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{3}{8}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1035** **24.95**

(5) Realistic SCP-19. Our best personal cassette player without a radio. Dolby B NR reduces tape hiss and extends dynamic range. Auto-reverse. Metal-CrO_2/normal switch. Low battery, tape direction LEDs. Belt clip. $4\frac{3}{4} \times 3\frac{1}{2} \times 1\frac{3}{8}$". Requires 2 "AA" batteries or AC or DC adapter. **14-1033** **59.95**

Amplified Speakers

49⁹⁵ Pair

Carry Case

Add speakers to your STEREO-MATE. See page 27 for details. **40-1259** **49.95**

Mini Stereo Speakers

19⁹⁵ Pair

Separate $2\frac{1}{2}$" square speakers for better stereo realism. For $\frac{1}{8}$" stereo headphone jack. $3\frac{5}{8} \times 2\frac{7}{8} \times 1\frac{3}{4}$". **40-165** **19.95**

Micro Speaker System

9⁹⁵

Dual $1\frac{1}{2}$" speakers in a tiny $3\frac{1}{8} \times 3\frac{1}{4} \times 1\frac{1}{4}$" enclosure! Plugs into $\frac{1}{8}$" headphone jack. **40-155** **9.95**

Stereo 'Phones

5⁹⁵

Nova-34. Lightweight (two ounces!), yet you get full-range stereo! Foam earpads, adjustable headband. 4-foot cord. $\frac{1}{8}$" plug. **33-1000** **5.95**

PORTABLES ON THIS PAGE HAVE $\frac{1}{8}$" JACKS FOR ADDING THE LIGHTWEIGHT HEADPHONES OR SPEAKERS OF YOUR CHOICE

Sound Buys! Realistic Portable Cassettes

High-Style AM/FM Stereo Cassette

- **Auto-Stop Saves Batteries and Protects Tapes**
- **Auto-Level Recording**
- **Mono/Stereo Switch for Best FM Reception**

NEW FOR 89

59⁹⁵

TSP Available

Realistic SCR-34. Delivers big stereo sound at a price that almost anyone can afford! Listen to your favorite cassette tapes, FM stereo or AM. Record directly from radio stations while you listen or "live" with the built-in microphone. Auto-level adjusts recording level for best sound. Two-position tone switch adjusts the sound to suit your taste. Includes shoulder strap. 4³/₈ x 12¹/₄ x 2¹/₂". UL listed AC (or 6 "AA" batteries or DC adapter, extra). **14-752** **59.95**

AM/FM Stereo Cassette Recorder With Aux Input

69⁹⁵ **NEW FOR 89**

Available Sept. 30, 1988 **TSP Available**

Accepts an External Source

Realistic SCR-35. Balance and tone controls, two 3¹/₂" speakers, built-in mikes. Jacks for adding external mikes, speakers, ¹/₈" headphone. 6³/₄ x 15³/₄ x 3³/₈". UL listed AC (or 6 "C" batteries or DC adapter, extra). **14-753** **69.95**

Lowest Priced AM/FM Cassette Recorder

39⁹⁵

Auto-Stop at End of Tape In Record and Play Modes

TSP Available

Realistic CTR-78. Big 3¹/₂" speaker delivers excellent monaural sound. Auto-stop helps prevent tape damage. Rotary volume and tuning controls. Pause control for editing as you record. Telescoping antenna. 7⁵/₈ x 11³/₄ x 3¹/₈". UL listed AC (or 4 "C" batteries or AC or DC adapter, extra). **14-1038** **39.95**

Personal Stereo Recorder

NEW FOR 89

79⁹⁵

TSP Available

Available Sept. 30, 1988

Playback Through Your Stereo Headphones Or Built-In Mono Speaker

Realistic SCP-29. Record "live" in stereo anywhere with built-in mikes! Features cue/review, tape counter and left/right volume controls. Jacks for external mikes. 5¹/₈ x 3⁹/₁₆ x 1¹/₂". Requires 2 "AA" batteries or AC or DC adapter. **14-1068** **79.95**

Sing-Along Player

NEW FOR 89

21⁹⁵

Available Sept. 30, 1988

Lets Kids "Perform" Favorite Tunes

Radio Shack CTP-70. Kids can sing along with cassettes using detachable mike. Oversize play, fast-forward and stop/eject buttons. Separate tape/sing-along volume controls. Auto-stop. 8³/₈ x 7³/₄ x 2³/₈". Requires 4 "C" batteries or DC adapter. **14-851** **21.95**

Kiddie Recorder

26⁹⁵

TSP Available

Kids Can Play And Record Cassettes Anywhere

Realistic CTR-63. This high-impact recorder is designed especially for children. Auto-stop turns recorder off at tape end—saves batteries when youngsters forget to turn it off. Built-in mike. 8¹/₈ x 6⁷/₈ x 2³/₄". Requires 4 "C" batteries or AC or DC adapter. **14-846** **26.95**

Tape Recorder/Radio

NEW FOR 89

29⁹⁵

Mike is in Handle for Convenient Recording

Radio Shack CTR-80. Kids can enjoy their favorite cassettes or AM stations and make "live" recordings anywhere! Auto-stop, function selector switch, rotary volume control and 3" speaker. Earphone jack. 7⁷/₈ x 9 x 2³/₈". Requires 4 "C" batteries or AC or DC adapter. **14-850** **29.95**

Microcassette Recorders and Accessories

NEW FOR 89

(1) (2) (3)

TSP Available for All Models

Microcassette Recorders

Record Up to Three Hours on One MC-90 Tape
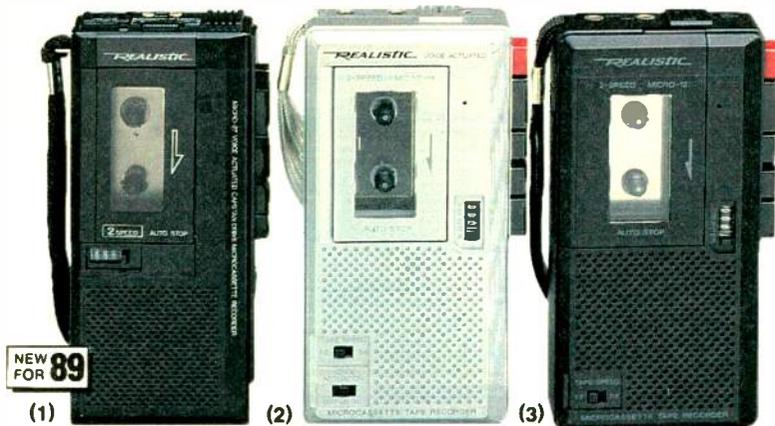
(1) Realistic® Micro-27. Fits in your palm—only ¾" thin. Voice-actuation starts/stops recording with the sound of your voice. Fast-play mode increases playback speed while keeping voices understandable. Built-in mike, auto-stop, cue/review, LED record/battery indicator. Capstan drive at 1.2cm/sec or 2.4 cm/sec. 4¾ × 2⅛ × ¾". With case, earphone. Requires 2 "AA" batteries or DC adapter. 14-1044 . . . . **99.95**

(2) Realistic Micro-18. Switchable sensitivity with voice-actuation for hands-free recording. Auto-level, cue/review and 3-digit tape counter. Built-in mike. Auto-stop. Precise capstan drive with variable tape speed. Jacks for external mike. 4⅞ × 2½ × 1¹¹/₁₆". With earphone, wrist strap. Requires 2 "AA" batteries or DC adapter. 14-1042 . . . . **49.95**

(3) Realistic Micro-12. Stylish black finish and same features as Micro-18, without voice actuation. 14-1041 . . . . **39.95**

Tray for Mini & Micro Tapes

Home or Car

Holds 12 mini or microcassettes. Smoke-tinted cover protects tapes. 2 × 2¹³/₁₆ × 7". 44-678 . . . . **2.69**

Micro Head Cleaner

Extends Tape Life

Nonabrasive tape cleans microcassette tape path and restores clarity. 44-1166 . . . . **2.99**

Values in Microcassette and Minicassette Recording Tape

Micro-90
Up to Three Hours Recording
Records 90 minutes at 2.4 cm/sec. and 180 minutes at 1.2 cm/sec. For capstan-drive recorders.
44-644 1-9 . . . . **Each 6.95**
10-Up . . . . **Each 5.98**

Micro-60
Up to Two Hours Recording
Records 60 minutes at 2.4 cm/sec. and 120 minutes at 1.2 cm/sec. For capstan-drive recorders.
44-640 1-9 . . . . **Each 3.49**
10-Up . . . . **Each 3.00**

Mini-30
For Rim-Drive Recorders
For our Minisette® and other brands of rim-drive recorders. 30 minutes of recording time.
44-633 1-9 . . . . **Each 2.89**
10-Up . . . . **Each 2.49**

Low-Noise 8-Track Recording Tape

40 and 80-Minute

Record Min.	Cat. No.	1-11	12-24	25-49	50-Up
40	44-840	2.59	2.33	2.07	1.81
80	44-841	3.39	3.05	2.71	2.37

Recommended for all general-purpose recording. Lubricated, continuous loop, polyester base.

Open-Reel Recording Tape

Supertape® Premium. Wide dynamic range, low noise. Polyester base.

Reel Size	Feet	Mil	Cat. No.	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®

Low Budget Price

Specially designed for general purpose recording—both voice and music. Heavy-duty 1-mil. Polyester base, 1800 feet. 7" reel.
44-1018 . . . . **2.99**

Tape Reels With Boxes

Tough Plastic Reels

Low cost way to replace warped or damaged reels. Hinged box design with handy index and timing charts.
5" Reel. 44-278 . . . . **99¢**
7" Reel. 44-279 . . . . **1.39**

Radio Shack Has The Power Adapter You Need for Portable Recorders

- Convert Your Portable to Two or Three-Way Power
- Plug Into Home Outlet or Car's Cigarette Lighter

Stop wasting batteries and start saving money! These adapters will power your portable tape recorder from 120VAC house current or 12VDC mobile power. Especially useful for reviewing lengthy recordings at home or out on the road in your car. Safe and simple to use. Just plug into the external AC or DC adapter jack on your portable recorder and enjoy unlimited hours of cassette recording or playback. Buy one for your home and car!

Cat. No.	AC	Price	DC	Price	Cat. No.	AC	Price	DC	Price
14-0526	*	*	270-1534	5.49	14-1038	*	*	14-844	6.95
14-0527	*	*	270-1534	5.49	14-1039	273-1650	12.95	270-1560	11.95
14-0750	*	*	270-1562	13.95	14-1041	273-1435	6.95	270-1560	11.95
14-0752	*	*	14-844	6.95	14-1042	273-1435	6.95	270-1560	11.95
14-0753	*	*	14-844	6.95	14-1044	273-1435	6.95	270-1560	11.95
14-0754	*	*	270-1562	13.95	14-1047	273-1654	13.95	270-1560	11.95
14-0765	*	*	270-1534	5.49	14-1048	273-1654	13.95	270-1560	11.95
14-0770	*	*	270-1562	13.95	14-1051	273-1454	7.95	14-844	6.95
14-0797	*	*	270-1562	13.95	14-1052	*	*	14-844	6.95
14-0800	273-1454	7.95	14-844	6.95	14-1053	*	*	14-844	6.95
14-0808	*	*	14-844	6.95	14-1054	273-1654	13.95	270-1560	11.95
14-0846	273-1454	7.95	14-844	6.95	14-1055	273-1654	13.95	270-1560	11.95
14-0850	273-1454	7.95	14-844	6.95	14-1056	273-1454	7.95	14-844	6.95
14-0851	273-1454	7.95	14-844	6.95	14-1057	273-1454	7.95	14-844	6.95
14-1033	273-1435	6.95	270-1560	11.95	14-1060	*	*	270-1562	13.95
14-1034	273-1435	6.95	270-1560	11.95	14-1067	273-1654	13.95	270-1560	11.95
14-1035	273-1435	6.95	270-1560	11.95	14-1068	273-1654	13.95	270-1560	11.95

*Not Required. AC Power Supply Built-In

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Portable Cassette Recorders and Players

Revolving Credit Available See Page 3

Voice-Actuated & Desktop Portable Recorders

(1) Realistic CTR-73. Our best "notetaker" with auto-stop at end of tape. Has built-in mike, tone control, tape counter, LED record/battery indicator and auto-level. 1¾ x 5½ x 10½". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1053 . . . . **49.95**

(2) Realistic CTR-71. Built-in mike and auto-level for clear recording. Has cue/review, auto-stop and a jack for adding an external mike. With earphone. 1⅞ x 5⅝ x 9¾". Requires 4 "C" batteries or AC or DC adapter. 14-1051 . . . . **29.95**

(3) Realistic CTR-72. AC/DC operation plus easy editing. Auto-level. Convenient cue/review controls for easy editing. Built-in mike. 1⅞ x 5⅝ x 9¾". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1052 . . . . **37.95**

(4) Realistic CTR-75. Easy-to-use voice-actuation prevents silent gaps to save you tape and time. Cue/review finds selections easily. Auto-level, tape counter and mike switch. Jacks for earphone, remote mike. 1¼ x 5⅝ x 7¹/₁₆". Requires 4 "AA" batteries or AC or DC adapter. 14-800 . . . . **59.95**

(5) Minisette®-19. Compact size with auto-stop, auto-level and built-in microphone. Jack for earphone. Requires 2 "AA" batteries or AC or DC adapter. 4¾ x 3⅜ x 1⅜". 14-1054 . . . . **27.95**

(6) Minisette-20. Voice-actuation, auto-stop and built-in mike. Cue/review, tape counter, hi/lo tone switch, battery/record LED. Jack for adding remote mike. 4½ x 3¼ x 1½". With earphone. Requires 2 "AA" batteries or AC or DC adapter. 14-1055 . . . . **59.95**

(7) Minisette-21. Voice-actuation, one-touch recording. Built-in mike has sensitivity switch and auto-level. Cue/review, LED for record/battery check. Jacks for adding earphone and external mike. 6 x 3⅝ x 1½". Requires 4 "AA" batteries or AC or DC adapter. 14-1057 . . . . **39.95**

(8) Realistic CTR-85. Voice-actuation, auto-level, cue/review, tape counter, built-in mike, pause control. Battery/record LED. Jacks for earphone, remote mike. 4 x 7 x 1⅝". Requires 4 "AA" batteries or DC adapter. 14-1056 . . . . **49.95**

NEW FOR 89 **49⁹⁵** (1)

(2) **29⁹⁵**
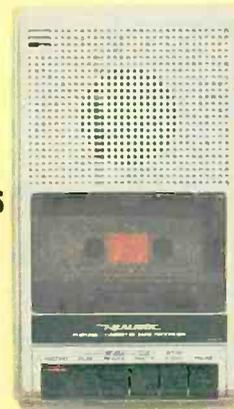
(3) **37⁹⁵**

NEW FOR 89 **27⁹⁵** (5)

TSP Available For All Models

NEW FOR 89 **59⁹⁵** Available (6) Sept. 30, 1988
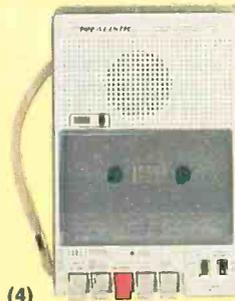
(4) **59⁹⁵**

NEW FOR 89 **39⁹⁵** Available Sept. 30, 1988

(7)

49⁹⁵ (8)

Switchable Auto-Level Recorder

59⁹⁵

TSP Available

- Built-In Mike
- Aux Input for External Audio Source
- 5-Segment LED Recording Meter

Realistic CTR-68. Switch auto-level "on" for perfect-volume recordings of speech, or switch it off for wider dynamic range when recording music. Cue/review and tape counter for finding recorded passages quickly. Has auto-stop and pause, volume and tone controls, and jacks for remote mike and earphone. 2⅛ x 9¹¹/₁₆ x 6¾". Requires 4 "C" batteries or AC or DC adapter. 14-808 . . . . **59.95**

Variable Speech Control Cassette

79⁹⁵

TSP Available

Saves Listening Time by Playing Recorded Material Up to Twice Normal Speed

Realistic VSC-2000. The first choice of students! Electronically gives you faster, yet normal-sounding speech playback with any standard cassette. The best way to review notes, speeches or audio books. Cue/review and tape counter make editing fast and easy. Auto-level and built-in mike. Jack for adding external mike. 2¹/₁₆ x 10¹/₁₆ x 6⅝". With earphone. UL listed AC (or 5 "C" batteries or DC adapter, extra.). 14-1060 . . . . **79.95**

RADIO SHACK HAS EVERYTHING IN RECORDERS AND ACCESSORIES 61

Radio Shack Cassettes–Great Sound & Value

MIV—Our Best! Type IV High-Tech Metal

C-60 Low As **4¹⁹** 48-Up — **Coated With Fine-Grain Metal Particles For Greater High-Frequency Headroom**

You won't believe how good it sounds. Enjoy audio reproduction that is virtually indistinguishable from open-reel recordings. Highly recommended for recording from digital compact disc. For recording on metal-capable equipment only. Plays back on all cassette equipment. Precision 5-screw housing. Hinged storage box.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
MIV 60	60 Minutes	44-960	5.99	5.39	4.79	4.19
MIV 90	90 Minutes	44-961	6.99	6.29	5.59	4.89

HD Hi-Definition Type II Chrome-Equivalent

C-60 Low As **2⁴⁴** 48-Up — **Captures the Loudest and Softest Passages While Reducing Noise**

Get excellent low-noise recordings on decks with CrO_2/hi-bias position. Plays on all cassette equipment. Has special leader that helps keep tape heads clean and your recordings sounding their best. Includes hinged storage box and handy index card. It's really a great tape value, so stock up.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
HD-60	60 Minutes	44-940	3.49	3.14	2.79	2.44
HD-90	90 Minutes	44-941	4.29	3.86	3.43	3.00

LN Low-Noise Type I Standard Ferric

C-30 Low As **1¹¹** 48-Up — **High Output and Wide Frequency Response, Low Noise and Distortion**

Standard tape with above-standard sound. Special High Flux-Density oxide formula. Precision housing reduces wow and flutter. Hinged storage box with index card. Quality and value from Radio Shack.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
LN-30	30 Minutes	44-601	1.59	1.43	1.27	1.11
LN-60	60 Minutes	44-602	1.99	1.75	1.59	1.39
LN-90	90 Minutes	44-603	2.79	2.51	2.23	1.95
LN-120	120 Minutes	44-604	3.49	3.14	2.79	2.44

MII Metal Type II for Hi-Bias/CrO_2 Decks

C-60 Low As **3⁴²** 48-Up — **Captures the Subtle Harmonics of Fine Recordings for Lifelike Playback**

A superior metal tape for recording on equipment with CrO_2/hi-bias 70µs EQ position. Delivers super-wide dynamic range and superior signal-to-noise ratio for cleaner, more musically "detailed" recordings. Plays on all cassette equipment. Has a leader to start each recording with clean heads. Hinged storage box included.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
MII-60	60 Minutes	44-950	4.89	4.40	3.91	3.42
MII-90	90 Minutes	44-951	5.69	5.12	4.55	3.98

XR Extended-Range Type I Premium Ferric

C-45 Low As **1⁸¹** 48-Up — **For Optimum Performance at Normal Bias for Greater Musical "Detail"**

Audiophile-quality tape at a low Radio Shack price! Precision housing reduces wow and flutter for a more stable recording. For recording and playback on all cassette equipment. Non-abrasive head-cleaning leader. Hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
XR-45	45 Minutes	44-920	2.59	2.33	2.07	1.81
XR-60	60 Minutes	44-921	2.79	2.51	2.23	1.95
XR-90	90 Minutes	44-922	3.79	3.41	3.03	2.65
XR-120	120 Minutes	44-923	4.99	4.49	3.99	3.49

Concertape® Type I—Quality at Low Cost

3-Packs C-30 Low As **1⁷⁹** 12-Up

Type	Total Recording Time	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 Minutes	44-606	1.99	1.79
C-60	60 Minutes	44-607	2.59	2.33
C-90	90 Minutes	44-613	3.59	3.23
C-120	120 Minutes	44-614	4.99	4.49

Singles C-60 Low As **88¢**

Type	Record Time	Cat. No.	Each
C-60	60 Min.	44-605	.88
C-90	90 Min.	44-620	1.25

WHEN IN FORT WORTH, VISIT AND SHOP TANDY CENTER DOWNTOWN, HOME OF RADIO SHACK WORLD HEADQUARTERS

The Best Buys in Recording Accessories

Bulk Eraser

Erases Tapes in Seconds

Fast, complete erasing. For floppy disks, too. Not for metal or video tape. UL listed AC. **44-232** **17.95**

Universal Demagnetizer

Helps Cut Tape Hiss

Improves S/N ratio. For cassette, 8-track and open-reel heads. Two angled tips. UL listed AC. **44-225** **9.95**

Lighted Demagnetizer

3½" Lighted Probe

Helps find heads. Works with all tape decks. With instructions. UL listed AC. **44-207** **13.95**

Cassette Head Demagnetizer

Loads like ordinary cassette, works in one second. With LED indicator, battery. **44-1165** **9.95**

Demag/Cleaner

5-Piece Kit

Everything you need. Demagnetizer cassette, probe, mirror, solution, cloth. **44-1167** **5.95**

Liquid-Action Cleaner Cassette

Felt pads and unique wiping action clean head, roller and capstan. With ½-ounce of fluid. **44-1163** **3.99**

Cassette Head Cleaner

Extends Tape Life

For all cassette decks. Non-abrasive tape restores record and playback clarity. **44-1160** **1.89**

Cassette Cleaning Kit

Extends tape life by removing oxides from head and capstan. With cleaning fluid. **44-1162** **2.69**

Professional Head Cleaning Kit

For audio and video. With 6-dram bottle of Freon TF™ solvent and six foam swabs. **44-1170** **2.59**
TM E.I. duPont de Nemours & Co., Inc.

Recorder Cleaner Kit

Long-Reach Swabs

With 1¼-oz. bottles of recorder cleaner and lubricant, plus 10 swabs. Gets hard-to-reach spots. **44-217** **1.89**

Pro-Style Solvent

Reduces Distortion

Freon TF™ dissolves dirt and oxides on record and playback heads for improved performance. 2 oz. **44-1171** **2.39**

Cleaner Spray

For All Tape Heads

Zero-residue spray cleans dirt and oxide deposits, improves clarity. 6 oz. **44-1014** **1.99**

Head Cleaner Solution

Cleans heads, tape guides, capstan rollers and metal parts to prevent distortion. 2 oz. **44-1010** .... **99¢**

Foam Swabs

Ultra-Thin

NEW FOR **89**

For cleaning in crevices. Antistatic. Flexible. **44-1001** .. Pkg. 10/**1.99**

Cleaning Swabs

Clean your delicate audio and video equipment like the pros. Lintless foam. Reusable. **44-1094** ...... Pkg. 10/**1.95**

Cleaning Sticks

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

"Non-Slip" Solvent

Helps Reduce Wow & Flutter

Stops slippage of idler wheels, belts and cords. Fast drying. Won't harm rubber. 2 oz. **44-1013** .... **99¢**

Cleaning Cloths

All Purpose

Chemically treated to gently clean tapes, equipment, dust covers. **44-1088** .... Pkg. 4/**1.79**

Deluxe Cassette Tape Splicer

Chromed cut/trim lever. With one roll splicing tape and instructions. **44-214** **6.49**

Editing Block

For All Tape Sizes

Aluminum splicer has 90° and 45° cutting guides. With cutting blade, mounting strip. **44-224** **3.99**

Universal Splicer

Dual-guide design is ideal for tape-to-tape editing. Levers secure tape for precise cuts. With blade, instructions. **44-216** **1.99**

Splicing Tape

Resists age, heat, humidity. 100" roll.

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

Leader Tape

For indexing and/or protecting your tape. 7/32 x 200" roll. **44-1131** .... **99¢**

Sensing Tape

Metallic

Stops or reverses recorders having either contact or photo-sensing systems. 100" roll. **44-1155** **1.99**

Tape Housing

Replace your damaged or sun-warped cassette housing. Easy to load. Includes 24" of leader tape and instructions. **44-626** **1.19**

Cassette Boxes

Protect your valuable tapes. Hinged see-through type for easy identification. **44-611** ...... Pkg. 3/**1.19**

Cassette Index Labels

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

Cassette Index Cards

Replace original cards. Plenty of room to list newly recorded selections. Fit standard cassette boxes. **44-623** ... Pkg. 20/**1.19**

Molded Cassette Mailers

Great for sending cassette "letters" or music demo tapes. Comply with First Class postal regulations. With labels. **44-608** ..... Pkg. 3/**89¢**

Budget Cassette Mailers

Economical way to send "voice letters." Heavy-duty cardboard boxes meet First Class postal regulations. With labels. **44-632** ... Pkg. 6/**79¢**

Double Header 8-Track Cleaner

Insert for 10 seconds—one end for head, other for capstan rollers. Non-abrasive, efficient. **44-208** **3.59**
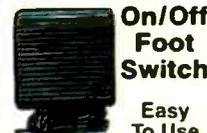
On/Off Foot Switch

Easy To Use

Remote control switch for hands-free on/off capability. Ideal for typing from dictation. Sub-mini plug. **44-610** **3.49**

Phone Pickup Coil

For high-quality recordings of personal phone calls. Suction cup fastens on phone receiver. With cord, 1/8" mini-plug. **44-533** **1.99**
May be incompatible with electronic phones

Car/Boat Adapter

For Most Portables

Plugs into lighter socket. Switchabel 6V/9V DC output. Fused. 12VDC neg. gnd. **14-844** **6.95**

Organizers and Protectors for Audio/Video

Audio Cassette Case

17⁹⁵

Both Ends Open

Holds 60 boxed or 120 unboxed tapes. Handles even the biggest collections. **44-679** **17.95**

Deluxe Audio Tape Case

14⁹⁵

Holds 30 boxed or 60 unboxed tapes in rip-stop material case with padded interior. **44-686** **14.95**

Audio Tape Carry Case

9⁹⁵

Holds Up To 48 Cassettes

Holds 24 boxed or 48 unboxed tapes. Heavy-gauge vinyl, snap latch, carry handle. **44-658** .. **9.95**

Audio Cassette Case

6⁹⁵

For Up to 24 Tapes

Holds 12 boxed or 24 unboxed cassettes. Deluxe vinyl. Snap latch, carry handle. **44-657** **6.95**

Cassette Case

7⁹⁹

Holds 15 boxed tapes or most personal players and tapes. Carry handle. **44-688** **7.99**

Audio Tape/CD Case

9⁹⁵

Carry Strap

Holds 18 tapes or 10 single CDs. **44-687** **9.95**

Universal Carry Case

9⁹⁵

With Strap

Holds 10 audio cassettes or personal stereo. Rip-stop fabric. **44-681** **9.95**

STEREO-MATE Case

NEW FOR 89 **7⁹⁵**

Really Tough

Padded black nylon. Zipper closure, belt loop and carry strap. 7 × 4³/₈ × 1³/₄". **44-689** **7.95**

Audio Cassette Racks

Set of 2 **2⁹⁹**

Smoked acrylic racks hold ten cassettes each for a total of 20. **44-682** **2.99**

Handy Audio Cassette Tray

3⁵⁹

Holds 15 Tapes

Tinted cover keeps dust out, guards tapes. Molded construction. **44-665** **3.59**

Audio Cassette Module

2²⁹

For 10 Boxed Or 16 Unboxed

Modules interlock and stack horizontally or vertically. **44-685** **2.29**

Folding Audio Albums

Low As

3⁹⁵

12-Cassette. It saves space! Cassettes snap in/out. **44-612** **3.95**
24-Cassette. 44-609 .... **7.39**

Tape Rewinder

29⁹⁵

Saves time, saves wear on VCR heads. Requires 4 alkaline "C" batteries or AC adapter. **44-1140** **29.95**

Universal VCR Cover

5⁹⁵

See-Thru Front

Static-resistant vinyl keeps out damaging dust. Fits most VCRs. 5 × 18 × 13¼". **44-1182** .. **5.95**

Deluxe VCR Cover

NEW FOR 89

9⁹⁵

Quilted to protect your machine and to let heat escape. 4 × 17½ × 14". **44-1183** **9.95**

Video Tape Racks

5⁹⁹

Set Of 2

Smoke-colored molded racks each hold six Beta or six VHS video tapes for a total of 12. **44-1197** **5.99**

Video Tape Library Albums

2⁹⁹

Set of 3

Protects and organizes VHS or Beta tapes, book-style. **44-1105** .... **Pkg. of 3/2.99**

Video Mailer Storage Case

2⁴⁹

Labels Included

U.S. Postal Service-approved. Ideal for long term dust-free storage of VHS or Beta. **44-1101** **2.49**

Video Index Log Book

5⁹⁹

Keep track of your tapes! Videolog creates a quick reference for your video tape library. **44-1176** .. **5.99**

Video Module

4⁹⁹

Holds Six Tapes

Stores VHS and Beta tapes. Interlocks to expand storage. **44-1102** **4.99**

Relabeling Kit

1⁴⁹

Uniform Labeling

For VHS or Beta video cassettes. Includes 10 label sets. **44-1103** **1.49**

Removable Relabeling Tape

1⁹⁹

Removable

Neatly label frequently-recorded cassettes. ³/₄ × 700" roll. **44-1156** **1.99**

Video Labeling Kit

For Neat Labels

1⁹⁹

Twenty label cards and 10 adhesive-backed holders. **44-1104** **1.99**

Radio Shack Supertape® Video Cassettes

The Standard Of Excellence for Recording and Playback
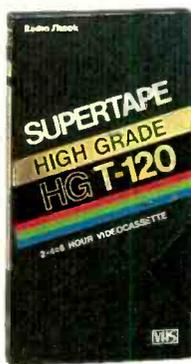
5⁹⁹ **5⁹⁹** **7⁹⁹** **7⁹⁹** **9⁹⁹** **7⁹⁹**

VHS T-120 Video Cassette. Six hours recording time. Excellent color stability and consistently clear picture. Compatible with all standard VHS recorders.
44-400 .... 5.99
Beta L-750 Video Cassette. 4½ hours recording time. Long-life particle formation—preferred for time-shift recording. 44-475 ..... 5.99

VHS T-120 SUPERTAPE HG. Exceptional resolution and color reproduction at slow speed plus superior audio reproduction.
44-410 .... 7.99
Beta L-750 SUPERTAPE HG. For incomparable picture and sound play after play. Recommended for your archival-quality recordings.
44-480 .... 7.99

VHS T-120 Pro High-Grade Video Cassette. The right choice for your master recordings. Premium fine-particle formulation delivers exceptional luminance and chroma performance. Use in your hi-fi VCR for rich colors, enhanced detail and extended audio frequency response. Includes protective storage box. 44-411 .... 9.99

VHS T-30 Pro High-Grade Camera Cassette. Specially designed for demanding commercial and semi-pro use. Premium fine-particle formulation produces outstanding chroma and luminance, extended audio frequency response, richer, vibrant colors and razor-sharp detail. Protective storage box included. 44-412 .... 7.99

VHS-C Video Tapes and Cleaner

6⁹⁹ **7⁹⁹** **9⁹⁵**

VHS-C TC-20 SHG Video Cassette. Super High Grade tape for VHS-C camcorders. Exclusive formulation delivers true-to-life colors even after multiple recordings and playbacks. Precision housing. 44-430 .. 6.99

VHS-C TC-20 MHG Video Cassette. Master High Grade for the best results at regular and slow-speed recording. Delivers vivid colors, fine detail and improved sound. 44-431 .... 7.99

VHS-C Automatic VCR Cleaning System. Keeping your recorder's heads clean reduces wear, noise and improves picture quality—and it's easy, too. Just put fluid in cassette, load into camcorder and "play" to thoroughly clean heads. With fluid. 44-1187 .... 9.95

VCR Cleaning Systems

■ Our Best—For Beta and VHS
■ Load Like a Tape to Clean

Nonabrasive system thoroughly cleans heads, capstans, pinch rollers and guides. Takes only 20 seconds or less. Just put cleaning fluid into the special cassette, load it into your VCR, and press the play button. Use whenever needed to restore maximum video and audio performance.
For Beta. 44-1186 .... 12.95
For VHS. 44-1185 .... 12.95

Wet/Dry VCR Cleaner

9⁹⁵ ■ Our Better System
■ Cleans Wet and Dry

NEW FOR 89

Improve your record/play quality. Alternating sections of wet and dry cleaner tape pass through your machine. Wet tape disolves harmful deposits, dry carries them away. For VHS equipment. 44-1145 .... 9.95

Bulk Tape Eraser

29⁹⁵
For Beta, VHS and Audio Tape

Erases faster, more completely than recorder's erase head. UL listed AC. 44-233 .... 29.95

VCR Cleaning Kit

9⁹⁵
Complete Care System

With brush, mirror probe, glove, Freon TF™. 44-1172 .... 9.95
TM E.I. DuPont de Nemours & Co. Inc.

Dry Cleaning System

6⁹⁵ ■ Our Economy System
■ Keeps Heads Clean

NEW FOR 89

Keeps your VCR's heads clean for better video. Removes harmful deposits. Simple to use—just insert into player like a tape. For VHS equipment.
44-1146 .... 6.95

Don't Take Any Chances on the Open Road!

Never Drive Alone Again! Get a Realistic® CB Radio

TSP Available for All Models

Compact With LED Meter

59⁹⁵

(1) Realistic TRC-415. Has ceramic filters for superior selectivity, bright LED channel display, 4-step LED signal/RF power meter and ANL. Remote speaker jack. 2 x 4⁹/₁₆ x 6¹/₂". Negative ground only. 21-1509 .... **59.95**

Channel Up/Down Controls on Mike

89⁹⁵

(2) Realistic TRC-430. Easy-to-read green LED channel display. Convenient channel up/down switches on both mike and front panel. Last-channel memory backup. Phase-locked loop frequency synthesizer. Jacks for adding PA/speakers. 4⁵/₈ x 1³/₈ x 7¹/₄". 21-1514 .. **89.95**

With 6 Channel-Memory Presets

99⁹⁵

Low As $15 Per Month★

(3) Realistic TRC-419. What convenience! One-touch selection of any six channels plus instant Channel 9. "Beeps" to confirm channel choice. Rotary up/down control for all 40 channels. LED channel/PA mode display, ANL. Speaker jacks. 1³/₄ x 7 x 7¹/₄". 21-1512 .. **99.95**

Channel 9 & 19 Priority Switch

99⁹⁵

Low As $15 Per Month★

(4) Realistic TRC-418. Get instant access to emergency Channel 9 or highway info Channel 19. Switchable ANL cuts pulse-type noise. Five-step LED signal/RF power meter. Jacks for adding PA and remote speakers. 1³/₄ x 5¹/₂ x 7³/₄". 21-1511 .... **99.95**

With Both ANL and NB Circuits

129⁹⁵

Low As $15 Per Month★

(5) Realistic TRC-423. Scan to any channel with the fingertip up/down buttons. Large, green LED channel display, 2-color/4-LED S/RF meter. Controls for ANL, NB, Channel 9 priority, mike gain, RF and PA. Jacks for PA and speakers. 1⁷/₈ x 5⁷/₈ x 7¹/₂". 21-1513 .... **129.95**

With Channel 9 Priority Switch

139⁹⁵

Low As $15 Per Month★

(6) Realistic TRC-474. Features switching to emergency Channel 9. Tone and RF gain controls for clearest reception. Switchable ANL cuts pulse-type noise. Three-way PA/CB/Monitor switch. Jacks for PA and remote speakers. 1⁹/₁₆ x 5¹/₂ x 6¹¹/₁₆". 21-1539 .... **139.95**

SSB—Added Range & Channels

199⁹⁵

Low As $15 Per Month★

(7) Realistic TRC-453. Single Sideband (SSB) increases range and provides 40 AM plus 80 SSB channels. Switchable ANL/noise blanker. Digital PLL frequency control. Five-step LED signal/RF power meter. Jacks for PA and remote speakers. 2¹/₄ x 6¹/₈ x 8¹/₈". 21-1566 ... **199.95**

(1) (2) (3) (4) (5) (6) (7)

NEW FOR 89

MOBILE CBs INCLUDE MOUNTING BRACKET AND HARDWARE / 12 VDC NEGATIVE OR POSITIVE GROUND UNLESS STATED OTHERWISE

Archer® Mobile and Base CB Antennas

(1) Deluxe Magnet-Mount. No holes to drill. Mounts on any flat magnet-holding surface. Low-loss coil form, 54" whip. Includes 16-ft. cable and PL-259 connector. **21-960** **37.95**

(2) Base-Loaded Magnet-Mount. Use on any flat magnet-holding surface. Stainless steel whip, heavy-duty spring. 16-ft. cable. **21-940** .. **26.95**

(3) CB/AM/FM "Disguise". Mounts in standard radio antenna hole. 32" stainless steel whip. With 8½-ft. cable, splitter, connectors for CB and radio, hardware. **21-990** **29.95**

(4) No-Hole Trunk-Mount. For center or side of trunk lid. Secures with two set screws. Base loading coil, shock spring. With 16-ft. cable and connector. **21-908** **26.95**

(5) "Shorty" Roof-Mount. Handy snap-in mount. Center-load coil, steel whip and shock spring. With 16-ft. cable. **21-906** **23.95**

(6) Cellular "Look-Alike" Trunk-Mount. No hole to drill. 16-ft. cable. **21-991** **29.95**

(7) Cellular "Look-Alike" Magnet-Mount. No hole to drill. 16-ft. cable. **21-992** **29.95**

(8) 48" Fiberglass Marine Mount. Horizontal or vertical mounting. Works on non-metallic surfaces. With 16-ft. cable and connector. **21-976** **37.95**

(9) Single Truckers II. Heavy-duty mirror-mount adjusts for vertical or horizontal brackets. Center resonator. 58" overall. 10-ft. cable with connector. **21-941** **25.95**

(10) Single Truckers II Fiberglass. One-whip version of Fig. 11. 10-ft. cable. **21-939** ... **26.95**

(11) Fiberglass Twin Truckers. Dual 48" whips for improved front/rear performance. For mounting. 18-ft. cable. **21-945** **44.95**

(12) Gutter-Clamp. Easy to mount in rain gutter, simple to transfer between cars. Center-loaded. Stainless steel spring and whip. About 37" overall. 10-ft. cable. **21-909** **19.95**

(13) Fold-Down Gutter-Mount. Center-loaded. Stainless steel spring and whip. Approximately 38" overall. With 10-ft. cable. **21-947** ... **26.95**

(14) Base Omnidirectional ½-Wave. Fiberglass. Has 16-ft. radiator. Mount bracket. Fits masts up to 1⅝" dia. **21-967** **79.95**

Radio Shack Has Quality CB Accessories for All Your Needs
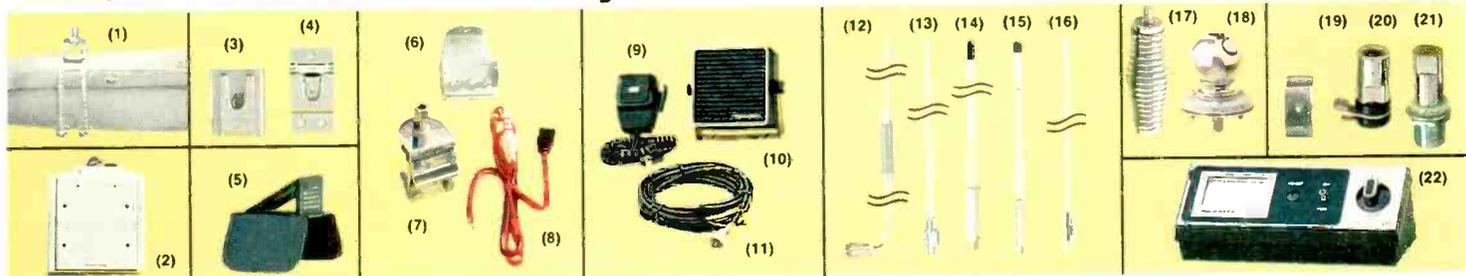
(1) Dual-Chain Antenna Mount. Fits most bumpers. Vinyl chain cover. **21-910** ...**12.95**

(2) Under-Dash Mount. CB slides off bracket for safe storage. **21-566** **14.95**

(3) Magnetic Mike Holder. 21-1130 ..... **1.59**

(4) Mike Clip. With screws. **21-923** **1.29**

(5) Portable Hump Mount. Attaches to transmission hump. **21-540** **17.95**

(6) Gutter Clamp. 21-911 .... **5.99**

(7) Mirror/Luggage Rack Bracket. For whips with std. ⅜"-dia. thread. **21-937** **8.95**

(8) 12VDC 48" Replacement Cord. 3-pin plug. Requires 2-amp fuse. **21-550** **3.29**

(9) Dynamic Mike. DIN-plug. **21-1172** ... **17.95**

(10) Extension Speaker. 10-ft. cable with ⅛" mini-plug. 5 watts, 8 ohms. **21-549** **13.95**

(11) Coaxial Cable Assemblies.
2-Ft. RG58/U. **278-968** **4.29**
5-Ft. RG8/U. **278-969** **6.19**
10-Ft. RG58/U. **278-966** **6.39**
50-Ft. RG8/U. **278-970** **22.95**
50-Ft. RG58/U. **278-971** **11.95**

(12) Back-of-Set CB Antenna. 21-921 .. **7.95**

(13) 102" Stainless Steel Whip. 21-903, **13.95**

(14) 102" Fiberglass Whip. 21-905 .... **12.95**

(15) 48" Fiberglass Whip. 21-934 .... **10.95**

(16) Stainless Steel Whip. Replaces Radio Shack **21-904/908/940. 21-952** **5.95**

(17) Stainless Steel Spring. Chrome-plated. **21-1118** **9.95**

(18) Ball Mount. 21-1115 .... **9.95**

(19) Antenna Hold-Down Clip. Clips to car roof rain gutter. **21-917** **1.99**

(20) Antenna Feedthrough. For whips or coils with standard ⅜"-diameter thread. Fits mount plates up to ⅛" thick. **21-950** **4.99**

(21) Feedthrough/Adapter. One end accepts standard PL-259 connector and the other end accepts whip or coil with ⅜"-diameter thread. **21-961** **4.49**

(22) SWR/Field Strength Meter. Reads SWR to 1kW and RF field strength. **21-525** **18.95**

Realistic® CB Walkie-Talkies Keep You in Touch

Two-Way Radios for Fun, On-the-Job and Travel

(1)

(2)

(3)

(4)

(5)

NEW FOR 89

(6)

Available Sept. 30, 1988

(7)

TRC-216 Has Jack For External Mike (extra)

Carry Case Included

(1) Realistic TRC-87. One Channel, 100 mW. Sensitive superhet receiver for clear reception, up-front combination speaker/mike, side-mounted volume/on-off control and push-to-talk button. With Channel 14 crystals, telescoping antenna, wrist strap. 6½ × 3 × 1¾". Requires 9V battery.
21-1609 . . . . **19.95**

(2) Realistic TRC-89. Three Channels, 300 mW. Battery-test LED indicator, side-mounted volume/on-off control. With Channel 14 crystals. Add optional crystals for two more channels. With telescoping antenna and wrist strap. 8¾ × 3 × 1⅞". Requires 6 "AA" batteries.
21-1611 . . . . **29.95**

(3) Realistic TRC-218. Three Channels, 2 Watts. Auto-modulation and Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and mike for clearest transmission and reception, battery-test LED. With Channel 14 crystals. Add optional crystals for two more channels. 10¼ × 3⅛ × 2½". Requires 8 "AA" batteries or 10 rechargeable batteries. TSP available. 21-1638 . . . . **49.95**

(4) Realistic TRC-219. Three Channels, 3 Watts. Auto-modulation. Range-Boost and center-loaded antenna for maximum talk-power, squelch control, battery-test and modulation LEDs. External antenna and charger jacks. With Channel 14 crystals. Add optional crystals for two more channels. 10¼ × 3⅛ × 2½". Requires 8 "AA" batteries or 10 rechargeable batteries. TSP available. 21-1639 . . . . **59.95**

(5) Realistic TRC-220. Six Channels, 5 Watts. Most powerful you can buy. Ceramic filter for increased selectivity and freedom from adjacent-channel interference. Automatic modulation control maximizes transmit range. Battery condition LED, squelch control to eliminate background noise, hi/lo power-saver switch. Jacks for antenna, battery charger and external speaker. With Channel 14 crystals. Add optional crystals for five more channels. 7½ × 2¾ × 2½". Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. TSP available. 21-1640 . . . . **79.95**

(6) Realistic TRC-217. Forty Channels, 5 Watts. Covers all CB channels, no extra crystals to buy! Phase-locked loop circuitry assures precise frequency control and stability. Range-Boost extends signal reach. Built-in automatic noise limiter, auto-modulation, separate speaker and mike. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Telescoping antenna, channel display/battery-test LED, squelch control, hi/lo power battery-saver switch. External antenna and battery charger jacks. 7½ × 2⅝ × 2¼". Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. TSP available.
21-1644 . . . . **99.95**

(7) Realistic TRC-216. Forty Channels, 5 Watts. Our best walkie-talkie! Ready to use on all 40 channels—no crystals needed! Phase-locked loop circuitry for precise frequency control and stability. LCD channel readout and battery condition/RF meter, hi/lo power battery-saver switch. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Squelch, automatic noise limiter, auto-modulation, separate speaker and mike. Includes jacks for earphone, hand mike, external antenna and battery charger. 8 × 3 × 2³⁄₁₆". Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. TSP available. 21-1663 . . . . **139.95**

Transmit/Receive Crystals

If the CB crystals you want aren't listed below, our "Hotline" can get them (except synthesizer types) delivered to your nearby Radio Shack in a few days. Ask your store manager. No extra charge!

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

Pair Includes One Transmit, One Receive

Accessories

(1)

(2)

(3)

(4)

(5)

(1) Carry Case. For walkie-talkies. 20-004 . . . . **9.95**
(2) Flexible Antenna. 21-980 . . . . **7.95**
(3) Regulated 12VDC Supply. Rated 2.5 amps. UL listed AC.
22-120 . . . . **39.95**
(4) Charger. For 12-15V NiCd batts. UL. 21-516 . . . . . **6.95**
(5) 12VDC Power Cord. 8 foot. Neg. gnd. 270-1533 . . . **3.79**

68   AN FCC LICENSE IS NO LONGER REQUIRED FOR OPERATING CB EQUIPMENT—ANYONE CAN USE CB

CB Radios and Multiband Portables

•Revolving Credit Available See Page 3

"Road Emergency" 2-Way Radio System

NEW FOR 89

69⁹⁵

TSP Available

Call for Help From Inside Your Car

Fitted Case Stores Easily Under Seat or in Trunk

Realistic TRC-409. Couldn't be easier to use. Place magnet-base antenna on roof, plug CB into cigarette lighter, select any of 40 channels—and talk! Instant 1-button access to Emergency Channel 9. LED channel display, up/down channel button, squelch control. Entire system, including antenna, fits in the included travel case. 12VDC neg. gnd. **21-1500** **69.95**

Mobile CB/Weatheradio Receiver

NEW FOR 89

89⁹⁵ TSP Available

- All CB Channels and 3 Weather Channels
- Snap-On Battery Pack

Fitted Case Stores Easily Under Seat or in Trunk

Realistic TRC-475. Safety and convenience! Attach antenna to magnet base, plug into cigarette lighter or use battery pack, then select CB or Weatheradio. Emergency Channel 9 button. Jacks for adding external antenna and DC adapter. Tunes weather on 162.4, 162.475, 162.55 MHz. Stores in travel case. 12VDC or operates with battery pack which requires 8 "AA" alkaline batteries. **21-1515** **89.95**

Mobile/Base Station 2-Way CB Radio With Direct Entry and Last-Channel Recall

139⁹⁵ Low As $15 Per Month★

TSP Available

NEW FOR 89

- Instant Keypad Access to All Channels ■ AC/DC Operation
- Channel 9 and 19 Priority Keys ■ Last-Channel Recall Key

Realistic Navaho® TRC-434. At home or on the road, get your message through with greater reliability and clarity. PLL locks all channels on frequency. Switchable noise blanker and automatic noise limiter. RF gain control prevents overload. Memory stores last channel used. Up/down scan. Five-segment LED signal-strength meter, modulation indicator and LED channel display. Jacks for adding external speaker, headphones and DC adapter. 2¹⁵/₁₆ x 11¼ x 8⅜". UL listed AC or 12VDC pos./neg. gnd. **21-1548** .. **139.95**

Portable Direct-Entry, All-Band Receiver

199⁹⁵

Low As $15 Per Month★

- BFO for Code & SSB
- Tunes 150-29,999 kHz AM, 88-108 MHz FM Stereo
- Digital-Synthesized
- LCD Clock With Timer & Sleep Mode

TSP Available

Realistic DX-440. Punch-in any frequency or use the 9-station memory. Automatic and manual scanning modes. Receives FM stereo and full AM frequencies including longwave, midwave and 12 shortwave bands. 24-hour LCD quartz clock has timer and sleep modes. Features slide-action volume, balance, bass and treble controls, rotary tuning, BFO pitch and RF gain controls, and AM bandwidth selector. Power, stereo and signal-strength LED indicators. Built-in monaural speaker. Telescoping antenna. Jacks for stereo headphones and external antenna. 6½ x 11½ x 2¼". Requires 2 "AA" batteries and 6 "C" batteries and AC or DC adapter. **20-221** **199.95**

9-Band Communications Receiver

79⁹⁵

TSP Available

Realistic DX-360. Tune FM, AM, six shortwave bands and international longwave for news and entertainment from around the world or locally. Built-in AFC-FM for drift-free listening. Slide-action volume and tone controls, tuning and low-battery LED indicators. Built-in antennas and speaker. ⅛" earphone jack. Bands: SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2-10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz SW6 21-25 MHz, LW 150-260 kHz. 4½ x 10¼ x 1¾". Requires 4 "AA" batteries or AC or DC adapter. **20-208** **79.95**

Revolutionary Concept in FM Walkie-Talkies

NEW FOR 89

89**95** Pair

TSP Available

- Audionic Design + Voice Actuation— The Best in Hands-Free Design
- Ideal for Use in Noisy Environments or While Wearing a Bike Helmet or Hard Hat
- Selectable Push-to-Talk Operation
- Interference-Free, Dual-Conversion Superhet 49-MHz FM Receiver

Earpiece acts as both earphone and microphone! Your voice actually travels through your ear as you transmit!

Realistic® TRC-504. The ultimate in hands-free communication at a breakthrough price! Audionic design plus voice actuation means all you wear is one small earpiece—no bulky headsets or mikes. During receive, the earpiece acts as an earphone. When you speak, the earpiece instantly becomes a microphone, picking up your voice via the auditory (ear) canal. You'll send a signal virtually free of the outside noise a conventional mike would pick up. Perfect for noisy environments, such as in factories or mobile use. A switch permits conventional push-to-talk operation when desired. Up to one-quarter mile range. Transceiver clips to belt. Includes four different-size earpieces for optimum fit. Each walkie-talkie requires 9V battery.
21-404 .... **Pair 89.95**

Voice-Actuated FM Headset Walkie-Talkies

69**95** Pair

TSP Available

NEW FOR 89 **49****95** Each

TSP Available

Realistic TRC-500. Voice-actuation leaves your hands free while you talk with a companion. Sensitivity switch lets you adjust the level of voice activation—you can prevent unwanted transmissions during strenuous activity or pick up soft voices when necessary. Volume control. 49 MHz FM dual-conversion receivers with 0.5-microvolt sensitivity. Up to one-quarter mile range. Switchable VOX/manual operation. With belt clips. Each headset requires 9V battery. **21-400** .... **Pair 69.95**

Realistic TRC-503. For business, pleasure or anywhere you need multichannel, hands-free communication. Five separate channels for direct communication between multiple units. VOX sensitivity switch. 49 MHz FM dual-conversion receiver. Volume control. Low-battery LED. Up to one-quarter mile range. Belt clip. Requires 9V battery. **21-403** **49.95**

Pocket-Size FM Walkie-Talkies For Keeping in Touch Anywhere

24**95** Each

NEW FOR 89 **39****95** Each

TSP Available

Realistic TRC-501. Only one inch thin and five ounces light! Dual-conversion superhet circuitry provides high sensitivity and clarity. Transmits/receives up to one-quarter mile on 49 MHz. Just the thing for keeping in touch with friends while camping, biking or hiking. Also handy for keeping track of family members at picnics and amusement parks. Press the Call button to transmit a tone signal and alert another unit of an incoming message. With belt clip. Requires 9V battery. **21-401** **24.95**

Realistic TRC-502. Compact, 5-channel 49-MHz walkie-talkie provides excellent 2-way communications capability for many different applications. Separate channels allow direct communication between multiple units. LED low-battery indicator, 2" speaker and telescoping antenna. Requires 9V battery. **21-402** **39.95**

Radio Shack Ready-Reference Library

Computers, Electronics and Communications

FCC Ham Exam Packages

Prepares You
For the FCC's
Amateur Radio
License
Examinations

Low
As **3**⁹⁵

Novice Voice Class FCC License Preparation. Includes manual and two code cassette tapes. 62-2402 . . . . . **19.95**

NEW! Technician Class Amateur Radio Manual. 62-2403 . . . . **3.95**

NEW! General Class FCC License Preparation. Includes manual and two code cassettes. 62-2404 . . . . **19.95**

NEW! Packet Radio—Digital Communications with Amateur Radio. Explains the "how-to's" of digital communications over amateur radio frequency. 160 pages. 62-1332 . . . . **6.95**

NEW! Shortwave Listening Guide. Learn how to start your own global "listening post" to monitor news from around the world! 130 pages. 62-1084 . . . . **2.95**

NEW! Recording Great Audio. Learn how to record, amplify, mix and copy audio signals while maintaining high fidelity. A must for audiophiles! 128 pages. 62-1089, **4.95**

NEW! Building Speaker Systems. A detailed look at speakers and how to build them, from design and construction to the finishing touches. 128 pages. 62-1087 . . . . **5.95**

NEW! Home/Auto Security Guide. Hints and "how to's" for selecting and installing anti-theft devices for your home or automobile! 128 pages. 62-1086 . . . . **5.95**

Understanding Telephone Electronics. How telephones work. Impact of electronics on telephones. 256 pages. 62-1388 . . . . **3.49**

Understanding Data Communications. Explains how words and symbols are transmitted electronically from a source to a destination. 256 pages. 62-1389 . . . . . . **3.95**

Basic Electronics. Provides an excellent grounding in electronics and helps make even complex subjects easy to understand. 464 pages. 62-1394 . . . . **7.95**

Understanding Solid-State Electronics. Comprehensive self-teaching course in semiconductor theory. 242 pages. 62-2035 . . . . **3.95**

Understanding Digital Electronics. Explains digital electronic devices, circuits, interfacing, systems and applications. 240 pages. 62-2010 . . . . **3.95**

Using Your Meter. Get the most from VOM and DVM multitesters. 128 pages. 62-2039 . . . . **3.95**

Computing With the Scientific Calculator. Gives techniques that let you get the maximum use from your scientific calculator. 62-2316 . . . . **2.99**

Understanding Artificial Intelligence. Covers symbolic processing, expert systems, systems applications, more. 272 pages. 62-1399 . . . . **3.95**

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 Telephones. 2nd edition. Concise illustrated instructions help make installing telephone equipment quick and easy. 168 pages 62-1390 . . . . **5.95**

Junior Engineering Basic Electronics 102. Comprehensive manual for experiments from Science Fair Project Kits. 128 pages. 62-1005 . . . . **7.95**

Save on Telephone Services for Home and Business. Helps you decide (and save money!) on the right phone services for home or business. 168 pages. 62-1382 . . . . **7.95**

Electronics Data Handbook. 155 pages packed with tables, formulas, laws and data covering every aspect of electronics. Invaluable! 62-1085 . . . . **3.95**

Electronic Life Style. Learn about video, audio, CD, security, robots and more. Over 100 photos, many in full color. 62-2340 . . . . **9.95**

The Technology Dictionary. 2500 definitions for electronics, computers, telecommunications, audio, video, more. Illustrated. 176 pages. 62-1369 . . . . . **5.95**

NEW! Tandy 102 Technical Reference Manual. Hardware operation theory and software information. 90 pages. 26-252 . . . . **9.95**

Learning BASIC for Tandy 200. Tutorial for learning BASIC programming. Written by Dr. David Lien. 26-3869 . . . . . . **19.95**

Complete Rainbow Guide to OS-9 Level Two. Comprehensive overview with hands-on examples and utility commands set. 26-3188 . . . . **19.95**

BASIC 09 Tour Guide. Thoroughly covers operating systems and language, includes reference guide to system commands and keywords in alphabetical order. 26-3189 . . . . **14.95**
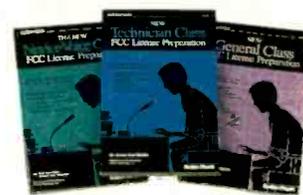
NEW! A Practical Guide to Personal DeskMate 2. Packed with hints and advice to help you get the most from Personal DeskMate 2 and Professional DeskMate software. 25-1509 . . . . **19.95**

Graphics and Sound for the Tandy 1000. Take advantage of the Tandy 1000-series computers' amazing high-resolution graphics and 3-voice sound with this BASIC tutorial written by computer whiz Bill Barden. 25-1512 . . . . **7.95**

MS-DOS: The Basics, Volume 1. Highly recommended tutorial for the beginner. Learn about using the popular MS-DOS operating system with applications software. Written by renowned computer expert Dr. David Lien. 25-1506 . . . . **7.95**

MS-DOS: Advanced Applications, Volume 2. Another Compusoft masterpiece. Get into the more advanced features of MS-DOS with Volume 2. Learn about sub-directories, batch files, custom features and more. 25-1507 . . . . **14.95**

MS-DOS/GW-BASIC Reference Guide. Complete guide to all MS-DOS and GW-BASIC commands (versions 2.11 and 3.20). Covers syntax, switches and all utilities. For use with all Tandy 1000s and 1400 LT. 25-1508 . . . . **29.95**

Learning BASIC for Tandy Computers. An excellent tutorial for learning BASIC programming. Written by Dr. David Lien. 25-1500 . . . . **19.95**

Tandy 1000 Series and Tandy 1400 LT Technical Reference Manuals. Comprehensive manuals include schematic diagrams, integrated circuit pinouts, bus interfacing information, logic theory, electrical and mechanical specifications, hardware, option board theory of operation and more.

Tandy 1000 Technical Reference Manual.
25-1504 . . . . **29.95**

Tandy 1000 EX Technical Reference Manual.
25-1510 . . . . **34.95**

Tandy 1000 SX Technical Reference Manual.
25-1511 . . . . **34.95**

Tandy 1000 HX Technical Reference Manual.
25-1513 . . . . **39.95**

Tandy 1000 TX Technical Reference Manual.
25-1514 . . . . **39.95**

NEW! Tandy 1000 SL Technical Reference Manual.
25-1516 . . . . **49.95**

NEW! Tandy 1000 TL Technical Reference Manual.
25-1517 . . . . **49.95**

NEW! Tandy 1400 LT Technical Reference Manual.
25-1515 . . . . **39.95**

Hear it First on a Programmable Scanner

Breakthrough for Listeners on a Budget

NEW FOR 89

139⁹⁵ Low As $15 Per Month★ TSP Available

Available Sept. 30, 1988

- 10 Channels ■ Compact—Only 2³/₁₆ × 7³/₄ × 6⁷/₈″
- Easy-to-Read LCD Display ■ AC or 12VDC Operation*

Realistic® PRO-57. Small size with big performance! No crystals needed—keyboard gives you access to over 22,000 frequencies. Display shows channel number, frequency and status. Scan delay holds selected channels two seconds to prevent missed replies. Lockout key lets you temporarily bypass unwanted channels. Backup circuit preserves memory during brief power failures—also lets you move scanner without losing programmed frequencies. Jack: Motorola-type for external antenna. UL listed AC adapter (or 12VDC power cable, extra). **20-126** **139.95**

Frequency Coverage: 30-50 MHz VHF-Lo, 50-54 MHz Ham, 138-144 MHz Government/Military, 144-148 MHz Ham, 148-174 MHz VHF-Hi, 380-450 MHz Gov./Ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi.

20 Channels for More of the Action

179⁹⁵ Low As $15 Per Month★ TSP Available

- Keyboard Access to Over 22,000 Frequencies
- LCD Display Shows Channel Number, Frequency, Status of Channel and Operating Mode

Realistic PRO-2011. Your ticket to exciting listening! Automatically scans up to 20 channels, stops on active ones, and resumes scan when message ends. Scan delay, selectable for each channel, holds receiver on channel for two seconds to prevent missed replies. Lockout key lets you temporarily bypass unwanted channels. Backup system preserves memory during brief power failures— also allows you to move scanner to another room without losing memory contents. Frequency coverage: same as PRO-57, above. Jacks: ¹/₈″ headphone, Motorola-type external antenna. 2 × 9⁵/₈ × 7″. UL listed AC. **20-118** **179.95**

20 Channels & Fluorescent Display

219⁹⁵ Low As $15 Per Month★ TSP Available

- Aircraft Band ■ Priority and Search Modes
- Keyboard Access to Over 23,000 Frequencies

Realistic PRO-2010. Handy extra features add enjoyment to your monitoring. Priority mode lets you select any channel as priority. The scanner shifts to this channel instantly whenever it is active— you'll never miss a call on it. Also has search function so you can explore frequency ranges automatically for new or unpublicized services. Aircraft band lets you monitor airports and planes. Fluorescent display shows channel number, frequency, status (delay or lockout), and mode of operation. Backup system. Jacks: ¹/₈″ headphone, Motorola-type for external antenna. Coverage: same as models above plus 108-136 MHz (AM) aircraft band. 2³/₈ × 10¹/₂ × 7¹/₂″. UL listed AC. **20-114** **219.95**

72   SCANNERS ON THESE TWO PAGES ARE COVERED BY ONE OR MORE OF THESE U.S. PATENTS; 3,794,925; 3,801,914; 4,245,348

Realistic Scanners Take You to the Scene

Listen to the News As It Happens and Be the First to Know!

Realistic scanner radios bring you the most exciting listening of all—local events as they happen, not hours later on an edited newscast. You'll hear police and fire departments at work, ambulances, Amtrak and freight trains, amateur radio, taxis, weather, plus government, military, marine and business services. Models covering 108-136 MHz also receive airport communications and planes in flight.

Scanners on these two pages offer keyboard entry of frequencies and have memories to store your favorite channels—you'll never have to buy crystals. Multifunction displays make programming easy. All models come ready to use with a detachable indoor antenna and have a jack for an optional outdoor or mobile antenna. (See page 75). Mobile scanners require 12VDC, negative ground, for in-vehicle use.

Our Finest! 300 Channels, Extended Frequency Coverage to 1300 MHz!

419⁹⁵

Low As $21 Per Month ★ **Tandy Service Plan Available**

- Covers 25-520, 760-825, 852-869, 896-1300 MHz
- Keyboard Access to Over 200,000 Frequencies
- Automatic and Manual Mode Selection for AM, FM-Narrowband and FM-Wideband
- Lighted LCD Display With Dimmer ■ Tape Out
- Convenient "Bank" Storage of Channels

Realistic PRO-2004. Extended coverage with AM and wide-FM modes gives you listening not available on most other scanners—new 800 MHz police frequencies, CB, FM broadcasts, TV audio, even military aircraft. The memory stores channels in 10 banks of 30 channels each for truly personalized monitoring. You can store channels by category—fire, police, railroads, aviation—and select with the touch of one key. Or, you can arrange channels by town or area. Channels you find with the search mode can be stored in a special, eleventh bank for instant one-key transfer to regular memory. Automatic and manual scanning steps. Two-speed scan and search. Sound-squelch control prevents lockups on unmodulated carriers. All this plus priority mode, scan delay, channel lockout. Jacks: ¹/₈″ headphone, ¹/₈″ external speaker, phono-type tape out, BNC antenna input, external DC power. Memory backup requires 9V battery. 2¹³/₁₆ × 10¹¹/₁₆ × 8¹¹/₁₆″. UL listed AC (or 12VDC cable, extra). **20-119 .... 419.95**

---

200 Channels, 108-136 MHz Aircraft Band, Search and Priority Functions

329⁹⁵

Low As $17 Per Month ★ **Tandy Service Plan Available**

- AC/Mobile—Includes Mounting Bracket*
- Lighted LCD Display ■ Tape-Out Jack
- Keyboard Access to 23,684 Frequencies

Realistic PRO-2021. Memory stores channels in 10 banks of 20 channels each for personalized monitoring. Channels found during search mode can be transfered to memory with the touch of one key. Features two-speed scan and search, priority channel, scan delay and channel lockout. Frequency coverage: same as PRO-57 on facing page plus 108-136 MHz aircraft band. Jacks: ¹/₈″ headphone/external speaker, phono-type tape out, external DC power, BNC antenna input. Backup requires 9V battery. 3¹/₈ × 10¹/₄ × 8″. UL listed AC (or 12VDC power cable, extra).
20-113 .... 329.95

Fact-Packed "Police Call" Frequency Guides

Vol.	States Covered	Cat. No.
1	CT, ME, MA, NH, NY, RI, VT	62-1041
2	DE, MD, NJ, PA	62-1042
3	MI, OH	62-1043
4	IL, IN, KY, WI	62-1044
5	IA, KS, MN, MO, NE, ND, SD	62-1045

Vol.	States Covered	Cat. No.
6	DC, FL, GA, NC, SC, VA, WV	62-1046
7	AL, AR, LA, MS, OK, TN, TX	62-1047
8	AZ, CO, ID, MT, NM, NV, WY	62-1048
9	CA, OR, WA	62-1049

7⁹⁵ Each

Nine Regional Editions

Available Through Your Local Radio Shack

*MOBILE USE OF SCANNERS MAY BE UNLAWFUL IN SOME AREAS OR MAY REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES

Portable* Programmable Scanner Radios

Our Best! 200 Channels and Keyboard Access To 23,684 VHF and UHF Frequencies

NEW FOR 89

329⁹⁵

Low As $17 Per Month★
TSP Available

- **30-50 MHz VHF-Lo Band**
- **50-54 and 144-148 MHz Ham**
- **108-136 MHz (AM) Aircraft**
- **138-144 MHz Government**
- **148-174 MHz VHF-Hi Band**
- **380-450 MHz Government/Ham**
- **450-470 MHz UHF-Lo Band**
- **470-512 MHz UHF-Hi ("T")**
- **806-823 MHz ▪ 857-868 MHz**
- **896-906 MHz**

Covers Everything . . . And You'll Never Have to Buy a Crystal

Includes New 800 MHz Band!

Monitor Police, Fire, Taxis, Aviation, Railroads, Government, Military and Others

Realistic® PRO-34. You'll catch all the action on this programmable scanner with extra features and extended frequency coverage—including the 800 MHz band—all in a hand-held radio! Frequency-tracking front-end gives you top sensitivity on all bands. Scans up to 200 channels in 10 selectable "banks" or searches the frequency range you specify for new or unpublicized services. Frequencies you find during search can be stored in a special "monitor" bank for one-key transfer to permanent memory. Eight or four channels-per-second scan and search speeds. Two-second scan delay prevents missed replies and is individually selectable for each channel. Lockout key temporarily bypasses unwanted channels. Keyboard-lock switch prevents accidental entries.

LCD display shows channels and frequencies being scanned, monitored or programmed, channel status, and has a switchable backlight for night viewing. Priority feature automatically shifts to your favorite frequency whenever it is active. Any channel can be made the priority channel. Squelch control. Built-in speaker, 1/8" jack for earphone. Belt clip. Includes flexible antenna. BNC jack for adding external antenna. 6 1/2 × 2 11/16 × 1 5/8". Requires 6 "AA" alkaline or rechargeable batteries, AC adapter or DC adapter.
20-135 . . . . **329.95**
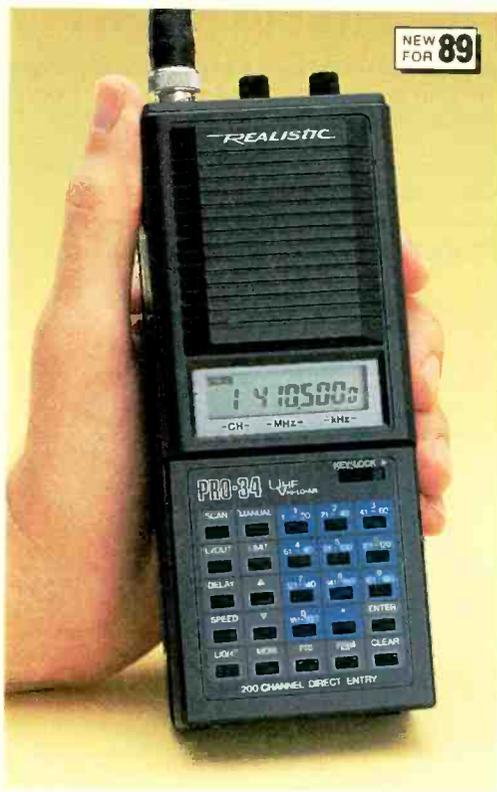
Twenty Channels And Lighted Display

199⁹⁵

NEW FOR 89

Low As $15 Per Month★
TSP Available

- **30-50 MHz VHF-Lo Band**
- **50-54 and 144-148 MHz Ham**
- **138-144 MHz Government**
- **148-174 MHz VHF-Hi Band**
- **380-450 MHz Gov./Ham**
- **450-470 MHz UHF-Lo Band**
- **470-512 MHz UHF-Hi ("T")**

Realistic PRO-33. Extra-rugged and loaded with features! Gives you keyboard access to 22,563 frequencies in eight bands. Features frequency-tracking front-end, channel lockout key, switchable 2-second scan delay, keyboard-lock button. Special circuit stores frequencies in memory while you change batteries. Built-in speaker, 1/8" jack for earphone. Belt clip. Flexible antenna, BNC antenna jack. 6 1/2 × 2 5/8 × 1 5/8". Requires 6 "AA" or rechargeable batteries, AC or car DC adapter. **20-134..199.95**
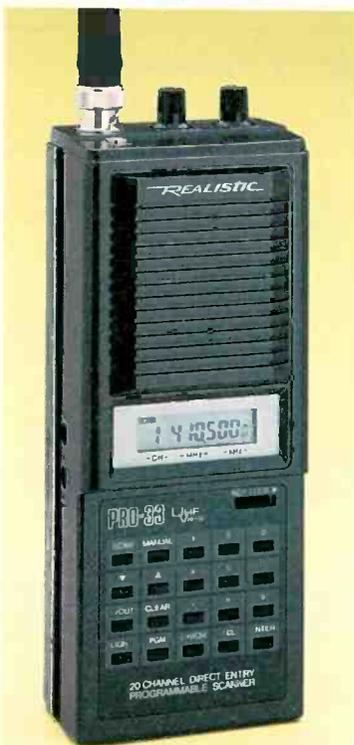
Ten Channels and 10-Band Coverage

139⁹⁵

Low As $15 Per Month★
TSP Available

- **29-29.7 MHz 10-Meter Ham**
- **29.7-50 MHz VHF-Lo Band**
- **50-54 and 144-148 MHz Ham**
- **136-144 MHz Military Mobile**
- **148-174 MHz VHF-Hi Band**
- **406-420 MHz Government**
- **420-450 MHz Ham Radio**
- **450-470 MHz UHF-Lo Band**
- **470-512 MHz UHF-Hi ("T")**

Realistic PRO-38. High quality and extended coverage at a breakthrough low price! Features LCD channel display, review key to display frequencies, keyboard-lock switch, audible low-battery indicator. Built-in speaker, 1/8" jack for earphone. Belt clip. Flexible antenna, BNC antenna jack. 6 3/4 × 2 5/8 × 1 3/8". Requires 5 "AA" or rechargeable batteries, AC adapter/charger or DC adapter. **20-139** **139.95**

*MOBILE USE OF SCANNERS MAY BE UNLAWFUL IN SOME AREAS OR MAY REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES

Crystal-Controlled Scanners & Receiver

Two-Channel Monitor Receiver

49⁹⁵

VHF Hi
VHF Ham
VHF Hi/Lo

Crystal Controlled

Realistic® PRO-27. A money-saving alternative if you only need to monitor a couple of VHF-Hi and/or UHF channels. Especially useful for volunteer firemen, security and emergency personnel. Built-in speaker, volume control, A/B channel selector switch and earphone jack. Includes belt clip and detachable flexible antenna. 4⁵/₈ x 2³/₄ x 1¹/₁₆". Covers 144-174 and 450-512 MHz. Requires crystal for each channel (below) and 9V battery. **20-108** **49.95**
Crystals. Specify channel frequency. .... **Each 4.98**
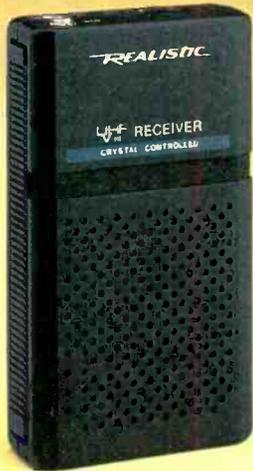
4-Channel Scanner

99⁹⁵

Low As $15 Per Month★

TSP Available ★

With Two Antennas—Telescoping for Long Range, Flexible for Close Quarters

Realistic PRO-26. Scans up to four channels on four bands—30-50 MHz VHF-Lo, 144-174 MHz VHF-Hi/Lo, 450-470 and 47-512 UHF-Hi/Lo. Features scan-delay, individual channel lockouts, squelch control and built-in speaker. 7¹/₂ x 3³/₈ x 1¹/₂". With belt clip. Requires one crystal for each channel (below) and 4 "AAA" batteries. **20-107** **99.95**
Crystals. Specify channel frequency. .... **Each 4.98**
Adapter/Charger. UL listed AC. **20-189** **5.49**
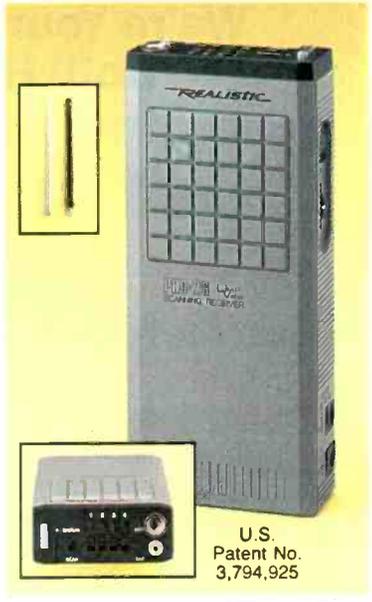
U.S. Patent No. 3,794,925

Eight-Channel, 4-Band Tabletop Scanner

99⁹⁵ NEW FOR 89

VHF-Hi, VHF-Ham
UHF-Hi/Lo

Low As $15 Per Month★ TSP Available

Tune In the Excitement of Police, Fire, Railway, Taxicabs, National Weather Service Stations and Many Others

Realistic PRO-56. Brings the action of the community to you! Scans continuously and automatically locks-in active channels, then resumes scanning when conversation ends. Features manual scan button, individual channel-lockout switches for temporarily bypassing unwanted channels. Adjustable squelch control assures noise-free operation between messages. Covers 144-148 MHz VHF-Ham, 148-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Has LED channel indicators, built-in speaker, telescoping antenna and headphone jack for personal listening. 1⁹/₁₆ x 6⁵/₁₆ x 5⁵/₁₆". Requires crystal for each channel (above) and 9V battery, or AC or DC adapter. **20-125** **99.95**

Scanner Antennas and Accessories

(1) Indoor VHF/Air/UHF Plug-In Antenna. Centerloaded. Extends from 16" to 40". Motorola-type plug. **20-161** **9.95**
(2) VHF/UHF/Air Magnet-Mount Mobile Antenna. 16-ft. cable, Motorola-type plug. **20-018** **26.95**
(3) VHF-Hi/Air/UHF Base Antenna. Accepts PL-259 connector. Cable extra (below). **20-176** **14.95**
(4) VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Cable extra (below). **20-014** **29.95**
(5) Coax Adapter. Adapts PL-259 connector to Motorola-type plug. **278-208** **1.79**
(6) Coax Cable Assembly. 52-ohm cable with PL-259 connectors. 50-foot RG58/U. **278-971** **11.95**
(7) Discone Antenna. Receives 25-1300 MHz. Also for transmitting on 144, 220, 440, and 1296 MHz Ham bands. 50 ohms. Rated 200W on Ham bands listed. Fits up to 1¹/₂" dia. masts. **20-013** **59.95**
(8) Coax Clips. For RG58/U. **20-192** .... **Pkg. 10/.89**
For RG8/U. **20-193** **6/.89**
(9) Headset. With ¹/₄" and ¹/₈" plugs. **20-210** **9.95**

(1) (2) (3) (6) (7) (5) (8) (4) (9)
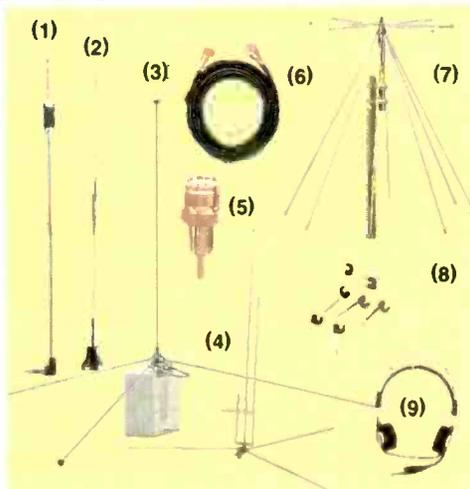
Scanner Case

NEW FOR 89

For portables. Black vinyl, belt loop. **20-004** .. **9.95**

Telescoping Whip

NEW FOR 89

Extends range of portable scanners. 9 sections, center loaded. For 25-1300 MHz. BNC connector. **20-006** ... **9.95**

Radio Shack is America's Telephone Company®

We're Your Complete, One-Stop Telephone Center for Both Home and Business Telephone Systems

Telephone System 301

Low As **57²⁷** Per Month†

- 6 Phones/3 Outside Lines
- User-Installable
- Cost-Efficient

System 301. Over fifty standard features plus many options let you customize this user-installable system to fit your specific needs. Perfect for new and growing businesses. Come to the nearest Radio Shack Computer/Telephone Center and discover which features are right for you. Systems up to 8 stations and 3 outside lines. KSU, 36-2600. Electronic Key Phone, 36-2606.

System 501 Fits Your Needs

Low As **55²⁰** Per Month††

4-Phone System Installed

System 501. Build the telephone system you need for surprisingly little investment. 50 standard, 10 optional features. For up to 10 stations and 5 outside lines. KSU, 36-2601. Electronic Key Phone, 36-2606.

System 601/1201/2101

Low As **67⁶⁷** Per Month††

- 4-Phones/3 Outside Line System
- Accommodates Up to 56 Stations And Up to 21 Outside Lines
- Many Standard/Optional Features

Visit Your Local Radio Shack Computer/Telephone Center to Have A Phone System Designed and Priced to Meet Your Business Needs

Standard Station Telephone. Features a built-in speakerphone for hands-free two-way conversations. Includes 7 programmable user keys. Also has one-touch dialing, auto-callback, last-number redial and call transfer. 36-2551

Telephone With Busy Lamp Field. Has all the features of our Standard Station Telephone, plus a 16-LED busy lamp field display that shows which stations are in use. 36-2552

Programmable 20-Key Telephone. All the versatility of our Standard Station Telephone plus 17 programmable keys for instant access to any customized/special features like trunk queuing or voice paging. 36-2554

21-Key Telephone With LCD Display. Our best electronic telephone for advanced business applications! Features convenient multifunction LCD display which shows number dialed, elapsed time of call, current time and date. With 17 programmable keys. 36-2556

Phone Systems Available at Radio Shack Computer Centers in These Cities

Atlanta	Denver	Long Island	New Orleans	San Antonio
Baltimore	Detroit	Los Angeles	Norfolk	San Diego
Bethlehem	Downey	Manhattan	Oklahoma City	San Francisco
Boston	Ft. Lauderdale	Memphis	Orlando	Seattle
Brooklyn	Fort Worth	Miami	Philadelphia	St. Louis
Chicago	Hartford	Milwaukee	Phoenix	Tampa
Cincinnati	Houston	Minneapolis	Pittsburgh	Tulsa
Cleveland	Indianapolis	Nashville	Portland	Van Nuys
Columbus	Jacksonville	Newark	Sacramento	Washington D.C.
Dallas	Kansas City			

76

†37-MONTH COMMERCIAL LEASE (PLUS APPLICABLE USE/SALES TAX).
††60-MONTH COMMERCIAL LEASE FOR QUALIFIED CUSTOMERS (PLUS APPLICABLE USE/SALES TAX).

Affordable Multifeature Telephones

30-Number Automatic Dialing Plus Three Priority-Call Buttons
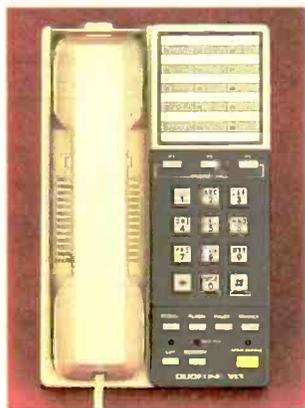
69⁹⁵

With Speakerphone
TSP Available

DUôFONE®-183. Features programmable touch-tone/pulse dialing for use on any line. Stores up to 30 numbers of up to 14 digits each. Allows chain dialing of numbers stored in memory for use with special services. Three priority-call keys for one-touch dialing of emergency or frequently called numbers. Two-way speakerphone for hands-free conversations and on-hook dialing. Flash, pause, LDT and privacy keys. Memory backup requires 4 "AA" batteries. 43-608 .... **69.95**

32-Number Auto-Dialing And LCD Display

99⁹⁵ TSP Available

With Speakerphone
Low As $15 Per Month ★

DUôFONE-167. Two-way speakerphone for hands-free conversations and on-hook dialing. Touch-tone/pulse dialing, hi/lo/off ringer and auto-redial. LDT, flash and pause keys. Special Lock feature prevents unauthorized use. Hotline feature automatically dials your preset emergency number after receiver is lifted. With UL listed adapter. Desk/wall mounting. Memory backup requires 4 "AA" batteries. 43-609 .... **99.95**

Speakerphone With Directory And Auto-Dialing

119⁹⁵

Low As $15 Per Month ★
TSP Available

DUôFONE-202. Built-in directory stores up to 200 names (up to 16 characters each) and phone numbers (up to 32 digits each). Display shows directory information, time, number dialed and operation in progress. Programmable touch-tone/pulse dialing. Two-way speakerphone with adjustable volume for hands-free operation. Priority call buttons, auto-redial. Hi/lo/off ringer control. Desk/wall mounting. Requires 2 "C" batteries. 43-625 .... **119.95**

Memory Dialing Featurephone With Conference Calling

NEW FOR 89

99⁹⁵ Each

Low As $15 Per Month ★

TSP Available

- Two-Line Phone With Full Line Status
- Expandable Up to 5 Extensions
- Speakerphone for Hands-Free Calls
- Individual Ringer Controls

Available Nov. 30, 1988

DUôFONE-210. Two line access buttons for placing or answering calls on either line. LEDs indicate which lines are ringing, on-hold or in-use. Conference allows 3-way calls. Switchable touch-tone/pulse dialing for use on any phone line. Hold, privacy and flash buttons. Desk/wall mounting. Memory backup requires 2 "AA" batteries. UL listed AC adapter. 43-615 .... **Each 99.95**

Two Lines, 30-Number Memory, LCD and Built-In Speakerphone

159⁹⁵

Low As $15 Per Month ★
TSP Available

- Display Shows Time, Length of Call and Number Dialed
- Switchable Touch-Tone/ Pulse Dialing
- Hold Button Works on Either or Both Lines
- Conference Feature for Three-Party Calls

DUôFONE-195. Outstanding value in a feature telephone. Programmable memory stores up to 30 numbers of up to 32 digits each. Handles two lines, with line buttons, hold button, ring/hold LEDs and auto-redial. Auto-Redial calls busy phone up to 10 times. Includes UL listed AC adapter. Requires 4 "AA" batteries for memory backup. 43-610 .... **159.95**

RADIO SHACK PHONES FCC REGISTERED / WE SERVICE WHAT WE SELL / PRICES APPLY AT PARTICIPATING RADIO SHACK STORES & DEALERS

Make Radio Shack Your Telephone Company®

One-Piece Mini-Fone

19⁹⁵ NEW FOR 89

Radio Shack ET-121. The one-piece design allows it to "hang up" on any flat surface or mounts on wall with the included bracket. Features mute button for privacy, touch-redial of last number called and ringer volume control. Pulse dialing. Includes 13-foot modular cord. **White, 43-505. Brown, 43-506** **19.95**

Contemporary Phone For Desk or Wall

34⁹⁵

- Touch-Tone/Pulse Dialing
- Illuminated Dial

A handsome main or extension phone. Features touch-redial, on/off bell control and index for listing 10 of your most often used or emergency numbers. Reset button for placing a series of calls without returning handset to base. Detachable coiled handset cord and modular 6-ft. line cord. **White, 43-527. Almond, 43-528. Brown, 43-529** **34.95**

Three Color Choices

Desk/Wall Slim-Fone®

21⁹⁵

Base Rests on Desk Or Mounts on Wall

Radio Shack ET-272. Features one-button touch-redial and switchable Touch-Tone/pulse dialing. Reset button. Hi/lo/off ringer control. With 14-ft. modular cord. **White, 43-540. Brown, 43-541** **21.95**
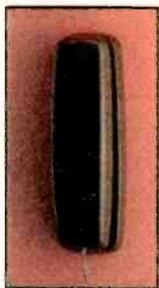
Trim-Fone™ With Lighted Dial

39⁹⁵

Switchable Touch-Tone or Pulse Dialing

Radio Shack Trim-Fone. Illuminated dial lets you make calls in any level of room light. Convenient touch-redial of last number called. Hi/lo ringer volume control. With 6-ft. modular cord. **White, 43-525. Brown, 43-526. Black, 43-535** **39.95**

Use on Desk or Wall

Now Available In Black, White, Or Brown

Mini Wall Telephone

39⁹⁵

Selectable Touch-Tone or Pulse Dialing

Rugged yet compact. The "standard" of wall phones. One-button redial, LDT, hi/lo ringer-control and detachable coiled handset cord. Mounts over any standard modular wall jack.
43-336 . . . . **39.95**

Desk Telephone With Hold Button

NEW FOR 89 39⁹⁵

Available In Four Popular Colors

Radio Shack ET-171. For home or business. Hold button lets you place a call on hold while attending to other business, and an LED reminds you that the caller is holding. One-button redial and adjustable ringer control. Switchable Touch-Tone/pulse dialing. Convenient detachable cords. **White, 43-374. Beige, 43-375. Brown, 43-376. Black, 43-377** **39.95**

Linear Big-Button Telephone

39⁹⁵

One-Button Redial

Selectable Touch-Tone Or Pulse Dialing

Radio Shack ET-202. Keypad with super-sized buttons in two linear rows of six each. Ringer-adjust. For desk or wall, 7-ft. modular cord. **43-345** **39.95**

Telephone With Amplified Handset

NEW FOR 89 49⁹⁵

Great for Noisy Locations or Persons With Impaired Hearing

Trim-Fone. Phone-line powered amplifier boosts sound. Lighted dial. Volume control, touch-redial and adjustable ringer control. Switchable Touch-Tone/pulse dialing. Detachable cords. Mount on wall or use on desk. **43-580** **49.95**

Phones for Every Budget, Style and Need

20-Memory Compact Slim-Fone

NEW FOR 89

27⁹⁵

Memory Dials Up to 20 Numbers of Up To 16 Digits Each

Radio Shack ET-282. Ideal for living room, den, kitchen or bedroom. Touch-redial of last number called if busy or unanswered. Hi/lo/off ringer control. Switchable Touch-Tone/ pulse dialing to access low-rate, long-distance, bank-by-phone and other computerized services. **White, 43-542. Brown, 43-543 .... 27.95**

Fits Nearly Anywhere

Santa Fe™ Fashion-Fone With Memory

NEW FOR 89

49⁹⁵

Programmable Touch-Tone Or Pulse Dialing

Sleek styling for a contemporary look and feel. Phone stores 20 phone numbers including four one-touch priority numbers. Hold button lights up when call is placed on hold. Touch-redial. Pull-out memory index. Detachable cords. For desk or wall. **43-348 .... 49.95**
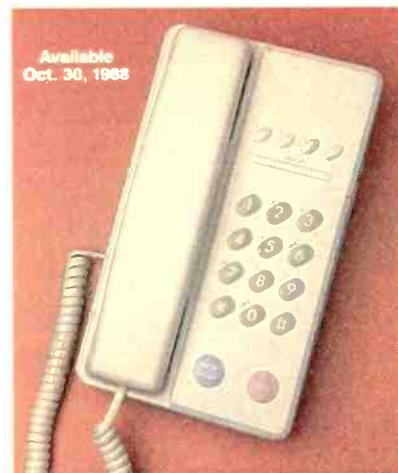
Available Oct. 30, 1988

Sleek 30-Memory Phone

49⁹⁵

- Lighted Dial
- For Desk or Wall
- Stores Up to 30 Numbers

An elegant phone that auto-dials up to 30 numbers of up to 16 digits each. Switchable Touch-Tone/pulse dialing. One-touch redial of last number. Reset button. Ringer on/off control. Detachable cords. **43-534 .... 49.95**

Desk/Wall Memory Telephone

Programmable Touch-Tone Or Pulse Dialing

49⁹⁵

Stores 20 Numbers

Radio Shack ET-192. Auto-dials up to 20 numbers. Flash button, touch-redial, ringer adjust. Removable woodgrain faceplate. Requires 2 "AA" batteries for memory backup. **43-532 .... 49.95**

Add Style and Statement to Your Home With an Affordable Fashion-Fone®

(1)

(2)

(3)

(4)

(5) Available Oct. 30, 1988

NEW FOR 89

(6) Available Oct. 15, 1988

(1) French Style. Continental-style ringer and ornamental handset create the mood of European elegance. White with gold-color trim. Rotary-dial operation. 7-ft. modular cord. **43-326 ... 59.95**

(2) Imperial Classique. Exquisitely detailed scrollwork adorns the antiqued brass-colored base. Extended dial for easier operation. Rotary-dial. Modular 6-ft. cord. **43-323 .... 79.95**

(3) Krystal™. Contemporary design. Hold button with LED indicator. One-button redial, switchable Touch-Tone/pulse dialing. Adjustable ringer volume. Detachable cords. **43-347 .... 39.95**

(4) Wedge™. Provides a dramatic decorative accent. Switchable Touch-Tone/pulse dialing. One-touch redial, adjustable ringer volume. Detachable cords. **43-346 .... 39.95**

(5) Constellation™. Futuristic design. Hold button with LED indicator. Touch-redial and adjustable ringer volume. Touch-Tone/pulse dialing. Detachable cords. **43-358 .... 44.95**

(6) Mayfair™. Distinctive Styling. Hold button with LED indicator. Touch-redial and adjustable ringer volume. Touch-Tone/pulse dialing. Detachable cords. **43-350 .... 39.95**

Values in Multiline Phones for Home or Office

Four-Line Telephone System Installs Easily And is Expandable Up to 12 Extensions

119⁹⁵ Each

Low As $15 Per Month ★

- LED Line-Status Indicators ■ Hold Button for All Lines
- No External Controller Required ■ No Rewiring
- Individual Line Ringer Controls ■ Auxiliary Jack
- Plugs Into Two Standard 2-Line Modular Jacks (RJ14)
- Switchable Touch-Tone or Pulse Dialing

DUõFONE®-405. The affordable alternative to a costly phone system—grows as your business grows. Features hold button for placing one or all lines on hold and individual line ringers so you decide which lines will ring at each extension. LED indicators show line status at a glance: fast flash for incoming calls, slow flash for calls on hold, steady for lines in use at any extension. Aux jack makes it easy to add accessories such as a speakerphone, answerer or auto-dialer. Switchable Touch-Tone/pulse dialing allows use on any phone line. Adjustable ringer volume, one-button redial of last number called. Detachable coiled handset cord. Wall-mount bracket available on special order. 4³/₄ × 7⁷/₈ × 8³/₄". UL listed AC. **43-452** .... **Each 119.95**

Two-Line Desk Fashion-Fone®

NEW FOR 89

59⁹⁵

- Conference Button For 3-Way Calls
- LED Ring/Hold Indicators

Available Nov. 15, 1988

Radio Shack ET-184 Fashion-Fone. Now you can control two lines from one stylish phone. Has a hold button for placing one or both lines on hold. Features one-button redial of last number called, hi/lo/off ringer control. Conference mode lets you speak with both lines simultaneously for a 3-way call. Switchable Touch-Tone/pulse dialing for use on any line. 2⁹/₁₆ × 8 × 6¹/₈". **43-620** **59.95**

Two-Line Desk Telephone System

79⁹⁵ Each

- Expandable for Use on Up To Five Extensions
- Line Status at All Stations
- Touch-Redial

System 205. The smart choice for growing businesses. Two line-access buttons let any extension place or answer calls on either line. Hold button permits placing one or both lines on hold. LEDs indicate when lines are ringing, on-hold or in-use at all extensions. Switchable Touch-Tone/pulse dialing. Separate line ringers with hi/lo/off control. 5¹/₄ × 5¹/₄ × 8³/₄". UL listed AC. **43-430** .... **Each 79.95**

Two-Line Trim-Fone™

Desk/Wall

59⁹⁵

Switchable Touch-Tone or Pulse Dialing

- Hold Button
- Illuminated Keypad

Hold button works on both lines. Access pushbutton and hi/lo/off ringer control for each line. Has LED ring and hold indicators, touch-redial. 3⁵/₈ × 3³/₄ × 8³/₄".
White, 43-613. Brown, 43-614 .... **59.95**

Two-Line Telephones

59⁹⁵ Each

Hold Button Works On Both Lines

Radio Shack ET-180 Desk Phone. Handle two lines from one low-cost phone. Individual ringer sound for both lines. Switchable Touch-Tone/pulse dialing. Ringer control. Touch-redial. Ring/hold LEDs. With 7-ft. modular cord. 5 × 5³/₈ × 9". **43-373** **59.95**
ET-181 Mini Wall-Mount Phone. As above, but mounts on modular wall plate. Detachable handset cord. 8⁵/₈ × 4 × 4³/₈". **43-372** ... **59.95**

Two-Line Auto-Dialing

69⁹⁵

- Memory Stores and Dials 20 Numbers Up to 16 Digits Each
- LED Ring/Hold Indicators
- For Desk/Wall

Radio Shack ET-193. Value-packed phone has a hi/lo/off ringer control, touch-redial, hold, pause and flash buttons. Programmable Touch-Tone/pulse dialing. Memory backup requires 2 "AA" batteries. 4³/₄ × 6¹/₄ × 8¹/₂".
43-533 .... **69.95**

80   ALL MULTILINE PHONES USE STANDARD RJ14 2-LINE JACKS.

Phones With Handy Built-In Intercoms

Four-Line System With Wireless FM Intercom—Expandable to 12 Stations

149⁹⁵

Per Station

Low As $15 Per Month★

- ■ Talk With the Other Phone Stations on the System Through the Wireless FM Intercom
- ■ No External Controller or Rewiring Required

DUôFONE System 410. All the features of a multiline phone system and the convenience of a 2-way intercom! Page button and built-in speaker allow any station to page all other units and then use handset to talk privately with the other station. When you want privacy, the Do-Not-Disturb button temporarily stops the phone from ringing and turns off the paging speaker. Has a Hold button for placing one or all lines on hold and individual line ringer controls so you decide which lines will ring at each station. LED indicators show line status at a glance. Auxiliary jack makes it easy to add accessory such as an auto-dialer or speakerphone. Switchable Touch-Tone/pulse dialing. Adjustable ringer volume, one-button redial. Plugs into two 2-line modular jacks (RJ14). Includes step-by-step installation guide. Intercom uses AC line or may be wired separately using a simple pair of wires for even higher-quality sound. Wall-mount bracket available on special order. 4¾ × 7⅞ × 8¾". UL listed AC.
43-455 .... **Per Station 149.95**

Two-Line Auto-Dialing Phone/Intercom—Expands to Five Stations

Save Time, Steps and Money! Upgrade With This Combination Telephone/2-Way Intercom System

99⁹⁵
Per Station

Low As $15 Per Month★

- ■ Built-In 2-Way Intercom for Talking Privately With the Other Stations
- ■ Memory Stores and Dials Up to 20 Numbers of Up to 16 Digits Each
- ■ Hold Button ■ For Wall Mounting or Desktop Use
- ■ Programmable Touch-Tone or Pulse Dialing
- ■ Automatic Battery Backup System ■ "Flash" Button

DUôFONE System 208. Just right for small businesses and homes with separate adult/kids lines. Intercom with paging saves you time and steps, and makes it easy to talk with other stations around the office or home. Hold button permits placing one or both lines on hold. You can receive a call at one station, put it on hold and page someone at another station to take the call. When they pick up the line, the hold at the original station is automatically released. LED indicators show line status at a glance: fast flash for incoming calls, slow flash for calls on hold, steady for lines in use at any station. Intercom LED lights up to indicate intercom is in use. Memory stores 20 of your often-called or emergency numbers for fast, automatic dialing. Has touch-redial and separate line ringers with hi/lo/off controls. "Flash" button for use with special phone company services like Call Waiting. Pause key for use with systems requiring an access code. FM intercom works through existing phone lines—no additional wiring needed. And, both the phone lines and intercom can be in use at the same time. Comfortable "K"-style handset. Battery backup of memory contents if AC power fails. For wall mounting or desktop use. Plugs into standard 2-line modular jack (RJ14), no external controller required. 4⅛ × 6½ × 9". Includes UL listed AC adapter. Memory backup requires 2 "AAA" batteries.
43-616 .... **Per Station 99.95**

Cordless Phones From Our Telephone Booth®

Two-Line With 30-Number Memory And Amplified Receiver

NEW FOR 89

159⁹⁵

Low As $15
Per Month★

TSP Available

- LEDs On Both Handset and Base Show Full Line Status at a Glance
- Great for Small Businesses and Homes With Adult/Children Lines— Put One or Both Lines On Hold
- Selectable Security Code Keeps Other Cordless Users From Calling or Answering on Your Lines
- Rotary Volume Control Boosts Caller's Voice

Radio Shack ET-422. Auto-dial any of 30 frequently called or emergency numbers on either of two lines—without trailing, twisting cords getting in your way. All controls are in the handset. Select from line one or two and place either on hold as you call out or answer the other. No two-line external controlling device necessary. Automatically selects "free" line when the other line is in use. Features one-touch redial of last number dialed, selectable Touch-Tone or pulse dialing for tone-access services like bank-by-phone or low-rate long distance. "LDT" button remotely activates tone dialing when in pulse mode. A tone signal automatically alerts you when the handset is out of range.

Also features memory programming, "Flash" button for use with special services like Call Waiting, "Privacy" button eliminates need to cover mouthpiece. Hearing-aid compatible. For desk or wall. 46/49 MHz operation to cut interference. Handset has user-replaceable rechargeable nickel-cadmium batteries and telescoping antenna. Automatic recharger in base. Handset, 8⁹/₃₂ × 2⁹/₁₆ × 2". Base, 1⁷/₈ × 4 × 9". UL listed AC.
43-560 . . . . 159.95

Tone/Pulse Dialing Cordless

99⁹⁵

Low As $15
Per Month★
TSP Available

- Security Code Prevents Others From Using Your Line
- Clear 46/49 MHz Operation to Reduce Interference

Radio Shack ET-395. Make or take calls from any room or even outdoors. All controls are in the handset. Handy one-button redial of last number called, "LDT" button remotely activates tone dialing when in pulse mode. Privacy button eliminates need to cover mouthpiece. Handset has user-replaceable rechargeable batteries, telescoping antenna. Low-battery, charge and talk LED indicators. Base has automatic recharger. Handset, 8¹/₂ × 2¹/₂ × 1³/₄". Base, 3¹/₄ × 3 × 9". UL listed AC. 43-547 . . . . 99.95

With 60-Number Memory and Intercom

149⁹⁵

- 60-Number 32-Digit Auto Dialer
- Add A Regular Phone to Base To Create 2-Way Intercom System
- Security Code Prevents Others From Using Your Line

Radio Shack ET-425. Features range limit warning, last-number redial, "Flash" button for use with Call Waiting, receiver volume control, tone/pulse dialing, privacy button. 46/49 MHz for clarity. Handset, 8⁵/₈ × 2³/₈ × 1³/₄". Base, 2 × 5⁵/₈ × 9".
TSP Available   43-553 . . . . 149.95

Carry Case

5⁴⁹

Hooks On Belt Loop

Provides protection and portability for Radio Shack and other cordless phone handsets.
43-190 . . . . 5.49

Flexible Antenna

4⁹⁵

Installs in Seconds

Replace those inconvenient and broken telescoping antennas on most cordless telephones.
43-189 . . . . . . 4.95

ALL RADIO SHACK CORDLESS PHONES HAVE MAXIMUM LEGAL OUTPUT FOR OPTIMUM RANGE

Discover Cordless Telephone Freedom

With 30-Number 16-Digit Memory, Page, Last-Number Redial and Privacy Button

- Built-In 10-Channel Selectivity for Clearest Sound
- Memory Stores 30 of Your Frequently Called or Emergency Numbers for Fast, Accurate Auto-Dialing
- One-Touch Redial of Last Number Dialed
- High Fashion Style for Desk or Wall
- Volume Control for Boosting Caller's Voice—Ideal For Use in Noisy Areas

NEW FOR **89**

129⁹⁵

Low As $15 Per Month *

TSP Available

Radio Shack ET-430. This phone has your number! Now you can enjoy convenient auto or manual dialing and receive calls while you work around the house—all without being "tied down" by trailing, twisting cords. Handy page button on base sends a "beep" to the handset. Can be used to call the handset user to the base or to locate handset when misplaced. LED indicator on base lights up when handset is in use. Features Auto-select security code to prevent nearby cordless phones from using your line, 46/49 MHz operation for clearer sound. "Flash" button simplifies special phone company services like Call Waiting. Switchable Touch-Tone/pulse dialing for use on any line.

Handset has touch-redial of last number called, rotary volume control. Talk/Hang up button. Ringer volume selector with three positions—Off, Low, High. Privacy button eliminates the need to cover the mouthpiece. Telescoping antenna. User-replaceable rechargeable batteries with LED low-battery indicator. Automatic recharger in base with LED charge indicator. Handset, 8¹/₂ × 2 × 2¹/₄". Base, 2¹/₂ × 4¹/₂ × 10". 43-562 . . . . **129.95**

Available Nov. 30, 1988

Our Lowest Priced Tone/Pulse Dialing Cordless With Security Code

79⁹⁵

TSP Available

- Switchable Touch-Tone/Pulse Dialing for Computer Services Like Bank-By-Phone, Alternate Long Distance on Any Line
- Convenient Touch-Redial of Last Number Called

Radio Shack ET-393. Factory-preset security code prevents other cordless phones from using your line. Handset has user-replaceable rechargeable batteries, telescoping antenna and low-battery LED. Automatic recharger with LED indicator in base. For wall or desk. Handset, 8 × 2³/₄ × 1³/₄". Base, 2⁵/₈ × 3³/₈ × 9¹/₂". UL listed AC. 43-544 . . . . **79.95**

Folding Pocket-Size With Page Button

119⁹⁵

Low As $15 Per Month *

TSP Available

- Memory Stores 20 Phone Numbers
- Selectable Security Code
- Open Handset to Use, Close to Hang Up

Folds to Fit In Your Pocket

Radio Shack ET-416. Features cancel button for placing a series of calls, one-button redial of last number called. "LDT" button activates tone mode for computer services on rotary-dialed call. Press button on base to page handset. Tone/pulse dialing. Handset has volume control and user-replaceable rechargeable batteries. Automatic charger in base. Handset, 9 × 2¹/₂ × 1³/₈". Base, 2 × 5⁷/₈ × 9¹/₈". UL listed AC. 43-556 . . . . **119.95**

SWITCHABLE and PROGRAMMABLE TOUCH-TONE/PULSE dialing phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary-dial) lines, you can still use services requiring tones, like the new long-distance systems and computerized services. TOUCH-TONE phones give you access to services requiring tones, but do not function on pulse (rotary-dial) lines. ROTARY/PULSE-SIGNALING phones work on both rotary-dial and Touch-Tone lines but do not produce the tones needed to access the above services / Not for coin or party lines / All phones FCC registered / Parts and service available through any Radio Shack

Radio Shack—Answering America's Calls™

Voice-Synthesized Answerer

Voice-Synthesizer Delivers Preprogrammed Announcement in Man's or Woman's Voice

DUòFONE TAD-241. Records up to sixty 30-second messages on one standard size cassette. Cue/review feature helps you locate specific messages quickly and easily. When you're home, use the Call-Monitor feature to screen incoming calls before answering. 1⁷⁄₈ × 7¹⁄₈ × 4¹⁄₄". UL listed AC. 43-393 . . . . **59.95**

Microprocessor-Controlled
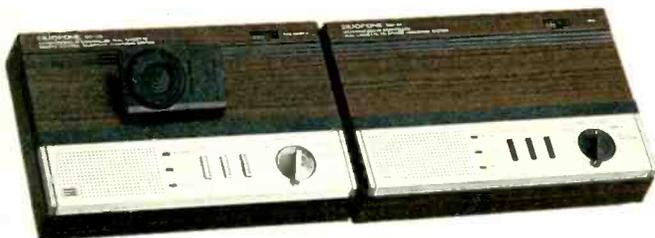
99⁹⁵ Low As $15 Per Month∗ TSP Available   **79⁹⁵**

- Voice Activation (VOX) and Calling Party Control (CPC)
- Remote Turn-On ▪ Dual Cassettes ▪ Call-Monitor

DUòFONE TAD-312. Microprocessor handles all functions quickly and smoothly. With the remote control, you can check your incoming messages and reset tape from any phone. VOX and CPC stop the recorder if the caller hangs up before the end of your announcement or doesn't leave a message. If you forget to set it to "answer", remote turn-on function allows you to call home to turn answerer on. While at home, use Call-monitor to screen callers before you answer. When retrieving messages by long-distance, Toll-saver helps cut charges. If you have any messages, it will answer on the first ring. If there are no messages, it will ring four times so that you can hang up before the last ring to save time and money. Dual cassettes make changing and storing tapes easy. Single-knob function control, tape counter, fast-forward, rewind-erase, volume control, and announce-only mode. 3 × 9¹⁄₂ × 6¹⁄₈". UL listed AC. Remote includes RS357A batteries. Extra remotes available on special order. 43-391 . . . . **99.95**

DUòFONE TAD-311. All features above, without remote message retrieval. 43-390 . . . . **79.95**

84

Multifunction Touch-Tone Remote

119⁹⁵

Low As $15 Per Month∗

TSP Available

- Dual Cassettes
- Programmable Security Code

DUòFONE TAD-325. "Beeperless". Turn unit on/off, review messages, reset tape to record, backspace, fast-forward, rewind, or change announcement from any Touch-Tone phone, or with most pocket tone dialers. Also monitor the room answerer is in by remote. Programmable security code lets you set/change your own code number. Toll-saver, variable message length, VOX, CPC and announce-only. 2¹⁄₄ × 10 × 8". UL listed AC. 43-396 . . . . **119.95**

Two-Line With "Beeperless" Remote

139⁹⁵

Low As $15 Per Month∗

TSP Available

Touch-Tone Remote With Security Code

DUòFONE TAD-330. Answers two separate lines—just the thing for small businesses or homes with adults/kids' lines. If both lines ring, first caller is greeted by your personal message and the second by a voice-synthesized announcement. You can talk on one line while it answers the other. All major functions can be controlled from any Touch-Tone phone. VOX and CPC save tape space. Has programmable security code, Toll-saver, remote turn-on/off, Call-monitor, dual cassettes, announce-only mode. 2¹⁄₄ × 10 × 8". UL listed AC. 43-397 . . . . **139.95**

Remote Plus Voice Synthesizer

199⁹⁵

Low As $15 Per Month∗

TSP Available

Synthesized Voice Announces Number, Date and Time of Each Message

DUòFONE TAD-320. The "beeperless" remote gives you control of all major functions from any Touch-Tone phone, or from a rotary-dial phone using most pocket tone dialers. Programmable security code prevents unauthorized remote use. Toll-saver cuts long-distance charges when checking messages by remote. Records 2-way conversations. Features remote turn-on, Call-monitor so you can screen callers before answering when at home, and battery backup of all memory functions during AC failures. 2³⁄₄ × 9¹⁄₈ × 7³⁄₄". UL listed AC. Backup requires 9V battery. 43-392 . . . . **199.95**

How to Be in Touch Even When You're Out

Get a Radio Shack Answerer—With 'Extras' Others Don't Give You

Our DUoFONE answerers have the features you need to get the message everytime—features not usually found in other answerers.

- **METAL CHASSIS**—For extended life. We don't use plastic.
- **POWER-INTERRUPT PROTECTION**—Preserves operational mode during brief power failures and returns last setting when power is restored.
- **SECURITY CODES**—Our "beeperless" remote answerers have changeable security codes programmed by you—not inflexible factory presets.

- **TAPE JAM/BREAK SENSORS**—Sensors keep your phone line free by turning off the answerer if a message tape should ever malfunction.
- **SUPERIOR AUDIO QUALITY**—Messages come through loud and crystal clear, not "choppy" and distorted.
- **ONE YEAR WARRANTY**—All DUoFONE answerers are backed by a full one-year warranty, with service and support as close as your neighborhood Radio Shack store.

Dual-Microcassette Answerer With "Important Call" Breakthrough

Touch-Tone Remote With "Important Call" Breakthrough "Beeps" to Signal Someone at Home to Answer Phone

129⁹⁵

129⁹⁵

Low As $15 Per Month★
TSP Available

DUoFONE® TAD-245. "Beeperless" remote controls all major functions from any Touch-Tone phone or with a pocket tone dialer. Alert anyone near the answerer of your important call so they can answer and talk to you personally. Dual microcassettes make it convenient to organize announcement tapes and save messages. Voice activation, Toll-saver helps cut long distance costs when checking messages by remote. Variable incoming/outgoing message length, memo recording, 2-way record, remote turn-on and Call-monitor. $2^1/_4 \times 8^1/_8 \times 6^1/_8$". UL listed AC. 43-394 . . . . **129.95**

Remote Control Answerer/Telephone With Speakerphone and Memory

TSP Available **179⁹⁵** **Low As $15 Per Month★**

- **"Beeperless" Remote Control**
- **Voice-Activated Recording**
- **Dual-Microcassette Design**

- **Touch-Tone/Pulse Dialing**
- **Built-In Speakerphone**
- **Auto-Dialing Memory**

DUoFONE TAD-252. Features Touch-Tone remote to check incoming messages and control *all* major functions from a Touch-Tone phone. VOX and CPC save tape space and playback time. Also has Call-monitor, 2-way recording, room-monitor, remote turn-on and

Toll-saver. Switchable Touch-Tone/Pulse dialing. Speakerphone for 2-way hands-free conversations. Memory stores 20 numbers. $3^1/_4 \times 7^1/_2 \times 9^1/_4$". Includes CR 2032 battery for memory backup. UL listed AC.
43-395 . . . . **179.95**

Customized Announcement Tapes

For people who just don't always know what to say. The easy way to customize your phone answerer's outgoing messages with music, comedy or professional voices. Choose from five different editions. Works with most makes and models of answerers.

Office/Home Edition. Ten professional or humorous messages. **43-415** **5.95**
Comedy Edition Volume I. Hilarious impersonations of Groucho Marx, W.C. Fields and eight others. **43-416** **5.95**
Music Edition. Jingles with messages, or record your message to music. **43-417** . . . **5.95**
Comedy Edition Volume II. Funny messages with impersonations of Rodney Dangerfield, Howard Cosell plus eight others. **43-418** . . **5.95**
Rich Little Edition. The famous impersonator answers your phone as Humphrey Bogart, Jimmy Stewart, John Wayne, Clark Gable and six others. **43-419** **5.95**

Five Editions

5⁹⁵ Each

5⁹⁵ Each

Announcement & Message Tapes

- **Use With Our DUoFONE Answerers and Most Other Brands**
- **Available in Standard and Micro Sizes**
- **Keep Several on Hand to Build Your Incoming and Outgoing Message Library**

Size	Type	Recording Time	Cat. No.	Each
Cassette	Announcement	10 Seconds	43-405	4.95
Cassette	Announcement	15 Seconds	43-403	4.95
Cassette	Announcement	20 Seconds	43-401	4.95
Cassette	Announcement	30 Seconds	43-402	4.95
Cassette	Announcement	45 Seconds	43-404	4.95
Cassette	Announcement	60 Seconds	43-406	4.95
Cassette	Announcement	3 Minutes	43-407	4.95
Micro	Announcement	15 Minutes	43-409	3.49
Cassette	Message	60 Minutes	43-410	2.39
Cassette	Message	90 Minutes	43-411	2.49
Micro	Message	60 Minutes	44-640	3.49

SEE PAGE 83 FOR IMPORTANT INFORMATION ON TOUCH-TONE AND PULSE DIALING

Telephone Auto-Dialers, Headset and Amplifiers

Pocket Tone Dialer With 60-Number Memory

39⁹⁵

- Memory Stores 60 Numbers of 16 Digits
- LCD Display Shows Number Being Dialed

Hold it to the mouthpiece of virtually any phone and it dials for you, electronically. Chain-dialing for use with long-distance services. Security lock prevents unauthorized use. Last number redial. Handy index. 4³/₈ × 2³/₈ × ⁵/₈". Requires 3 "AAA" batteries. **43-143** **39.95**
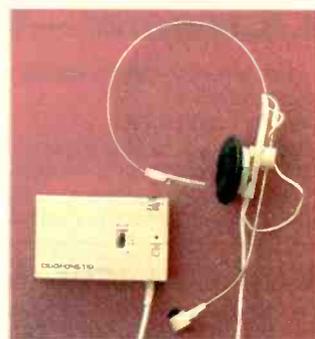
Universal Hands-Free Telephone Headset

59⁹⁵

Tandy Service Plan Available

- A Must for Anyone Who Needs To Keep Their Hands Free During Phone Conversations
- Works on Most Phones With Modular Handset Cord

DUóFONE® 119. Headset with adjustable mike boom frees your hands without twisting your neck to support a handset. Quick-disconnect makes it easy to leave the phone without removing headset. Amplifier module has volume control. Selectable carbon, electret or dynamic mike settings for use with most types of phones. LED battery test indicator. Requires 4 "AA" batteries. **43-171** **59.95**

Not compatible with some electronic phones, and phones with dial in handset

33-Number Memory Pocket Tone Dialer

NEW FOR 89 **21⁹⁵**

Saves You Money

Access low-rate, long-distance services from almost any phone. Use for tone-activated dictation machines, remote answerers and autopatches. Three priority memories for one-button dialing. Low battery indicator. Index on the back. 4³/₈ × 2⁵/₈ × ⁵/₈". Requires 3 "AAA" batteries. **43-141** **21.95**

Electronic Phone Amplifier System

39⁹⁵ TSP Available

Built-In Mike and Speaker

DUóFONE 102. Enjoy hands-free, two-way conference calls. High-speed automatic talk/listen switching. Privacy button. 2 × 6³/₄ × ³/₄". Phone line powered. Jack for AC adapter (#273-1455, may be required on low-current phone lines). **43-292** **39.95**

Low-Cost Pocket Tone Dialer

14⁹⁵

The Perfect Beeper For Beeperless Answering Machines

Utilize long-distance and other services requiring tone signals from rotary-dial (pulse) phones. Also for tone-activated remote answerers and auto-patches. Low battery indicator. 3³/₄ × 2¹/₄ × ⁵/₈". Requires 3 "AAA" batteries. **43-139** **14.95**

Budget-Priced Speaker/Amplifier

24⁹⁵

Hands-Free 2-Way Phone Conversations

Enjoy group conversations at work or home—plugs into modular jack. Phone line powered. Volume control, privacy/sensitivity pushbuttons, 5-foot cord, modular plug. 3¹/₂ × 6 × 3¹/₈". **43-278** **24.95**

Portable Phone Listener

8⁹⁵

Amplifies Calls So Others Can Listen

Works with most phones. Suction cup pick-up, volume control. 1⁵/₈ × 3¹/₂ × 4⁵/₈". Requires 9V battery or AC adapter (#273-1431). **43-231** **8.95**

Snap-On Handset Amp

10⁹⁵

Easy To Use

Boosts caller's voice up to five times normal volume. Hearing aid compatible. Volume control. 2¹/₂ × 2³/₈ × 1¹/₈". Requires "N" battery. **43-229** **10.95**

Compact Handset Amp

19⁹⁵

Plugs Into Modular Jack

Phone not included

Attaches to most phones and boosts caller's voice. Volume, tone controls. 2³/₈ × 4 × 1". Requires 9V battery. **43-237** **19.95**

Not for use on phones with dial in handset. May be incompatible with some electronic phones.

TELEPHONE AMPLIFIERS AND AUTO-DIALERS MAY NOT OPERATE ON SOME MULTILINE SYSTEMS

Extra-Feature Telephone Accessories
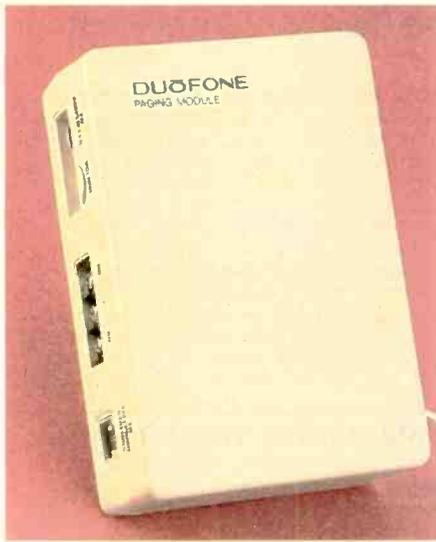
DUóFONE® Paging Module for Public Address Paging From Your Own Phone

NEW FOR 89

59⁹⁵

An Example of How to Set Up Your System

Available Oct. 15, 1988

- Use, Along With a PA Amplifier, To Turn Your Phone Into a Paging System
- Priority Terminal Cuts Off Background Music While Paging
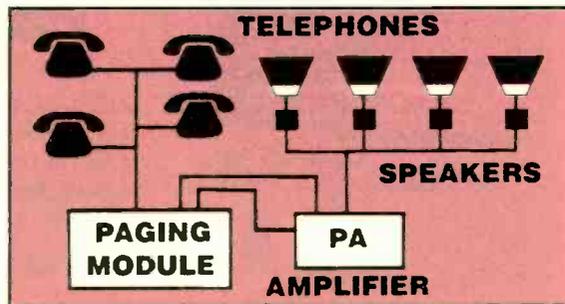
Now you can turn your Touch-Tone telephone into a public address system. This module lets you connect your telephone to a PA amplifier. Once connected, just lift the handset, press " ✶ " button and talk. If you're already on a call, pressing "#" will temporarily place the call on hold while you page. (Use with Radio Shack's MPA-40 amplifier.) 1⁷/₈ × 3¹/₂ × 5¹/₄". Includes UL listed AC adapter. **43-183** **59.95**

Computerized Phone Accounting System

TSP Available

99⁹⁵

Low As $15 Per Month ✶

- Helps Pinpoint Telephone Misuse and Abuse in Homes and Small Businesses by Providing a Printed Record of all Calls
- Prints Time, Date/Length of Incoming/Outgoing Calls, Account Numbers and Numbers Dialed

DUóFONE CPA-1000. Plugs in anywhere on your phone line to provide an easy-to-read, detailed printout of all incoming and outgoing calls. Automatically prints month/day/year, starting time and length of each call—even the number of rings before an incoming call was answered. Set it to print client account numbers as well as the number dialed on outgoing calls, so accounts can be billed for phone time spent on their behalf. If you have Call Waiting, it will even give you a complete record of both calls.

The CPA-1000 prints details as they happen and, at the end of every day, the system gives you a summary printout of that day's calls. Also get a summary printout showing total number of incoming and outgoing calls, any time. Battery backup system maintains all functions if AC fails. Low battery, power-on LEDs. Plug-in installation. For single-line use. 2 × 5⁷/₈ × 6¹/₄". UL listed AC. Backup requires 4 "AA" batteries. **43-152** **99.95**

Remote Control, 2-Line Forwarding System

99⁹⁵

Low As $15 Per Month ✶

TSP Available

- Automatically Forwards Incoming Call on Line-1 To Any other Number You Choose on Line-2
- Beeperless Remote Access for Reprogramming System to Forward Calls to a Different Number
- Security Code Prevents Unauthorized Access

DUóFONE CFS-200. Now you can be reached at your home or office—no matter where you are! Just connect to modular jack (RJ14), then program security code and the number you want your calls forwarded to—that's it! With remote access, change the number your calls are forwarded to from any Touch-Tone phone, or from any rotary-dial phone using a pocket tone-dialer. System doesn't "answer" calls. Incoming calls are answered at the forwarded number only. Long-distance callers are not charged if the forwarded number isn't answered. Automatically disconnects when you hang up or you can set it to limit the length of calls to three or 10 minutes. Switchable Touch-Tone or pulse dialing. Battery backup system maintains all functions if AC power fails. LED indicators for memory store, ready/in-use and power/low-battery. Requires 2-line service. 1⁵/₈ × 5³/₈ × 7⁷/₈". Includes UL listed AC adapter. Backup requires 6 "AA" batteries. **43-155** **99.95**
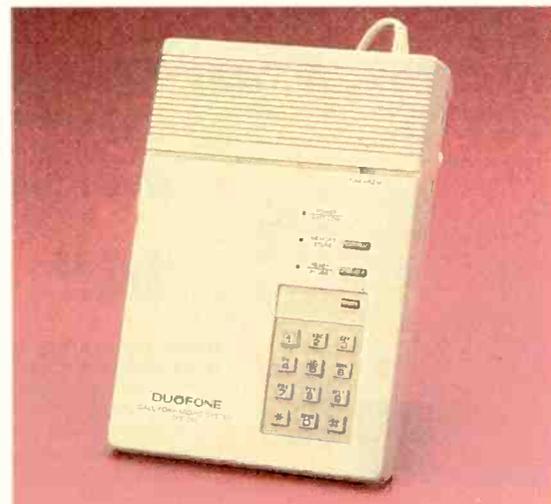
Radio Shack Quality Will Keep You Talking

The First Low-Cost Telephone Tester/Analyzer

299⁹⁵

Low As $15 Per Month★
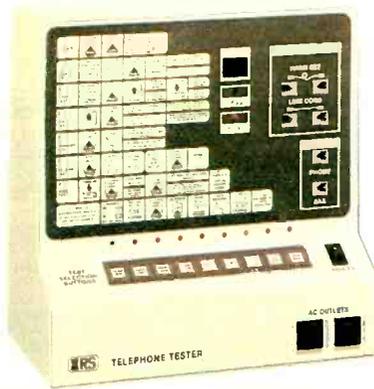
- **Excellent for Telemarketing Businesses Or Office Equipment Sales and Service**
- **Microprocessor Controlled for Accuracy**
- **Tests Tone and Pulse-Dialing Phones, Cordless Phones and Answering Machines**
- **Easy-to-Follow Picture-Coded Instructions For Fast, Accurate Step-by-Step Testing**

A must for businesses that depend on their phone systems. The easy way to analyze faulty phones and avoid needless outside repairs. Often a problem is as simple as a defective cord—which can be replaced by 'most anyone. This amazing instrument is designed to check for common problems in most phones and answering devices. Works on all single-line pulse, rotary and Touch-Tone models, even cordless phones. It can also be used to test 2-line phones by adding Adapter #279-401. Includes tests for dialing, defective plugs, cords, handsets and loud/soft ringing, plus long/short loop testing. Two front-mounted AC outlets for testing convenience. 14 x 13 x 8". UL listed AC. 43-114 . . 299.95

Spike Protector

12⁹⁵

Helps prevent electrical damage to single-line phone equipment. Protects against voltage spikes on line. For devices using RJ11C modular jacks. 43-102 . . . . 12.95

Four-Line Tap

19⁹⁵

Simple To Use

Add single-line devices to your 1A2-type multiline phone system. 1¹/₄ x 2³/₈ x 4". 43-270 . . . . 19.95
Line-1 Tap. 43-271 . . . . . 14.95

Controller and Adapter for Two Lines

With Hold Button
(1)

(1) Controller. Auto-switches single-line device between two lines. With ringing/hold LEDs. 2¹/₂ x 3⁷/₈ x 3". 43-380 . . 34.95

(2)

(2) Adapter. Use single-line phone answering device on two lines. Automatic switching. 43-383 . . . . 19.95
Both powered by phone line.

Phone Shoulder Rest

5⁴⁹

NEW FOR 89

Available Sept. 30, 1988

Write as you talk. Adjusts to fit most types of phone handsets. 43-119 . . . 5.49

Phone Line Tester

3⁴⁹

LEDs show if line is operational. Safe to use. Powered by phone line. 43-101 . . 3.49

Hear and See It Ring—Extensions & Flashers

(1) FONE FLASHER (2) FORE FLASHER 2 (3) (5) MINI FONE FLASHER

(1) Indoor Extension Bell. Cancels phone's electronic ringer or works by itself. Modular plug. 43-175 . . . . 14.95
(2) Fone-Flasher™. Turns on and off a lamp when phone rings. Easy installation. For incandescent bulbs to 300W. UL listed AC. 43-177 . . . . . . 14.95
(3) Fone-Flasher 2. Activates built-in strobe and ringer when phone rings. Ringer/flasher/combination modes. UL listed AC. 43-178 . . . . 29.95
(4) Outdoor Bell. Handy for porch, patio or garage. Weather-resistant molded housing. Modular jack. 43-174 . . . . 29.95
(5) Mini Fone-Flasher. Ideal for offices with many phones—shows you which phone is ringing. Attaches with double-sided adhesive tape. 7-foot modular cord and duplex jack. Powered by phone line. 43-179 . . . . . 8.95

Recording Controls

(1)   (2)
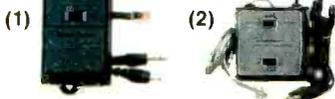
(1) Single Phone. Lets you auto-record your calls on recorders with remote jack. 43-228 . . . . 19.95
(2) Multiphone. Also works with extension phones. 43-236 . . . . 24.95

Handy Accessories

Phone not incl.

Ringer Silencer. On/off switch, 7-foot modular cord. 43-127 . . 7.95
Pen and Holder. Stick-on. 43-110 . . . . 89¢

Wired Two-Station Intercom

14⁹⁵
Pair

Saves Time And Steps

Battery-powered, wired system for noise-free conversation in home, shop, camper or boat. Remote can signal master even when system is "off". For desk, or mount on wall with screw-slots. Includes 66-foot cable and staple fasteners. Each 1¹/₂ x 3⁷/₁₆ x 4¹/₈". Requires 9V battery. 43-222 . . . . Pair 14.95

Four-Station Intercom

Noise-Free Wired System # 24⁹⁵ **Set of 4**

Selector on master lets you talk with each station individually—no other station can listen in. Features master volume and Call-button. For desk or wall. With three 66-foot cables, staples. Master, 1¹/₂ x 4¹/₈ x 4³/₄". Remote. 1¹/₂ x 3⁷/₁₆ x 4¹/₈". Requires 9V battery or AC adapter #273-1431. 43-223 . . . . Set of 4/24.95

MULTILINE DEVICES MAY NOT WORK WITH ELECTRONIC PHONE SYSTEMS / ALL APPLICABLE EQUIPMENT FCC REGISTERED

Our "Gold Standard" Phone Accessories
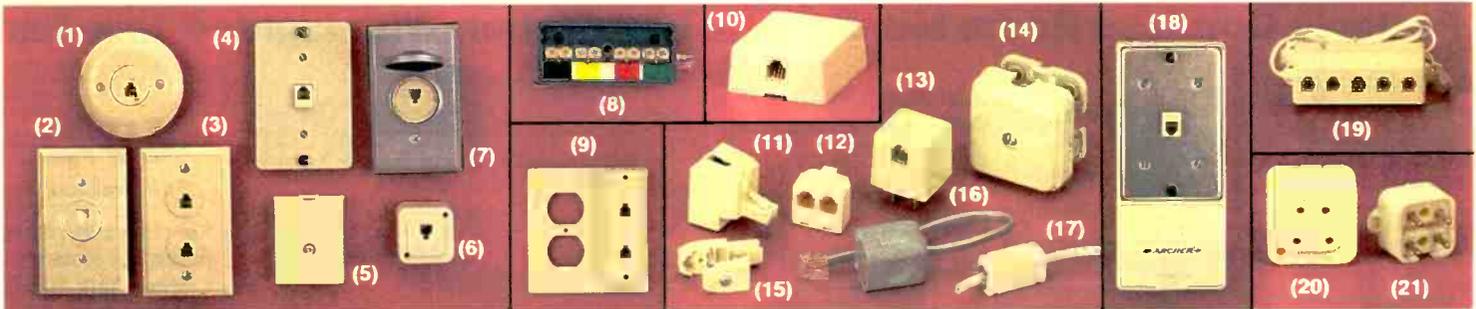
Wall Plates, Jacks, Plugs & Adapters

(1) Round Modular Wall Jack. 279-392 .... 4.95
(2) Rectangular Modular Wall Jack. 279-352 .... 3.95
(3) Dual Wall Plate. For up to four separate lines or two phones with the same number. 279-350 .... 5.95
(4) Wall Phone Plate. Accepts standard modular wall phones. 279-387 .... 5.95
Surface Mount Wall Phone Plate. As above, but mounts on wall without electrical box. 279-382 .... 5.95
(5) Quick-Connect Jack. Converts wall block for use with modular plug. Spade terminals. 279-355 .... 2.19
Modular Jack. As above, with snap-on clips. 279-386 .... 2.99
Modular Jack with Wiring Block. 279-349 .... 3.95
(6) Surface-Mount Modular Jack. 279-353 .... 3.95
(7) Outdoor Wall Plate. Modular jack with flip-up cover. 279-340 .... 8.95
(8) Entrance Bridge. Provides distribution or connecting point with screw terminals for phone company network interface. Attaches to wall. 279-394 .... 6.49

(9) Dual Modular Jack With AC Wall Plate. 279-415 .... 6.95
(10) Six-Wire Surface Mount Jack. For use as RJ25C 3-line jack, or used with many electronic PABX phone systems. 279-420 .... 4.49
(11) Quick-Plug. Use older phones with modular jacks. Accepts spade lugs or bare leads. 279-375 .... 2.95
(12) Duplex Jack. Couples two modular devices into one jack. 279-357 .... 4.95
(13) Cord Adapter. Converts modular plug to 4-prong. 279-351 .... 3.19
(14) 42A Connector Block. Terminals for spade lugs, bare wire. 279-389 .. 2.19
(15) Quick-Connect Modular Plug. Just push color-coded wires into corresponding holes and screw down cap. 279-383 .... 3.95
(16) Plug Adapter. Converts 4-prong plug to modular plug. 279-393 ..... 3.95
(17) Inline Coupler. Interconnects two modular line cords. 279-358 .... 2.49
(18) Modular Duplex Wall Phone Adapter. Install a wall phone, plus a phone accessory, using the existing wall jack. 279-359 .... 9.95
(19) Five-Outlet Modular Adapter. Connects up to five devices into one modular jack. 279-410 .... 9.95
(20) Four-Prong Jack. Accepts standard 4-prong plug. 279-367 .... 1.69
(21) Four-Prong Plug. Fits standard 4-prong jack above. 279-366 .... 1.49

Tools and Cables
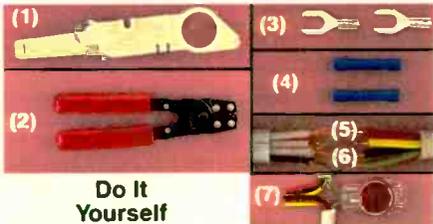
Do It Yourself

(1) Wire Stripping Tool. 279-400 .... 1.99
(2) Phone Connector Crimp Tool. 64-410 .. 6.99
(3) Spade Lugs. Insulation piercing. 64-3070 .... Pkg. of 24/1.19
(4) Butt Connector. Insulated. 64-3073 .... Pkg. of 24/1.19
(5) 50-Ft. 24-Gauge Solid Cable. 278-372 .. 5.49
100-Ft. Four-Conductor Cable. 278-373 .. 10.95
Four-Cond. Bulk Cable. 278-1320 ... Per Ft. 14¢
(6) 50-Ft. 4-Cond. Mod. Cable. 278-365 .. 5.49
100 Feet Modular Cable. 278-366 .... 10.98
(7) Weather-Sealed Splice Connector. 64-3080 .... Pkg. of 4/1.69

Modular Handset Cords

Coiled 25 Feet		
Color	Cat. No.	Each
White	279-301	5.95
Almond	279-302	5.95
Beige	279-303	5.95
Brown	279-304	5.95
Gray	279-300	5.95
Black	279-305	5.95

12 Feet		
Color	Cat. No.	Each
White	279-306	4.95
Almond	279-307	4.95
Beige	279-308	4.95
Brown	279-309	4.95
Gray	279-311	4.95
Black	279-312	4.95

25-Foot Heavy-Duty Cord
More resilient and stain resistant.

Color	Cat. No.	Each
White	279-290	7.95
Almond	279-291	7.95
Beige	279-292	7.95
Brown	279-293	7.95

Low As
4⁹⁵ — 4^{95}

Modular Line Cords

(1) 18-Ft. Coiled Modular-to-Modular. Satin, 279-395. White, 279-396. Brown, 279-397 .... 5.95
(2) 12-Ft. Modular-to-Modular. 279-374 .... 4.95
25-Ft. Modular-to-Modular. 279-356 .... 5.95
5¼" Modular-to-Modular. 279-390 .... 99¢
(3) 25-Ft. Modular-to-Spade. 279-364 .... 5.95
12" Modular-to-Spade. 279-391 .... 1.99
12-Ft. Modular-to-Spade. 279-310 .... 4.95

Modular Dual-Jack Extension Cords

Re-Locate Your Telephone

Modular plug at one end, dual jacks at other end (RJ11/14). Straight cord (not shown) or coiled.
12-Foot. 279-373 .... 5.95
25-Foot. 279-363 .... 6.95
25-Foot Coiled. Eliminates extra cord tangle. 279-377 .... 6.95

Crimping Equipment

2⁹⁹ Pkg. of 10 — 2^{99}

8⁹⁵ — 8^{95}

Modular Connectors. Use with crimping tool below. 279-384 .... Pkg. 10/2.99
Crimping Tool. The quick, easy way to install modular line cord plugs. 279-388 .... 8.95

Eight-Terminal Wall Box

2⁵⁹ — 2^{59}

Accepts plates above and most other security and television wall-plates. Mounts on wall stud or wallboard. 279-341 .... 2.59

Two-Line Coupler And 3-Way Jack

(1) Two-Line Coupler. Combines two individual lines with RJ11 jacks into a two-line RJ14 jack. 279-401 .... 6.95
(2) Three-Way Jack. Adds two single-line RJ11 connections to a 2-line RJ14 jack, without losing 2-line device connection. 279-402 .... 6.95

Cord Untangler

NEW FOR 89 **4⁹⁹** — 4^{99}

No More Knotted Handset Cords

Swivel device fits all standard modular phones, installs in seconds. Plugs into handset or base. 279-299 .... 4.99

RADIO SHACK "GOLD STANDARD" MEETS FCC SPECIFICATIONS OF 50 MICROINCH GOLD CONTACTS ON DIRECT CONNECTING TELEPHONE EQUIPMENT

Plug 'n Talk® FM Wireless Intercom Systems

Portable Cordless Room Monitor

39⁹⁵ Set

TSP Available

Just Plug Into AC Outlet—No Wiring To Install

Now you can monitor an area such as a child's or dependent person's room, as you move freely around the house! Receiver clips to your belt or pocket, or save battery power and use the AC adapter included. Switchable 2-channel operation helps cut interference. Receiver requires 9V battery for portable use. Adapter and transmitter, UL listed AC operation. Extra receivers available on special order. **43-202** .... **Set 39.95**

Flexible Antenna. For receiver. **43-189** **4.95**

Two-Station With Lighted Talk-Bar
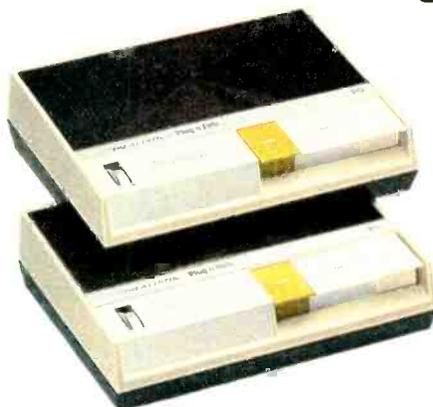
69⁹⁵ Pair

TSP Available

- FM Operation Cuts Electrical Noise
- Lighted Talk-Bar Doubles As a Handy Nightlight
- Unique Call-Tone
- Squelch Control

Puts an end to running between rooms. It couldn't be easier to use—just plug into AC and press Talk-bar to speak. Lock-bar provides hands-free talking or continuous monitoring of the other unit. Each station has volume control, and Call-tone button to alert other station. Squelch silences units between calls. Available in 3 different frequencies to prevent interference. 1³/₄ × 6³/₄ × 4³/₄". UL listed AC. **43-212** .... **Pair 69.95**

Wireless Room Monitoring System

24⁹⁵ Set

- Keep an "Ear" on a Child's Room Around Home
- Just Plug Into AC

Ideal for "baby-sitting" from another room or as a 1-way intercom. Transmitter has on/off switch. Receiver has on/off volume control. 1⁷/₈ × 3 × 3⁷/₈". UL listed AC. **43-208** .... **Set 24.95**

Budget-Priced 2-Station System

39⁹⁵ Pair

- Compact Design
- For Desk or Wall

Just plug in and talk. Call-tone lets you alert the other station. Talk-bar with lock position for hands-free talking or continuous monitoring. Volume control and power-on indicator. Add another pair anytime to expand. Hanger slots for wall mounting. 1⁷/₈ × 5⁷/₈ × 4". UL listed AC. **43-207** .... **Pair 39.95**

Our Finest! Wireless 3-Station, 3-Channel Intercom and Monitor

Set of 3 99⁹⁵ Low As $15 Per Month★ TSP Available

- Squelch Keeps Stations Silent Until Calls From Other Stations Come In
- FM Operation Cuts Electrical Noise

Stop running around—instead, talk between any three areas. And there's no wiring necessary—simply plug each station into an AC outlet at the desired location. Each station features selectable 3-channel operation so you can talk with one station without disturbing the third. Call-tone button permits signaling one or all stations. Lockable Talk-bar is great for hands-free conversation or continuous monitoring. Each station has volume control, channel selector and power-on LED indicator. Built-in modulation limiting circuit for clearest sound. For desktop or wall. Simply add another set to expand system. 1⁵/₈ × 5¹³/₁₆ × 4¹/₈". UL listed AC. **43-218** .... **Set of 3/99.95**

WIRELESS INTERCOMS OPERATE UP TO 300 FEET APART AND USUALLY BETWEEN NEIGHBORING HOUSES AND APARTMENTS

Electronics to Always Keep You In Touch

Add "Intercom" and "Hold" to Any Phone In Your Home With This System

49⁹⁵ Pair
TSP Available

Ends Running From Room to Room When Someone Else Has a Phone Call

Phone not included

Added convenience for business or home communications! This 2-station intercom lets you put telephone calls on hold. If the call is for someone at the other station, you can notify the person by using the intercom. When the extension phone is answered, the hold function will automatically release. Phone-line operation provides maximum clarity and freedom from most electrical interference. Easy to hook up—just plug in to AC and standard modular phone jack, then plug telephone in to intercom. Intercom doesn't interfere with normal phone conversations. Expand the system by adding others anywhere there's an AC outlet and modular phone jack—you don't even have to plug a phone into the intercom. Talk-bar with lock for hands-free talking or monitoring of another room. Each station has Call-tone button, Phone-hold button and volume control. For desk or wall. 1³/₄ x 5³/₄ x 4". UL listed AC. 43-206 . . **Pair 49.95**

Eight-Channel, 1-Way Wireless Personal Paging System for Business or Home

99⁹⁵
Low As $15 Per Month★

■ **Ready to Use** ■ **No License Required**
■ **With Antenna for Up to 2-Mile Range**

Realistic® PG-80. The low-cost way to improve the efficiency of any business. Powerful 7-watt transmitter puts you in touch with the right person at home or at work, immediately. Push a button on transmitter and receiver "beeps" to alert user to check in. Digital encoding (4096 possible combinations) with memory backup assures reliable, interference-free paging. Receiver alerts you with an audible signal when it's time to replace batteries. Add an outdoor CB antenna for extra range. Transmitter memory is protected for up to three hours if AC fails. Receiver memory is protected for up to one hour if batteries fail. Includes transmitter and one receiver. Accommodates up to eight receivers. Transmitter, 2¹/₄ x 2³/₁₆ x 1⁷/₁₆", is UL listed for AC operation. Receiver, 4 x 2³/₁₆ x 1⁷/₁₆", requires 3 "AAA" batteries. **49-710** **99.95**
Extra Receiver. 49-711 . . . . **Each 29.95**
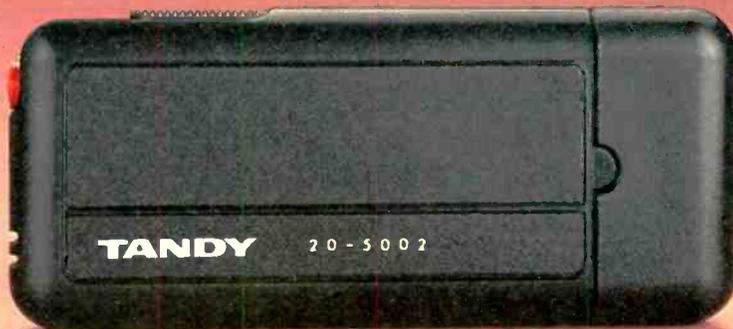
Tandy® Personal Pocket Pager

Actual Size

99⁹⁵
Low As $15 Per Month★

Paging Service fee extra

Lightweight And Compact

■ **Perfect for Active Families—You Can "Beep" The Kids Home When It's Getting Late**
■ **Babysitter Can Always Reach You Quickly, Easily**
■ **Clips Conveniently to Your Belt or Pocket**
■ **Now Available in Most Major Cities**

When you need to stay in touch but can't stay by the phone, the Tandy pager is the only answer! When your exclusive local phone number is dialed, your pager is automatically activated and "beeps" to tell you to call in for the message. If you can't be interrupted, the "silent paging" mode will store the "beep" in memory until you check it—ideal for meetings or church. One of the smallest available—just ¹/₂" thin. It's so lightweight, you might forget it's there—until you *don't* miss that important phone call! With type 675 HP batteries. FCC registered.
Extra Pager Batteries. 23-150 . . . . **Pkg. of 2/1.69**

COMPLETE INDEX

Buy in Quantity and Save! Up to 40% Off!

- Get Discount Prices on Everything Available in This Catalog
- For Premiums, Sales Promotions, Educational/Institutional Needs
- To Order, Call or Visit Your Nearest Radio Shack Store

Quantity buyers and purchasing agents can get big savings off Catalog 432 "each" prices. Terms: NET 30 days, FOB Radio Shack store or warehouse nearest you. Discounts to be taken off single-prices. Items may not be assorted.

Equipment	6-11	12-49	50-499	500-Up
Antennas, TV/FM	10%	15%	20%	25%
Audio Components (Receivers, Amps, Tuners, Changers, Speakers, Headphones, Equalizers & CD Players)	10%	15%	20%	25%
Audio Accessories	—	15%	25%	33%
Auto Tape Players, Radios, Accessories	10%	15%	20%	25%
Batteries (Radio Shack brands)	—	10%	20%	30%
Batteries (other brands)	5%	7%	10%	20%
Books	10%	20%	25%	33%
Calculators	5%	10%	15%	20%
CB (Base, Mobile, Walkie-Talkies)	10%	15%	20%	25%
CB Antennas, Accessories	—	10%	15%	20%
Coax/Telephone Wire (500-ft. rolls only)	10%	12%	15%	20%
Computers (Pocket, Color, Tandy 102)	5%	10%	15%	20%
Computers (All others)	5%	10%	(See store manager)	
Computer Printers, Peripherals	5%	10%	15%	20%
Computer Software	7%	12%	17%	20%
Computer Accessories, Supplies	5%	10%	20%	25%
Electronic Components	—	10%	25%	33%
Electronic Games/Space Patrols	5%	10%	12%	20%
Facsimile Machine	5%	7%	10%	15%
Fax Supplies and Accessories	7%	12%	17%	25%
Intercoms	10%	15%	20%	25%
Kits (Science Fair and ArcherKit)	5%	10%	15%	20%
Marine Transceivers	10%	15%	20%	25%

Equipment	6-11	12-49	50-499	500-Up
Microphones	10%	15%	20%	25%
PA Equipment	10%	15%	20%	25%
Phonos (Portables, Compacts)	5%	10%	15%	20%
Radar Detectors	10%	15%	20%	25%
Radios (Clock, Portable, Stereo, Novelty)	7%	12%	17%	20%
Radio-Controlled Toys	5%	10%	12%	20%
Scanners, Communication Receivers	10%	15%	20%	25%
Security Devices	7%	12%	20%	25%
Speakers (Unmounted)	10%	15%	20%	25%
Tape Recorders and Players	7%	12%	17%	20%
Tape, Recording (Audio)	(See Pages 60, 62)			40%
Tape, Recording (Video)	(See Page 65, No Additional Discounts)			
Tape Accessories	—	10%	20%	25%
Telephones (Dialers, Answerers, Amps, Controllers)	7%	12%	17%	25%
Telephone Accessories (279 series)	—	10%	25%	33%
Telephone, Pagers, Cellular	5%	7%	10%	15%
Television, Video Cassette Recorders, Camcorders	5%	7%	10%	15%
TV/Video Accessories	—	10%	20%	25%
Test Equipment	10%	15%	20%	25%
Timers, Electrical Accessories, Plug 'n Power, Flashlights, Clocks, Watches, Treasure Finders	5%	7%	10%	20%
Tools and Hardware	5%	7%	10%	20%

TSP TANDY SERVICE PLAN
Available at All Radio Shack Stores

Our commitment to SERVICE includes affordable buyer protection beyond the normal product warranty period. TSPs are available for many of our products. Convenient and easy to start, these Plans take the worry out of maintaining your equipment and offer these advantages:

- Parts and Labor Coverage Extending Our Limited Warranty to a Total of 5 Years in Many Cases
- Service Performed by Trained Radio Shack Personnel in Company-Owned Service Centers and Available Through Any One of Over 7000 Stores and Dealers in All 50 States
- No Unexpected Repair Costs—After Normal Warranty Period, Charges Are Limited to a $5.95 Shipping and Handling Fee (Not Applicable to Computer Products)

Series	Description	Price	Years Coverage
12	Autosound *below $100*°	29.95	3
12	Autosound *above $100*°	39.95	3
13	Clarinette Systems	59.95	3
13	Rack Sys. *below $500*°	59.95	3
13	Rack Sys. *above $500*°	99.95	5
14	CTR/Minicassette Recorders	39.95	3
14	SCT Cassette Decks	59.95	5
14	SCR/Modulaire Portables	39.95	3
15	Video Comp. *below $100*	19.95	3
15	Video Comp. *above $100*	29.95	3
16	VCRs	49.95	1°°
16	VCRs	139.95	3°°
16	Camcorders	79.95	1°°
16	Camcorders	199.95	3°°
16	Televisions	79.95	3
17	Cellular *below $1000*°	129.95	3
17	Cellular *above $1000*°	199.95	3

Series	Description	Price	Years Coverage
20	Scanners	39.95	5
21	Walkie-Talkies *below $50*°	19.95	3
21	Walkie-Talkies *above $50*°	39.95	3
21	CB Transceivers	39.95	3
22	Radar Detectors	39.95	3
25	Computer Equipment	°°°	1
26	Computer Equipment	°°°	1
31	Equalizers	39.95	5
31	STA/SCR Receivers	59.95	5
31	Rack Audio Systems	99.95	5
32	MPA PA Amplifiers	39.95	5
42	LAB Turntables	39.95	5
42	Musical Keyboards	39.95	5
42	Compact Disc Players	59.95	5
43	TAD Answering Devices	39.95	3
43	Corded Phones *below $50*°	39.95	3
43	Corded Phones *above $50*°	39.95	3
43	Cordless Phones	49.95	3

* Price breaks are based on CURRENT ANNUAL CATALOG price. Sale prices do not apply.
** VCR and Camcorder TSPs may be purchased for either one three-year term or three one-year terms. One-year plans are renewable twice for a total term not to exceed three years from the original equipment purchase date.
*** Carry-In and On-Site TSPs are available for Tandy/Radio Shack computer equipment. For a free TSP brochure, visit your local Radio Shack.

EMPLOYMENT OPPORTUNITIES
Promising Careers in Retail Sales, Computer Marketing And Sales Management!

If you have sales ability, are willing to work to achieve maximum results and are interested in being compensated for your productivity, then our Radio Shack store or Radio Shack Computer Center training programs may be the career opportunity you've been looking for. Thanks to our continuing growth, there are Sales and Manager Trainee opportunities in a number of major market areas.

Write Our National Headquarters for the District Sales Office Location Nearest You!

PROFESSIONAL EMPLOYMENT
500 One Tandy Center, Fort Worth, TX 76102

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Our Timely Selection of AM/FM Clock Radios

NEW FOR **89**

Available Oct. 15, 1988

Handy Storage Compartment For Earphones

(1)

(2)

(3)

(4)

(5)

Colorfully Styled Waker-Upper With LED Display and Snooze

29⁹⁵
- Easy-Set Hour and Minute Buttons
- Sleep and Snooze Controls

(1) Chronomatic®-262 Rise 'N Shine®. Pastel accents add a designer touch to any youngster's room. Features easy-to-reach radio on/off, auto-alarm and time-set controls. Snooze control and one-hour/59-min. sleep mode, AM/FM band selector, 3" speaker, plus earphones for personal or late-night listening. 4½ x 6¼ x 4¼". UL listed AC. **12-1569** **29.95**

Dual Alarms and LED Display

37⁹⁵
Features Dual-Alarm Setting With Independent Wake-Up Times

(2) Chronomatic-257. Most-wanted features include easy-to-read 0.6" LED clock display with hi/lo dimmer, on-top snooze button for a few minutes of extra rest with each tap, 59-minute sleep control, plus fast/slow and forward/reverse buttons for easy setting. LED "on" indicator for each alarm, lighted dial, 3" speaker, ⅛" earphone jack. 2½ x 9 x 5⅝". UL listed AC. **12-1564** **37.95**

Budget-Priced Fluorescent

27⁹⁵
"Beep" Alarm Has Its Own Adjustable Volume Control

(3) Chronomatic-253. Wake to alarm or radio. Handy on-top controls for alarm "on," hour and minute setting, FM/AM selection, volume, snooze and one hour/59-minute sleep mode. Display brightness control. Time-set prevents accidental resetting. Has 3" speaker, 0.6" display, a.m. indicator. Deluxe beveled-front woodgrain cabinet. 2⅝ x 10 x 6⅛". UL listed AC. **12-1561** **27.95**

Latest Styling, Bargain Price

24⁹⁵
Wake to FM, AM, or "Beep" Alarm With Adjustable Volume

(4) Chronomatic-252. High style and high value! Features easy-to-reach on-top controls for hour and minute setting, volume, snooze and one hour/59-minute sleep mode. 0.6" LED time display, a.m. indicator and a 3" speaker. Deluxe woodgrain cabinet with beveled front for good looks. 2⅝ x 10 x 6⅛". UL listed AC. **12-1560** **24.95**

Lowest Priced Clock Radio

19⁹⁵
Compact Size And "Beep" Alarm

(5) Chronomatic-261. Our lowest priced AM/FM clock radio ever, yet packed with popular features! You get top-mounted controls for hour/minute setting, snooze control and 59-minute sleep mode. With easy-to-read 0.6" LED time display, LED alarm "on" indicator and a 2¼" speaker. Attractive low-profile styling. 1⅞ x 7¹⁄₁₆ x 4⁵⁄₁₆". UL listed AC. **12-1568** **19.95**

USE OUR ENERCELL® EXTRA-LIFE 9V BATTERY #23-583 (NOT INCLUDED) FOR BEST BATTERY BACKUP/SENTINEL OPERATION

All With Battery Backup/Battery Sentinel®

Battery Backup During AC Failure

If AC power fails, backup system keeps clock running up to eight hours, without display, and operates alarm at the time you've set. With battery backup you can also move your radio to another room without having to reset the clock or alarm.

Exclusive Battery Sentinel System

A special circuit automatically tests the backup battery daily. The front-panel Sentinel LED lights-up to warn you if battery is weak or not in place. All Realistic clock radios on these two pages have these important extras to help you stay on time.

BATTERY SENTINEL

AM/FM Stereo, Dual Alarms

- On-Top 3" Speakers
- Stereo Headphone Jack

49⁹⁵

(1) Chronomatic-251. Start the day with your choice of FM stereo, AM radio or "beep" alarm. With dual alarms for setting different wake times, fast/slow and forward/reverse controls for easy setting, on-top slide-action volume controls, 0.6" LED display with hi/lo dimmer and separate "on" indicators for each alarm. Features 59-minute sleep control, snooze, ⅛" stereo headphone jack, terminals for adding an external 300-ohm FM antenna. 2⅝ x 10⅞ x 3½". UL listed AC. **12-1559** . . . **49.95**

(1)

Fluorescent With Dual Alarms

Easy-to-Reach Up-Front Controls

47⁹⁵

(2) Chronomatic-260. Combines dramatic styling, dual-alarm convenience and a 0.6" fluorescent display that's easy on the eyes. Wakes with FM, AM or "beep" alarm. Features dual alarm settings for two independent wake-up times, fast/slow and forward/reverse buttons for simple setting, sleep control for listening up to 59 minutes before radio shuts off automatically. Also has snooze control for extra sleep time, hi/lo display dimmer control, separate LED "on" indicator for each alarm, lighted dial pointer, 3½" speaker, ⅛" headphone jack. 3⅜ x 10⅝ x 6¹¹⁄₁₆". UL listed AC. **12-1567** **47.95**

(2)

Dual Alarms, Large Display

Dual-Alarm Settings With Independent Wake-Up Times

44⁹⁵

(3) Chronomatic-259. Big 0.9" LED clock display with hi/lo dimmer is easy to read from across the room. Dual alarms for setting two different wake times, plus fast/slow and forward/reverse controls to make setting easy and precise. Snooze gives you extra sleep time and then repeats "beep" alarm. Sleep control for drifting off to music—the radio plays up to 59 minutes and shuts off automatically. Separate LED "on" indicator for each alarm, lighted dial pointer, 3½" speaker, ⅛" earphone jack. 3⅜ x 10⅝ x 6¹¹⁄₁₆". UL listed AC. **12-1566** . . . **44.95**

(3)

Contemporary Dual Alarm

Easy-to-Read Fluorescent Display

39⁹⁵

(4) Chronomatic-258. This sleek beauty has dual "beep" alarms for two separate wake-up times, fast/slow and forward/reverse controls for easy setting and snooze control for extra sleep time. Sleep control plays up to 59 minutes of music, then shuts off. Easy-to-read 0.6" fluorescent display with hi/lo dimmer control, LED "on" indicator for each alarm, lighted dial pointer, 3" speaker, ⅛" earphone jack. 2⁹⁄₁₆ x 9⁷⁄₁₆ x 5¹¹⁄₁₆". UL listed AC. **12-1565** **39.95**

(4)

ALL REALISTIC CLOCK RADIOS FEATURE IMPACT-RESISTANT MOLDED CASES AND HAVE BUILT-IN AM/FM ANTENNAS

AM/FM Clock Radios With Special Features

Dual-Alarm AM/FM Stereo Clock Radio With Cassette Recorder

- Wake to Radio, Alarm or Stereo Cassette
- Record From Radio or "Live" With Mikes
- Built-In 3" Full-Range Stereo Speakers
- Battery Backup/Battery Sentinel® System

79⁹⁵
TSP Available

Realistic Chronomatic®-256. Three ways to start your day! Dual alarm times let working couples wake separately to AM/FM stereo radio, beep alarm or even taped music with the stereo cassette recorder. Tap the snooze-bar for a few extra minutes of rest—alarm repeats automatically. Sleep switch lets you record tapes or listen to radio up to 59 minutes, then shuts off. Front-loading cassette features pause control, one-button recording, end-of-tape auto-stop and two built-in mikes. Clock radio includes AM/FM/FM stereo LED indicators, lighted tuning dial, rotary balance, volume and tone controls, fast/slow forward/reverse time set controls and terminals for adding an external FM antenna. Fluorescent time display has automatic dimmer. ⅛" stereo headphone jack. And our exclusive Battery Backup/Sentinel keeps you on time if AC fails. Walnut vinyl veneer finish. 4⅜ x 13¾ x 6⁵⁄₁₆". UL listed AC.
12-1563 . . . . **79.95.**

AM/FM Clock Radio/Telephone

49⁹⁵
TSP Available

- Built-In Pushbutton Telephone With Switchable Touch-Tone or Pulse* Dialing
- Battery Backup/Battery Sentinel

Realistic Chronofone®-255. Space-saver combines a full-featured digital clock radio with a telephone that works on any line. Radio mutes automatically when phone is used or can be set to continue playing. Wake with FM, AM or buzzer. Hour and minute pushbuttons make it easy to set time and alarm precisely. Snooze control gives you a few extra minutes of sleep with each tap, then repeats alarm. Sleep control lets you go to sleep with music—radio plays up to one hour/59 minutes, then shuts off automatically. Phone has ringer on/off switch, one-touch redial of last number called and a 7-foot modular cord. 0.6" LED time display, with high/low dimmer and ⅛" earphone jack for late-night listening. Exclusive Battery Backup/Sentinel system keeps you on time even if AC fails. 3½ x 7¹⁵⁄₁₆ x 8", with phone on cradle. UL listed AC. Phone is FCC registered.
12-1562 . . . . **49.95**

*See page 83

Under-Cabinet AM/FM Digital Clock Radio

49⁹⁵
NEW FOR 89

Available Sept. 30, 1988

- It's a Radio, a Clock and An Appliance Timer
- Reduces Counter Clutter

Realistic KitchenMate™-101. Programmable 3-way timed outlet with fast/slow, forward/reverse time setting and 59-minute countdown timer. Appliance outlet rated 600 watts for TVs or lamps and 1650 watts for other appliances. Clock has 0.6" LED display, radio has FM-AFC. Battery Backup/Sentinel keeps time if AC fails. With mounting hardware. 2⁷⁄₈ x 12 x 6⁷⁄₁₆". UL listed AC. 12-1570 . . . . **49.95**
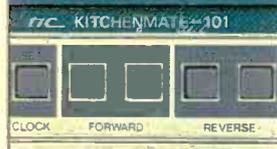
Programmable Timed AC Outlet

Easy Undercounter Mounting

96　　USE OUR ENERCELL® EXTRA-LIFE 9V BATTERY #23-583 (NOT INCLUDED) FOR BEST BATTERY BACKUP/SENTINEL OPERATION

VHF Radios for Instant Weather Reports

Revolving Credit Available
See Page 3

STAY INFORMED WITH A REALISTIC® WEATHERADIO RECEIVER

The National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special commercial-free VHF stations in over 365 cities. Most operate 24 hours. Come in for details.

Desktop Weather and Time Receiver

39⁹⁵

Receives Weather Stations And the World's Most Accurate Time

Realistic® Weatheradio/Timekube. Just tap the Play-bars for weather or National Bureau of Standards time-signal station WWV on 5, 10 or 15 MHz. Crystal controlled. Get weather stations up to 50 miles away. LED mode indicator. 1⁷/₁₆ x 6 x 3¹⁵/₁₆". Requires 9V battery. **12-148** **39.95**

Desktop Weatheradio® Alert Receiver
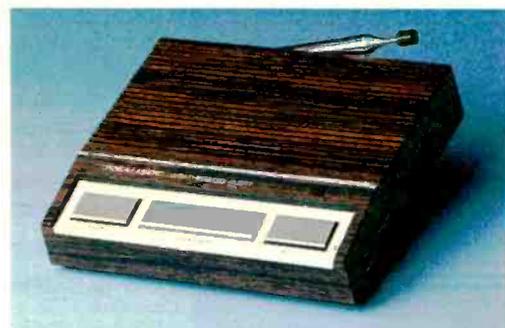
39⁹⁵

Get Advance Warning of Severe Weather Systems Approaching Your Area

When alarm sounds, press Weather-bar for advisories and what precautions to take. Alarm test/weather/alert standby buttons. Battery backup. Power on/alert standby LEDs. Crystal controlled. Up to 50-mile range. 1³/₈ x 5¹/₄ x 6". UL listed AC. Backup requires 9V battery. **12-140** **39.95**

Our Pocket Weatheradio

21⁹⁵

Tops for Travelers And Campers

It's tiny, so it goes anywhere you go. Crystal controlled for drift-free reception. RF amplifier for up to 50-mile range. Telescoping antenna. With wrist strap. 4¹/₄ x 2³/₄ x 1". Requires 9V battery. **12-151** **21.95**

Weather on a Desk

NEW FOR 89

Up to 50-Mile Range

24⁹⁵

Tap the Play-bar for weather information. Crystal-controlled. Requires 9V battery or AC adapter. 1¹/₂ x 5¹/₄ x 3¹/₂". **12-141** . . **24.95**
AC Adapter. UL listed. **273-1431** **6.95**

Weatheradio Cube

17⁹⁵

The Original!

Pre-Set Controls

Only Three Inches Square
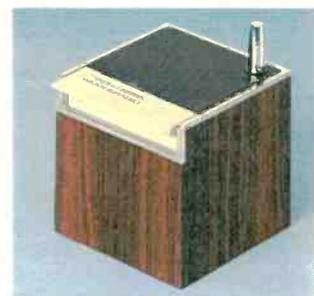
Tap Play-bar for weather stations up to 25 miles away, tap again to turn off. Under-set volume, tuning controls. Telescoping antenna. Simulated rosewood. Requires 9V battery. **12-181** . . **17.95**

Handsome Table Radio Entertainment for Any Room

Unique Institutional Design AM/FM

39⁹⁵

Great for Private Listening

Realistic MTA-14. Ultimate privacy—no speaker! Uses ¹/₄" headphone. Tone control, dial light. Walnut vinyl. 6 x 6¹/₄ x 4³/₄". UL listed AC. **12-691** **39.95**

Our Finest AM/FM Tabletop Radio

39⁹⁵

Acoustically Sealed 5" Speaker Delivers Room-Filling Sound

Realistic MTA-12. A stylish tabletop performer, built for years of reliable service. It features rotary volume and tone controls, easy-to-read illuminated slide-rule dial and terminals for an external FM antenna. Walnut vinyl finish. UL listed AC. 7¹/₄ x 12¹/₄ x 4³/₈". **12-693** **39.95**

WEATHERADIO IS A REGISTERED TRADEMARK OF TANDY CORP./RADIO SHACK. OUR WEATHERADIOS OPERATE ON 162.4, 162.475 AND 162.55 MHz   97

STEREO-MATE® Personal Receivers and Radios

AM/FM STEREO-MATE Receiver With Digital Tuning

49⁹⁵ NEW FOR 89

Available Sept. 30, 1988

- **The Ultimate in Personal Stereo**
- **10-Station Memory**
- **Up/Down Scanning**

Digital-synthesized tuning locks in all stations perfectly—our most advanced personal stereo. Memory stores five FM and AM stations for instant recall. Also has up/down scan tuning with LCD "moving slide-rule" frequency display. Stereo/mono switch, separate volume and balance controls, 1/8" headphone jack and removable belt clip. 4 1/2 × 2 1/2 × 3/4". Requires 2 "AAA" batteries and headphones.
12-137 . . . . **49.95**

Sports Mate™ Headband FM Stereo

With Elastic Bands For Head and Arm

Ultralight Earphones Included

NEW FOR 89 **24⁹⁵**

Available Sept. 30, 1988

Sports fans, here's the receiver for you! This mighty midget includes a headband and an armband so you can wear it as you wish while you jog, ski, hike, workout—you name it! Includes stereo earphones, and features rotary volume and tuning controls, off/mono/stereo switch. Only 3 3/8 × 1 3/4 × 3/4" and light as a feather. Requires "AAA" battery.
12-138 . . . . **24.95**

AM/FM Stereo With Speaker

19⁹⁵

Listen to Stereo Through Headphones Or Monaural Through Speaker

Share the music. LED stereo indicator, 1 1/2" speaker, 1/8" stereo headphone jack. 4 1/4 × 2 1/2 × 3/4". Requires 2 "AAA" batteries and headphones.
12-132 . . . . **19.95**

AM/FM With 3-Band EQ

NEW FOR 89

31⁹⁵

Use the built-in equalizer to customize the sound to your liking. Built-in FM-AFC, FM stereo LED indicator. Handy belt clip. 4 1/4 × 2 3/8 × 5/8". Requires 2 "AAA" batteries and 1/8" headphones.
12-136 . . . . **31.95**

Super-Thin AM/FM Stereo

NEW FOR 89 **24⁹⁵**

- **Only 9/16" Thin**
- **Removable Belt Clip**

Fits right in your shirt pocket. Built-in FM-AFC for drift-free reception, LED stereo indicator, stereo/mono switch. 4 1/8 × 2 1/4 × 9/16". Requires 2 "AAA" batteries and 1/8" headphones.
12-135 . . . . **24.95**

Stereo Headphones

Low As
5⁹⁵

We give you a choice! See page 38 for our complete selection of lightweight headphones. Choose the ones that are just right for your personal stereo receiver.

AM/FM Stereo With Headphones

19⁹⁵

Ultra-Thin— Just 1/2"

Personal entertainment system featuring separate left/right slide-action volume/balance controls, rotary tuning control and LED FM stereo indicator. 4 × 2 1/2 × 1/2". Requires 2 "AAA" batteries. **12-123** **19.95**

Compact All-Weather AM/FM Stereo Receiver

17⁹⁵

Foul-Weather Friend Likes to Play In the Rain

Sealed with neoprene gaskets to shrug off sand, water and dust. Built-in belt clip, rotary tuning and volume controls. 3 1/2 × 2 1/8 × 1. Requires "AA" battery and 1/8" headphones. **12-134** **17.95**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Radios for Every Place, Taste & Occasion

Revolving Credit
Available
See Page 3

AM/FM STEREO-MATE Headsets

29⁹⁵　　**39⁹⁵**　　**39⁹⁵**

Fold-Up Micro FM Stereo. Enjoy hands-free listening with superb dual-speaker stereo sound. Headset easily folds to fit in your pocket or purse and weighs just slightly over two ounces with the batteries installed. Built-in FM-AFC, side-mounted rotary volume control, vernier tuning for precise station selection. Adjustable headband with comfortable earcushions. Built-in antenna—no whip to get in the way. Jack for adding external wire antenna. Requires 2 "AA" batteries. **12-129** **29.95**

AM/FM Stereo. Excellent for personal listening, it's feather light at approximately six ounces with the batteries installed. You get drift-free reception with built-in FM-AFC. Easy-to-use side-mounted rotary tuning dial, volume and balance controls. Has built-in AM loopstick antenna and FM wire loop antenna for best reception possible on all stations. Soft, foam-padded earcushions. Requires 2 "AAA" batteries. **12-125** **39.95**

Micro AM/FM Stereo. Perfect for listening to the play-by-play action at the game, working out to your favorite music station or just relaxing at home. Ultra-lightweight design—approximately two ounces with the batteries installed, yet it delivers superior full-range stereo sound. Features built-in FM-AFC for drift-free stereo reception, rotary volume and balance controls, sliding AM/FM selector. Adjustable headband comes with foam earcushions for maximum comfort. Built-in antennas, no whip to get in the way. A superb performer! Requires "AAA" battery. **12-128** **39.95**

Easy-to-Take AM/FM Stereo Portable

29⁹⁵

Big Value
In a
Mini Size

AM/FM STEREO-MATE. Twin 3" speakers for big sound. Built-in FM-AFC. LED stereo indicator. Telescoping antenna, ⅛" headphone jack, carry strap. 4 x 10½ x 1¼". Requires 4 "AA" batteries. **12-722** **29.95**
AC Adapter. UL listed. **273-1454** **7.95**
12VDC Adapter. 14-844 . . . . **6.95**

Waterbuddy™ Floating AM/FM Radio

NEW FOR 89

21⁹⁵

**Musical Pool Companion
Or Hang It in Shower**

Available Sept. 30, 1988

With our "Wateradio," you can change stations without getting out of the pool. Or, listen to your favorite music, news or traffic reports while you shower. Rotary tuning and on/off/volume controls, carrying strap. 8" diameter. Requires 4 "AA" batteries. **12-204** **21.95**

AM/FM LCD Clock Travel Radio

NEW FOR 89　**19⁹⁵**

■ **Perfect Backup for Wakeup Service**
■ **Battery Powered**

Available Oct. 30, 1988

It's the clock radio that packs just like your hair dryer and shaving kit. Rotary tuning and on/off/volume control. On/off alarm switch, telescoping antenna. 1⅛ x 5¼ x 3". With collapsible stand, carrying pouch and strap. Requires 3 "AAA" batteries. **12-1571** **19.95**

Water-Resistant AM/FM Wall Radio

**Molded
Water-Resistant
Housing**　**14⁹⁵**

Hang it anywhere you want to enjoy your favorite music—outside or inside, pool side or on patio. Wide-range 2¼" speaker. Rotary tuning and volume controls. 5 x 5¼ x 1¾". With wall mount. Requires 4 "AA" batteries. **12-784** **14.95**

Compact AM/FM Stereo Portable

NEW FOR 89

24⁹⁵

**Our Lowest Priced
Stereo Portable**

Available Sept. 30, 1988

AM/FM STEREO-MATE. A "cool" radio for preteens! Has two 2½" full-range speakers, LED stereo indicator, swivel antenna, slide-action volume and tone controls, ⅛" stereo headphone jack. Detachable shoulder strap. 3⅞ x 11⁵⁄₁₆ x 1⅝". Requires 4 "AA" batteries. **12-723** **24.95**
AC Adapter. UL listed. **273-1454** **7.95**

SEE PAGE 60 FOR A COMPLETE SELECTION OF AC AND DC POWER ADAPTERS　　99

Portable Radios for On-the-Go Entertainment

High-Performance AM/FM Portable

39⁹⁵

- Wide-Range Sound
- Tone Control
- Switchable AFC Control

FM-AFC can be switched "out" to receive weak stations adjacent to strong ones. Has 4" speaker, slide-rule tuning dial, fold-down carrying handle, telescoping antenna and an earphone jack. 7½ × 10½ × 2⅞". UL listed AC (or 4 "C" batteries, extra). **12-625** **39.95**

Police, Air Shortwave FM, AM

99⁹⁵

Low As $15 Per Month ★

VHF-Hi, VHF-Lo, UHF, 6-18 MHz Shortwave, Standard FM and AM

Patrolman® SW-60. Tunes local stations, police, aircraft, VHF weather, foreign stations. All-band fine-tuning, AC-to-battery auto-switching, squelch control. 4" speaker, ¼" headphone jack. 10½ × 12 × 4". UL listed AC (or 4 "C" batteries, extra). **12-779** **99.95**

Full-Sized AM/FM, Budget Price

24⁹⁵ Excellent Sound Quality

Features high/low tone switch, FM-AFC to prevent drift, and rich-sounding 3" speaker. Earphone included. 7³⁄₁₆ × 8⅞ × 2½". UL listed AC (or 4 "C" batteries, extra). **12-716** **24.95**

TV-Sound Portable With FM and AM

39⁹⁵ Plays on AC or Battery Power

PortaVision®-40. Hear your favorite TV shows on VHF-TV channels 2-13 and FM or AM, anywhere. Full-range 4" speaker plus earphone. 8⅛ × 10½ × 3". UL listed AC (or 4 "C" batteries, extra). **12-648** **39.95**

AM/FM All-Weather IC Portable

19⁹⁵

Water and Sand Resistant

Really tough! Reliable integrated circuit, rotary tuning and volume controls. Built-in antennas—no "whip" to break. 3¾ × 5¼ × 1½". Requires 4 "AA" batteries. **12-783** **19.95**

TV-Sound Pocket Radio

29⁹⁵ Tunes VHF-TV Channels 2-13 Plus Standard AM and FM

Pocket PortaVision. Keep up with TV news, sports or soaps wherever you go. 2¼" speaker, plus earphone for personal listening. 6 × 3½ × 1¾". Requires 9V battery or AC adapter. **12-613** **29.95**
AC Adapter. UL listed. **273-1455** **7.95**

The Best in AM/FM Pocket Portable Radios

19⁹⁵

- Our Finest
- High/Low Tone Switch

Features FM-AFC, 2¼" speaker, earphone, telescoping FM antenna. 5¼ × 3 × 1½". Requires 9V battery. **12-719** **19.95**

15⁹⁵

Single IC Chip for Small Size With High Reliability

FM-AFC, 2¼" speaker, earphone, telescoping antenna. 5⁵⁄₁₆ × 2¹⁵⁄₁₆ × 1¼". Requires 9V battery. **12-718** **15.95**

AM/VHF-Air Pocket Radio
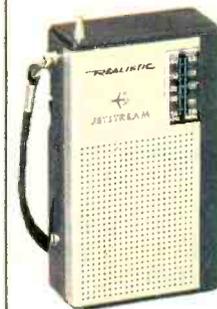
19⁹⁵

Take Along to Air Shows

Jetstream®. Hear pilots talking to towers, other planes on the 108-135 MHz band, plus AM. 2½" speaker, earphone. 4¾ × 2⅞ × 1⅝". Requires 9V battery. **12-601** **19.95**

Unique Musical Friends for Youngsters

AM/FM Bike Radio

24⁹⁵ NEW FOR 89 **Pushbutton Electronic Horn**

Archer Road Patrol®. Mounts on most handlebars yet removes easily for portable use. Has 3" safety reflector, 2½" speaker. 3½ × 5¼ × 3⅞". Requires 3 "C" batteries.
12-200 .... **24.95**

AM Bike Radio With Horn

3" Safety Reflector **19⁹⁵**

Archer Road Patrol AM. As above, but with AM band only. 12-197 .... **19.95**

Childrens' Sing-Along Phono

29⁹⁵ **Plays 33⅓ And 45-RPM Records**

"Strawberry" Hand Microphone

Kids can use the mike to accompany their recordings. Monaural phono has built-in speaker, volume control, folding case. 3¼ × 11 × 9". UL listed AC.
13-1123 .... **29.95**

The Famous Mickey Mouse© Radio

8⁹⁵ NEW FOR 89

Kids Love to Take Him Along Wherever They Go!

Rotate Mickey's "ears" to tune AM stations and adjust volume. Includes handy carrying strap and belt clip. Requires 9V battery. 12-909 ...... **8.95**

©Walt Disney Productions

Try Our Delicious Flavoradios®

Cheerful and Colorful **6⁹⁵ Each**

- Three "Tasteful" Flavors
- Sturdy Molded Cases
- Handy Carrying Strap

Kids love these colorful pocket AM radios. Side-mounted rotary volume and tuning controls are easy to use. Built-in speaker, earphone. Each requires 9V battery. 4⅛ × 2⅝ × 1¼". **Blackberry, 12-201. Blueberry, 12-202. Strawberry, 12-203** .... **Each 6.95**

Mickey's Armchair Radio

12⁹⁵ NEW FOR 89

- Lovable Musical Mickey Mouse
- "Chair" the Music With Friends

Unique musical armchair kids are sure to adore. Tune AM stations and adjust volume with controls under the chair. 5" high. Requires 9V battery. 12-910 .... **12.95**

©Walt Disney Productions

Mini Personal Portable Receiver

9⁹⁵ **Includes Headphones**

- Personal Listening
- Choice of Yellow or Black

AM receiver fits in shirt pocket or clips to belt. Side-mounted rotary tuning and volume control for one-hand operation. Feathery light headphones. Requires 9V battery. 12-106 .... **9.95**

Three Soft, Loving "Pet" Radios

Low As 14⁹⁵ NEW FOR 89

Cuddly "Friends" With Built-In Radios

(1) **AM Raccoon.** Delightful masked playmate. 10" long. 12-971 .. **14.95**
(2) **AM/FM Fluffy Cat.** "Purrfect" pet. 10" tall. 12-994 .... **21.95**
(3) **AM Sad Puppy.** Huggable companion. 10" long. 12-988 ..... **16.95**
Each requires 9V battery.

2-Band AM/FM Flavoradios

11⁹⁵ Each **Twice the Listening Pleasure**

- Stylish Tapered Design
- Built-In AFC-FM

These dual-band Flavoradios double listening pleasure with both AM and static-free FM. Feature 2¼" speaker and telescoping antenna. 4 × 3 × 1⁷⁄₁₆". With earphone. Each requires 9V battery. **Strawberry, 12-720. Blueberry, 12-721** .... **Each 11.95**

High-Performance TVs—Quality You Can See

20" Color TV Monitor With Stereo & Remote

NEW FOR 89

499⁹⁵

Low As $25 Per Month★

Tandy Service Plan Available

- Flat, Square Screen Lets You See the Entire Picture
- Built-in Stereo Amp and Speakers ■ On-Screen Display

Radio Shack Hi-Resolution TC-1002. Tinted for better contrast. Comb filter provides excellent color picture. Receives MTS Stereo and SAP broadcasts. 21-key remote controls all major functions. The 139-channel PLL tuner has an "offset" control for compatibility with nearly all cable-TV systems. Sleep timer. Video/audio inputs/outputs. 19 x 25¼ x 18½". UL listed AC. Remote requires 2 "AAA" batteries. **16-252** **499.95**

19" Color TV/Monitor With Remote

399⁹⁵

Low As $20 Per Month★

TSP Available

- High-Contrast Screen
- Auto Fine-Tuning
- Remote Timer Turns Set Off Automatically
- Audio and Video Inputs and Outputs
- 110-Channel PLL Tuner Compatible With Most Cable Systems

Radio Shack TC-1010. Use the 20-key remote to adjust and mute volume, switch between TV and aux source, tune channels directly, scan channels and "flashback" to your previous channel—all from the comfort of your chair. 18⅛ x 19⅝ x 18¼". UL listed AC. Remote requires 2 "AAA" batteries. **16-260** **399.95**

Remote-Control 13" Color TV

299⁹⁵

Low As $15 Per Month★

TSP Available

- 110-Channel PLL Quartz Cable-Compatible Tuner
- 22-Key Full Function IR Remote Control

Radio Shack TC-171. High-contrast screen for exceptional quality picture and reduced room lighting reflection. Remote has scan memory programming, sleep timer and "flashback." With VHF and UHF indoor antennas. TV/CATV and "offset" controls. 12¾ x 14⅛ x 14⅝". UL listed AC. Remote requires 2 "AAA" batteries. **16-233** **299.95**

Value-Packed Portable 13" Color TV

249⁹⁵

Low As $15 Per Month★

TSP Available

- High-Contrast Screen For Excellent Clarity
- One-Touch Automatic Fine-Tuning Prevents Station Drift

Our lowest priced 13" color TV is the perfect set for the bedroom or any room where you want extra versatility and convenience. Features rapid-on picture and anti-reflection screen. Picture, tint, color and brightness controls. Includes VHF and UHF indoor antennas. 13 x 18 x 14¼". UL listed AC. **16-238** **249.95**
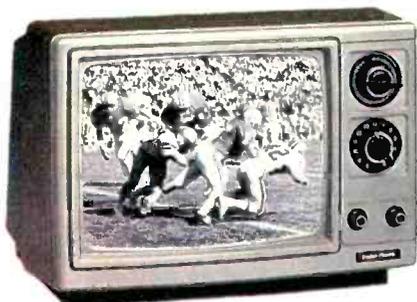
9" B&W TV for Home or Vehicle

99⁹⁵

Low As $15 Per Month★

TSP Available

- Plays on AC or 12VDC
- Built-In 2½" Speaker

Just right for bedroom, kitchen or den! DC power cord also makes it neat for entertaining kids in the car. Rotary tuning and volume controls. Contrast, vertical and horizontal-hold controls. Carrying handle. 8³⁄₁₆ x 12⁵⁄₁₆ x 9⁵⁄₈". UL listed AC or 12VDC neg. gnd. **16-241** **99.95**

9" Color for Home or RV

299⁹⁵ **NEW FOR 89**

Low As $15 Per Month★

TSP Available

- Plays on AC or 12VDC
- Presets for 12 Channels

Delivers detailed color pictures at home or away. Reliable 82-channel electronic tuner and rotary controls for volume, brightness and contrast. Built-in sun screen and auto fine-tuning. Telescoping antenna. 10⁵⁄₈ x 11³⁄₁₆ x 10⁵⁄₈". UL listed AC or 12VDC neg. gnd. **16-242** **299.95**

102   SCREEN SIZES MEASURED DIAGONALLY—SIMULATED RECEPTION

Take Along a Radio Shack Portable TV

4" B&W Portable With Swivel Stand

NEW FOR 89

129⁹⁵

Low As $15 Per Month ★
TSP Available

Plays on AC, 12VDC or Batteries

Has built-in sun shade and swivel stand for easy screen positioning. Rotary volume and tuning controls. Telescoping antenna. Jacks for earphone, external antenna. With earphone, carry case. 6⁵/₈ × 4⁷/₁₆ × 3⁵/₈". UL listed AC or 12VDC neg. gnd. (or 5 "C" batteries, extra). 16-118 . . . . 129.95

5" Color TV/Monitor With 3-Way Power

- Batteries
- Home AC
- Car DC
- Audio/Video Input Jacks

319⁹⁵

Low As $16 Per Month ★

TSP Available

Enjoy a clear, vivid picture on this take-anywhere TV. With jacks for use as a home or portable monitor. Includes whip antenna and earphone jack. 5¹/₁₆ × 6¹¹/₁₆ × 10⁵/₈". UL listed AC adapter, 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-108 . . . . 319.95

Breakthrough! 2" Color TV With Direct-View LCD Screen

NEW FOR 89

199⁹⁵ Low As $15 Per Month ★

TSP Available

- Fits Easily in Your Hand
- Digital-Synthesized Tuning With Up/Down Auto-Search System
- Built-In Backlight Hood For Clear Viewing In Low Light Areas

Realistic PocketVision™-22. The latest in state-of-the-art portable color television! Its advanced micro-thin design, 2" direct-view liquid crystal screen and 100% solid-state circuitry mean you get bright, clear color whenever and wherever you want! Precise digital-electronic tuning with one-touch auto-search gives you 69 channels of drift-free VHF/UHF reception. Auto-search tunes in the next available station, automatically skipping over weaker channels. Rapid-on picture and easy-to-operate volume, brightness, tint and color controls. Accessories include a soft leatherette carry case and AC adapter. With telescoping swivel rod antenna. Jacks for earphone, external antenna. 5¹/₈ × 3¹/₄ × 1¹/₄". UL listed AC adapter (or 4 "AA" batteries or DC adapter extra). 16-159 . . . . 199.95

5" B&W TV With 3-Way Power

99⁹⁵

Low As $15 Per Month ★
TSP Available

Plays on AC, 12VDC Or Batteries

Features slide-action controls for volume, brightness and contrast, 3" speaker, ¹/₈" headphone jack. 4¹/₂ × 7³/₄ × 10¹/₄". UL listed AC adapter, 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-114 . . . . 99.95

Under-Counter 4¹/₂" B&W TV

89⁹⁵ NEW FOR 89

TSP Available

Reduces Counter Clutter For More Work Space

Perfect for kitchen or workshop! With swivel mount bracket for easy installation. Telescoping antenna. With earphone. 5 × 5³/₄ × 6³/₄". UL listed AC adapter (or 10 "C" batteries or DC adapter, extra). 16-117 . . . . 89.95

5" B&W TV With AM/FM/FM Stereo

119⁹⁵ TSP Available

Low As $15 Per Month ★

Just Add Headphones To Enjoy FM Stereo

Enjoy TV shows plus radio entertainment. Three-way power, monaural 3¹/₂" speaker and ¹/₈" stereo headphone jack. 5³/₁₆ × 9 × 10⁵/₈". UL listed AC or 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-113 . . . . 119.95

Mobile Dipole TV Antenna

29⁹⁵ Outperforms Built-In Portable TV Antennas

Enjoy improved reception of VHF and UHF channels while traveling. Loaded fiberglass elements provide best reception from all directions. Includes mounting hardware and complete instructions for easy, do-it-yourself installation.

Mounts on Gutter Or Window

15-1609 . . . . 29.95

Indoor Antennas to Sharpen Your TV and FM

Amplified FM Stereo Antenna

29⁹⁵

Boosts Signal Up to 6 dB

Connect to your receiver for dramatically improved FM stereo reception. Fine tuning helps bring in hard-to-get stations. Hi/lo gain switch, LED power-on indicator. Includes matching transformer for connection to 300-ohm terminals. UL listed AC.
15-1821 .... **29.95**

Amplified VHF/UHF And FM Antenna

44⁹⁵

Up to 12 dB Amplification

Color Supreme V. Our best indoor TV antenna. "Cleans up" TV and FM stereo signals. Features 12-position fine-tuning and rotary antenna knob for best reception. Loop with deflector/reflector optimizes load. Has a normal/boost switch to prevent signal overload. UL listed AC.
15-1830 .... **44.95**

VHF/UHF/FM With Phasing Control

29⁹⁵

Excellent for "Problem" Areas

Color Supreme III. Helps eliminate ghosts and snow, even in problem areas. Phasing control sharpens VHF picture. Has 12-position fine-tuning control and dial to rotate UHF and VHF elements for clear pictures. **15-1824** **29.95**

VHF/UHF/FM With Rotating Elements

24⁹⁵

12-Position Fine-Tuning

Color Supreme II. Pulls in better color and black and white than built-ins. UHF control (for channels 14-83) lets you rotate the antenna element for best signal, without moving antenna base. Improves FM reception.
15-1816 .... **24.95**

TV/FM Antenna

19⁹⁵

Phasing Switch Cuts "Snow"

Color Eagle II. VHF/UHF/FM with satin brass VHF dipoles and dual UHF loops.
15-1809 .... **19.95**

VHF/UHF Indoor

15⁹⁵

Sharpens Color And B&W Picture

Color Eagle. Phasing switch. Four section VHF dipoles and dual UHF loops. **15-1810** **15.95**

Deluxe VHF/UHF

10⁹⁵

Multi Position Fine Tuning

Greatly improves color and black-and-white TV reception. Easy to install.
15-1818 .... **10.95**

Budget VHF/UHF

8⁹⁵

With Fine Tuning Control

Sharpen your reception at a low cost. Telescoping stainless steel dipoles. UHF loop. **15-628** ... **8.95**

Antenna Values
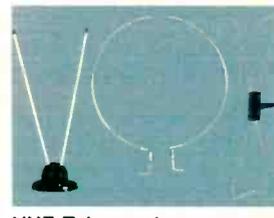
VHF Telescoping.
15-958 .... **3.99**
UHF Loop. **15-233** ... **1.19**
UHF Bow Tie.
15-234 .... **2.19**

UHF Bow Tie

12⁹⁵

Twin Gold Colored Elements

Better reception of channels 14 to 83. Fits upright on TV set. No-mar vinyl feet.
15-623 .... **12.95**

Back-of-Set VHF

6⁹⁵

Easy to Install

Mounts out-of-sight behind TV. Better reception on channels 2 through 13. Adjustable telescoping dipoles.
15-1804 . **6.95**

FM Antenna

12⁹⁵

Enhances FM Stereo

Stereo Supreme. Cuts FM drift and noise, pulls in weak stations. Fine-tuning control. **15-1822** ... **12.95**

Indoor VHF/UHF Antenna Amplifier With 10 dB Gain

NEW FOR 89 **19⁹⁵**

Instantly Converts Any Indoor TV/FM Antenna to an Amplified Antenna

Dramatically improves station pulling power. Connects to back of TV set with simple screwdriver hookup. Separate VHF and UHF input/output leads. LED "on" indicator. UL listed AC. **15-1104** **19.95**

104

Complete Stereo Satellite TV System

* Revolving Credit Available
See Page 3

This Satellite System is Sold Out. Watch for Our New '89 Model Coming 12/31/88.

1995⁰⁰   Low As $100 Per Month *

- Built-In Stereo Decoders With Auto-Format Selection
- Block Downconversion Lets You Add More Receivers And Watch Different Programs on Your Other TV Sets
- Automatic Dish Positioning ■ Preprogrammed Receiver
- Dish Assembles With Ordinary Tools ■ Parental "Lock"

32-Key Wireless Remote

BIG 8½-FOOT DISH OFFERS ALL THIS!

- Horizon-to-Horizon Motorized Mount
- Wire-Mesh Design to Cut Wind Loading
- Rotatable Hub for Ground-Level Assembly

Easy-to-Level Base   Advanced 80° LNB   125-Ft. Plug-in Cable

Precision Gear Drive   Hi-Efficiency Feedhorn   Weatherized Housing

Realistic®-2500 Home Satellite TV System. Our user-installable system brings you the widest possible choice in TV programming—up to 150 channels available. Enjoy movies and music videos with stereo sound, the ultimate in sports and news coverage, superstations, plus unedited regular programming and many special services. Receiver is preprogrammed for exisitng satellite channels and has extra memory for adding new channels. Has DNR¹ Dynamic Noise Reduction for superb sound quality, and controls that enable you to tune in subcarrier FM stereo services. Easy to use—just select desired channel at the receiver or with the wireless remote. The built-in computer does the rest! The complete system is designed for do-it-yourself installation—we even include a "How-To" video tape. The included 125-foot lead-in cable is direct-buriable and has plug-in connectors for errorproof hookup. Compatible with all standard descramblers. Includes mast with built-in level and all required hardware, cables and instructions. All components UL listed for electrical safety. Descrambler not included.

Complete 8½-Foot Dish System 1995.00

Some very limited quantities of these components are available separately for upgrading existing satellite systems.

Realistic SR-2010 HSTV Receiver. 16-2501 .... 599.95
8½-Foot Dish Antenna. 16-2502 .... 1299.95
80°LNB. 16-2503 .... 229.95   HSTV Feedhorn. 16-2504 ... 99.95

These components are available on special order through your local Radio Shack store: Ku Band LNB, Dual C/Ku Band Feedhorn, Dual H/V Feedhorn, and 50 or 100-foot cable extensions.

Automatic Dual LNB Switch

For "Dual-Feed" Systems With Multiple Receivers   **49⁹⁵**

Use with block downconversion and multiple receivers to let each receiver independently select from all available channels on each satellite. Selection of satellites remains at main receiver. 1¹¹/₁₆ × 4⁵/₈ × 3⁹/₁₆". UL listed AC.
15-2001 .... 49.95

Inline Coax Amplifier

29⁹⁵

20 dB Boost Cuts Signal Loss From Splitters and Long Cable Runs

Boosts signals in the 430-1430 MHz band—specially made for use in satellite TV systems or UHF-TV and scanner radios. "Bullet" amp installs inline or near antenna. Place power injector where convenient. With DC-block module and instructions. 75-ohm connectors. UL listed AC. 15-1115 .... 29.95

Satellite Dish Security Alarm

29⁹⁵

- Alerts You if Lead-in Cable is Cut
- Battery Backup if AC Fails

Loud built-in buzzer gives immediate warning if cable to your dish antenna is cut or disconnected. Use as a stand-alone alarm or connect to a home security panel. Compatible with all satellite TV systems. Connects indoors at receiver. 1¹⁵/₁₆ × 6¹¹/₁₆ × 3⁷/₈". UL listed AC. Requires 9V backup battery. 49-441 .... 29.95

SPREAD OUT YOUR PAYMENTS—APPLY FOR YOUR OWN RADIO SHACK VALUEPLUS CREDIT CARD TODAY   105

Television Antennas for All Reception Areas

ARCHER HIGH-DEFINITION/STEREO-CERTIFIED

Color Supreme Plus

THREE ANTENNAS IN ONE! ■ VHF ■ UHF ■ FM

VU-160
69⁹⁷

VU-120
56⁹⁷

NEW FOR 89
VU-210
119⁹⁷
Low As $15 Per Month∗

VU-190
89⁹⁷

VU-60
17⁹⁷

VU-110
43⁹⁷

VU-90
35⁹⁷

VU-75
26⁹⁷

$3⁹⁹ Value
Signal Splitter Included! Separates VHF-UHF-FM Outputs—Only One Downlead Required!
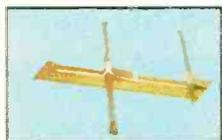
High Tensile-Strength Aluminum for Long Life

UHF Yagi and Corner Reflector Combination

Strong Square Boom With "No-Tilt" Clamp
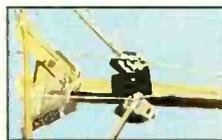
Snap-Open Elements For Easy Installation
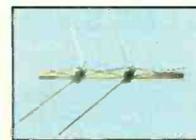
Air-Insulated Multiple Drive System
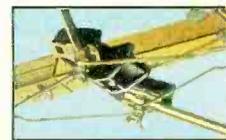
Heavy-Duty, High-Impact Molded Insulators

■ 60° "Swept-Design" VHF Elements Aid Signal Pickup/Transfer
■ Gold-Alodized Finish Fights Corrosion and Weathering
■ Withstands Strong Winds and Icing Conditions
■ Fully Preassembled—Easy to Install It Yourself and Save

Replace your worn-out antenna with one of our dynamic High-Definition/Stereo-Certified Color Supreme Plus antennas. High-Definition means you get performance that matches the improved picture resolution of the newer TVs now available. Stereo-Certified means you will get the best possible sound from all the TV stations now broadcasting in stereo and the many more to come. Of course, you'll also get superior FM stereo reception. Wide-swept elements capture maximum signal (channels 2-83) in any reception area.

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
VU-60	60	40	40	40"	13	15-1640

*ESTIMATED RANGES. BASED ON RECEPTION OVER FLAT AND OPEN TERRAIN / MASTS NOT INCLUDED

Super Values in TV and FM Antennas

Especially Engineered for UHF-TV

- Gold-Alodized Protective Finish
- Preassembled—Simply Snap Open

U-120 Corner Yagi—Up to 120 Miles*. Has 33 elements, 100" square boom. 60° "Swept-Wing" reflectors focus signal. **15-1662** **34.95**

U-100 Corner Yagi—Up to 100 Miles*. 25 elements, 80" boom. "Swept-Wing" design. **15-1661** **23.95**

U-75 Corner Yagi—Up to 75 Miles*. 16 elements, 40" boom. "Swept-Wing" design. **15-1660** **16.95**

Multi-Bay—Up to 70 Miles*. Boom is 30" long. Preassembled. **15-1627** **11.95**

U-120 **34⁹⁵**
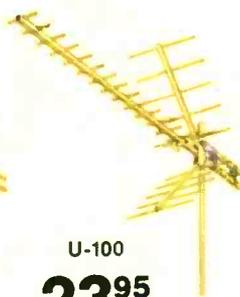
U-100 **23⁹⁵**
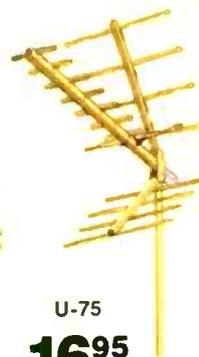
U-75 **16⁹⁵**
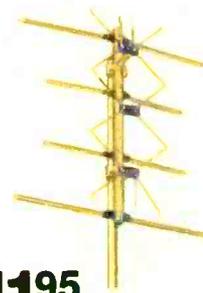
11⁹⁵

For the Finest VHF-TV and FM Reception

Tuned for VHF-TV and FM only, these antennas offer outstanding reception and value! The air-insulated, multiple-drive system and 60° "Swept-Wing" design dramatically improve signal pickup. Preassembled with snap-open elements.
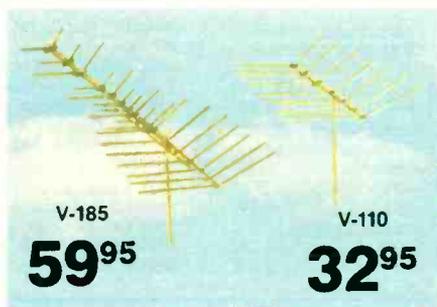
V-185 **59⁹⁵**

V-110 **32⁹⁵**

Archer Model	Range in Miles*		Boom Length	No. of Elements	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-110	110	80	80"	14	15-1652

Archer Antennas for the Best in FM Stereo

Dramatically Boost Your FM Receiver's Signal-to-Noise Ratio

16⁹⁵

Triple-Drive 6-Element Directional—Up to 110 Miles*. High gain picks up distant stations clearly. Gold-alodized finish for long life. **15-1636** .. **16.95**

Omnidirectional Attic/Outdoor—Up to 50 Miles*. Gold-alodized finish. **15-1639** **11.95**
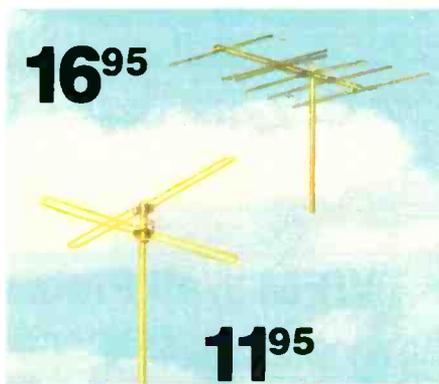
11⁹⁵

Aim Your Antenna With an Archerotor® To Capture the Best Picture and Sound

Pick Up Broadcasts From Out of Town

59⁹⁵

Ideal for problem reception areas! Remote control precision aims your antenna for the strongest, clearest signal from every station within range. Minimizes ghosts and interference. Fits 1¼ to 1¾" dia. masts. UL listed AC. Requires 3-conductor cable below. **15-1225** **59.95**

Rugged Weathersealed Housing for Extra-Long Life

Rotate Your Antenna In Any Direction— Aim for the Best Signal From Each Station

Rotator Cable

No. of Cond.	Feet	Cat. No.	Per Roll
3	50	15-1149	4.95
3	100	15-1150	7.95
5	100	15-1201	11.95

Amplified TV/FM Antenna for Home/Travel

54⁹⁵

Compact! Ideal for Attic, RV, Van or Even Rooftop

Get crystal clear TV even in difficult reception areas! Built-in preamp helps clean up weak signals and snow by boosting UHF gain up to 25 dB and VHF up to 20 dB. Pulls in stations up to 90 miles away*. With VHF/UHF signal splitter. UL listed AC (or DC adapter, extra). **15-1611** **54.95**
DC Adapter. 270-1534 .... **5.49**

Mobile VHF/UHF Antenna

29⁹⁵

Now Includes Window-Mounting Bracket

Enjoy your favorite TV shows while traveling. Heavy-duty, loaded fiber glass dipoles. For channels 2-83. With gutter mount.
15-1609 .... **29.95**

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT AND OPEN TERRAIN / MASTS NOT INCLUDED

107

Our Picture-Improving Antenna Accessories
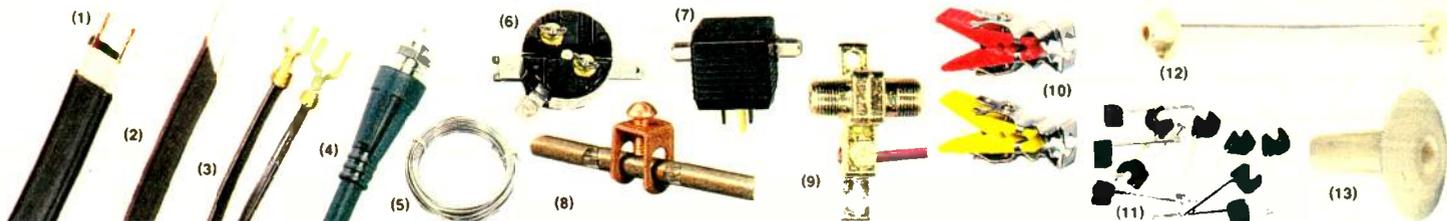
(1) VHF/UHF 300-Ohm Foam Cable. Our best! Excellent for all weak-signal and "problem" reception areas, and for those who want superior performance. Has 20-gauge copper and dense polyethylene jacket.
50-Foot. **15-1174** **4.95**
100-Foot. **15-1175** **8.95**

(2) Low-Cost VHF-UHF Twin-Lead. For TV or FM. Four-mil, 24-gauge. For indoor/attic use.
40-Foot. **Brown Twin Lead, 15-004** **2.19**
40-Foot. **Clear Twin Lead, 15-1158** **1.99**
50-Foot. **Standard Twin-Lead.** Seven-strand, 22 gauge. For indoor use. **15-1153** **3.29**

(3) 8-Foot Twin-Lead Cable. Dual spade lugs attach easily from splitter to VCR or stereo. 300 ohms.
15-1532 . . . . **2.19**

(4) Shielded VHF-UHF Foam Coax Cable Assemblies. Low-loss with interference-rejecting shielding. Use with 75-ohm to 300-ohm matching transformers. F-56 connectors.
50-Foot. **15-1526** **8.95**
100-Foot. **15-1527** **14.95**

(5) Aluminum Ground Wire. Low-cost protection against static build-up. A must for all rooftop antenna installations. You get 40 feet of 8-gauge wire. Use with ground rod (Fig. 8, below). **15-035** **3.19**

(6) Antenna Discharge Unit. Protects against static build-up. For TV and FM rooftop antennas. Solderless connection. 300 ohms. With mounting hardware. UL listed. **15-910** **3.49**

(7) Coax Spike Protector. Gas-discharge tube protects TV/FM and video equipment against static build-up and fast voltage surges in 75-ohm coax cable. Plugs into grounded 3-prong AC outlet, uses the ground lug. Fuse protected. **15-908** **9.95**

(8) Ground Rod. Provides low-resistance path to ground for static electricity that builds up. Necessary protection for all TV and FM rooftop antenna installations. Copper-plated for maximum conductivity.
15-530 . . . . **3.79**

(9) Grounding Block. Prevents static build-up in 75-ohm TV or FM antenna downleads. Handy hookup terminal. **15-909** **2.39**

(10) TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm downlead at back of set. Insulating plastic handles, screw terminals. Excellent for temporary connections or service work. **15-832** . . . . **Set of 2/1.19**

(11) Ten Coax Nail Clips. A low-cost way to get a neat, professional installation. Insulated nails have weather-resistant clips to secure 75-ohm RG59 coaxial cable. Handy for fastening coax along baseboards. **20-192** . . . . **89¢**

(12) "Wall-Thru" Lead-In Tube. Makes it easy to run TV/FM stereo or cable downleads through walls up to 13" thick. Special grommet seals out moisture and weather. One of the handiest installation aids available. —install it the professional way with the Wall-Thru. **15-1200** **2.29**

(13) Coax Feed-Through Bushing. For a neat, professional-looking installation every time. Protects your cables.
RG59U. **278-1643** . . . . **Pkg. 2/49¢**
RG6U. **278-1644** . . . . **Pkg. 2/49¢**

TV/FM Wall Plates, Plugs, Power Cords, Connectors and More
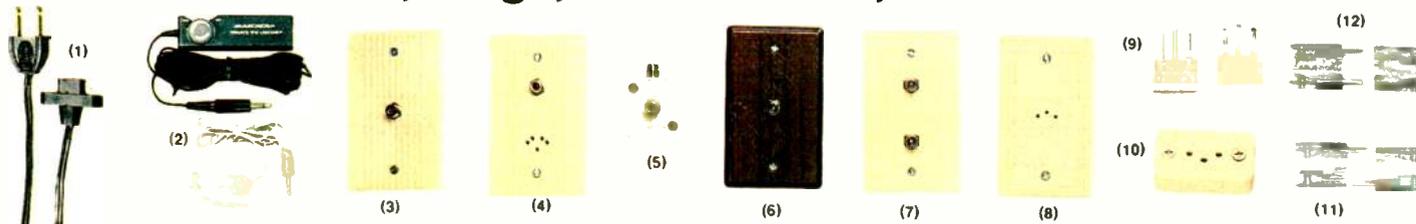
(1) TV Power Cord. Standard 6-foot AC cord. 18-gauge, 2-conductor. **15-011** **1.29**
Polarized Power Cord. 15-012 . . . . **1.29**

(2) Private TV Listener. Remote volume control with earphone. Has 15-foot cord. 1/8" plug and jack.
15-587 . . . . **3.95**

(3) Wall Plate for 75-ohm Coax. 15-1180 . . . **3.95**

(4) Wall Plate for 75-Ohm Coax and 5-Wire Rotor. With plugs, hardware. **15-1181** **4.95**

(5) Baseboard Mount for 75-Ohm Coax. Includes mounting hardware. **15-1182** **2.99**

(6) Woodgrain Wall Plate for 75-Ohm Coax. Includes mounting hardware. **15-1183** **3.99**

(7) Wall Plate for Dual 75-Ohm Coax Cables.
15-1184 . . . . **3.99**

(8) Flush-Mount TV Wall Plate. For one 300-ohm lead. With bracket, plugs. **15-1186** **2.19**
Surface-Mount. 15-1189 . . . . **1.99**

(9) TV/Wall Receptacle Plugs. Mate with all surface or flush sockets. **15-1178** . . . . **Set of 2/1.29**

(10) Surface-Mount Universal Socket With Mating Plug. 300 ohms. 7/8 x 1-3/4 x 9/16". **15-1192** **1.19**

(11) Polarized TV/FM Connectors. Prevent polarity reversal when splicing. 300 ohm lead-ins. Just tighten screws to connect leads. **15-1199** **1.19**

(12) TV/FM Plug and Socket Set. 300-ohms.
15-1198 . . . . **1.19**

Switches for Computer and TV Video Games

Low As 3.99
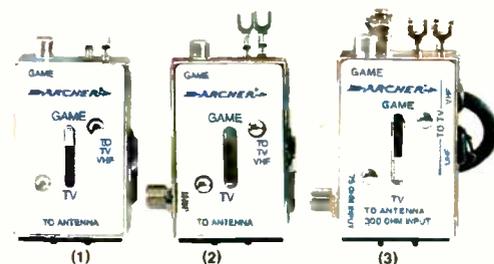
(1) 300-Ohm TV Switch. Permits using video games/computers with your TV without reconnecting. For 300-ohm antenna line/TV input. **15-1255** **3.99**

(2) 300/75-Ohm Antenna Input Switch. Has 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. **15-1269** **3.99**

(3) 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. **15-1268** **5.95**

Splitters and Couplers to Add Sets or Combine Leads

(1) Two-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. **15-1501** . . **2.49**
Four-Set Indoor Coupler. 15-1502 . . . . **2.95**

(2) Two-Set Indoor/Outdoor Coupler. Two antennas to 300-ohm downlead. **15-1135** **3.99**
Four-Set Indoor/Outdoor Coupler. Combines four antenna outputs for one 300-ohm download.
15-1136 . . . . **4.99**

Indoor/Outdoor UHF/VHF Combiner/Splitter. Combines the outputs of a UHF and VHF antenna into one download. Also splits a single download into UHF/VHF outputs indoors. 300 ohms. **15-1137** . **3.99**

**(3) Indoor Splitter.** Splits UHF/VHF/FM outputs from one 300-ohm download. **15-1138** **3.99**
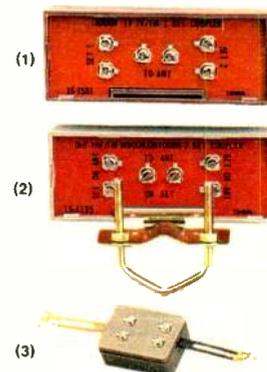
Radio Shack® Has All Your Antenna Needs

Revolving Credit
Available
See Page 3

## Chimney and Roof Mast Mounts

(1)   (2)   (3)   (4)   (5)
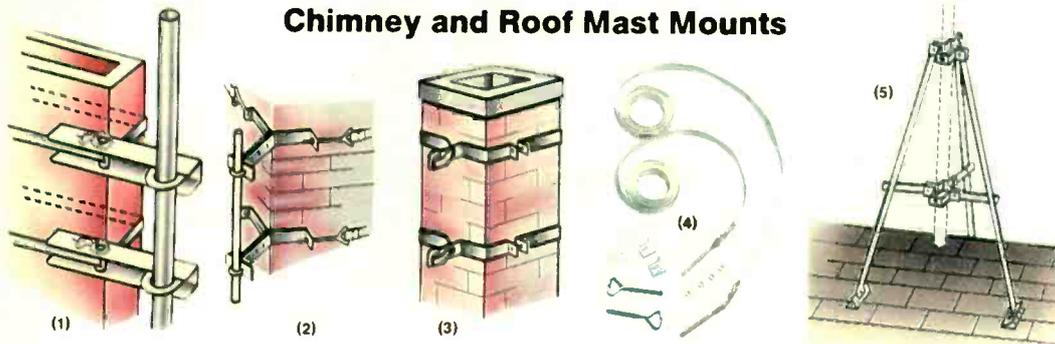
(1) Chimney Ratchet Mount. Two stainless steel straps, each ¾" × 18 foot. For all masts with 1" to 1¾" diameter. With instructions.
15-839 . . . . 12.95

(2) Corner Mounts. Two Y-mounts with ⅝" × 10 foot, rust-resistant galvanized strips. 15-527 . . . . 9.95

(3) Chimney "Z" Mounts. Secures mast to chimney. Set of two, each with ⅝" × 10-foot galvanized steel strap. Rust resistant. With instructions.
15-476 . . . . 8.95

(4) Strap Kit. Two 25-foot stainless steel straps for replacement or add-on use. 15-801 . . . . 10.95

(5) 3-Foot Tripod Mount. Recommended for all areas having frequent, strong winds. Fits slope of most roofs. Fully preassembled and built to last. Accepts mast up to 1¾" diameter.
15-516 . . . . 15.95
5-Foot Heavy-Duty Tripod Mount.
15-517 . . . . 24.95

Heavy-Duty Masts

16-Gauge Steel With Golden Enamel Finish

Swaged end for tight lock on tubing to be joined. 1¼" diameter.
5-Foot Mast. 15-842 . . . . 4.95
10-Foot Mast. 15-843 . . . . 9.95

Light-Duty Mast

5-Foot. 20-gauge steel with golden enamel finish to help resist corrosion. For attic or smaller antennas. 15-844 . . . . 4.49

Mast Mounts for Roof, Vent Pipe and Wall

(1)   (2)   (3)   (4)   (5)   (6)   (7)

(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 for a pro-quality installation. With instructions.
15-889 . . . . 5.95

(2) Vent Pipe Mount. An 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 all mounting hardware and instructions.
15-893 . . . . 5.49

(3) Mast Anchor Universal Mount. For up to 1½" diameter masts. The solution for countless antenna installations. Must be guyed for roof and window mounts. 15-888 . . . . 2.29

(4) 12" Wall Mounts. Secures masts up to 1½" diameter. Holds mast 12" out from wall to clear eave or other obstructions. Rust resistant.
15-885 . . . . Pair 9.99

(5) 4" Wall Mounts. Secures TV mast 4" out from side of house.
15-883 . . . . Pair 3.99

(6) Eave Mount for Hanging Rafters or Trim Boards. Install your antenna without drilling through brick or masonry! Ingenious alternative to roof and chimney mounting. Fits virtually all medium-pitched roofs. For masts of up to 1½" diameter. Installs with only four lag bolts (included). 15-891 . . . . 8.99

(7) 8" Wall Mounts. Designed to hold TV or FM antenna masts of up to 2½" diameter eight inches out from the wall. Galvanized steel resists rusting for years and years.
15-886 . . . . Pair 8.99

Telescoping Antenna Masts

(1)   (2)   (3)   (4)

- Helps Your Antenna Pull-In Out-of-Town Stations
- 16 and 18-Gauge Hot-Dipped Galvanized Steel Construction

(1) Raises your antenna for stronger TV and FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Clamp and guy ring provide firm support. Hot-dipped galvanized steel construction resists corrosion. Flanged interior and crimped exterior for sturdier joints. Preassembled for easier do-it-yourself installation.
19-Foot Mast. One 16-gauge, one 18-gauge section. 15-5065 . . . . 31.95
36-Foot Mast. One 16-gauge, three 18-gauge sections. 15-5067 . . . . 51.95

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 for long-lasting rust protection. 15-5070 . . . . 6.49

Guy Wire and Hardware

Fig	Description	Cat. No.	Each
1	50-Foot Galvanized Wire	15-030	1 49
1	100-Foot Galvanized Wire	15-031	2 49
1	40-Foot Plastic-Coated Steel Guy Wire	15-037	2 59
2	3 Guy Wire Anchors	15-825	99
3	2 Guy Wire Turnbuckles: 6" Open, 4" Closed	15-829	1 59

Fig.	Description	Cat. No.	Each
4	U-Bolt and Clamp	15-826	1 19
5	3 Guy Wire Clamps	15-850	1 19
6	2 U-Bolts With Nuts	15-830	99
7	1¼" Guy Ring and Collar	15-835	1 49
8	Set of 4 Hex Lag Bolts, ¼ × 2½" for Heavy-Duty Mounting	15-833	89
9	Guy Wire Mast Clamp With Bolts	15-827	99

Standoff Insulators
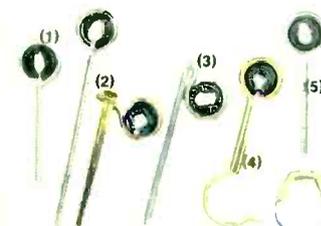
Fig.	Description	Cat No.	Each
1	4 3½" Wood Screw	15-853	89
1	4 6½" Wood Screw	15-854	1 09
2	2 Masonry Type	15-820	1 19
3	2 Nail-In Type	15-821	99
4	2 Snap-Grip Type	15-822	89
5	2 Strap-On Type	15-823	89

SHOP YOUR NEARBY RADIO SHACK FOR EVERYTHING IN TV AND VIDEO ACCESSORIES

109

Everything in TV, VCR and FM Accessories

4-Way 75-Ohm Distribution Amp

31⁹⁵

- For VHF/UHF/FM
- Switchable FM Trap

Typical Gain
14 dB VHF, 13 dB UHF

10 to 20 dB adjustable gain, FM interference trap, F-type connectors. Indoor use only. UL listed AC.
15-1107 . . . . **31.95**
300-Ohm. Fixed Gain. 15-1125 . . . . **31.95**

VHF/UHF/FM Hi-Gain Signal Amp

35⁹⁵ Typical Gain 25 dB VHF, 20 dB UHF

Remotely Controlled FM Trap Cuts Interference

Outdoor amp mast-mounts for best signal. Split amplification increases overload capacity. Adjustable 10 to 20 dB gain. 75-ohm F-connectors. UL listed AC. **15-1108** **35.95**

Indoor FM Signal Booster

25⁹⁵

- Switchable Gain of 0 dB, 10 dB or 20 dB
- Power LED

Connects between FM antenna and receiver. Output: 75 ohm. Includes 36" cable with 75/300 ohm connectors. With 6-foot AC power cord. UL listed.
15-1105 . . . . **25.95**

TV/FM Filters, Attenuators and Trap

(1) VCR/TV/FM. Cuts CB/Ham radio interference. High-pass LC (inductive capacitive) filter installs inline at 75-ohm coaxial input of VCR, TV or FM. 54-900MHz.
15-579 . . . . **3.95**

(2) Coaxial Inline FM Trap. For 75-ohm line. Cuts interference from strong FM radio stations on your TV or VCR to reduce "herringbone" pattern. **15-577** **3.39**

**(3) 75-Ohm Attenuator.** Reduces strong signal overload on your TV or VCR. Connects inline to coaxial cable. Adjustable attenuation for best possible picture.
15-578 . . . . **5.95**

(4) 300-Ohm Attenuator. Reduces ghost images on your TV/VCR. Connects inline to antenna screws. **15-1114** **6.95**

(5) TV Static/Noise Filter. Reduces or eliminates appliance, motor or neon light interference. Attaches to 300-ohm terminals. **15-582** **1.99**

(6) TV/FM Noise Filter. Reduces CB/Ham radio interference. Attaches to 300-ohm terminals. **15-581** **5.95**
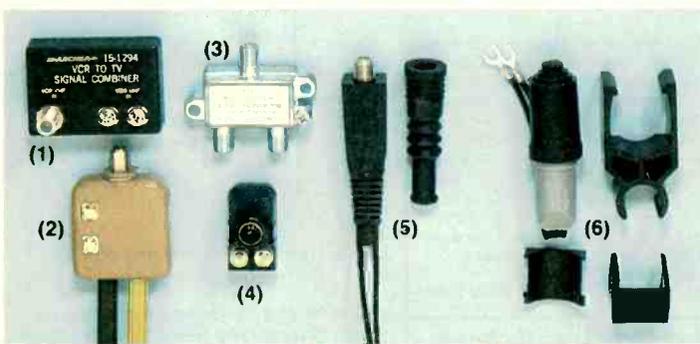
TV/FM Splitters, Matching Transformers

(1) VCR/TV Splitter/Combiner. Separate 300/75-ohm inputs. Combines signals to one 75-ohm output with push-on male F-connector. **15-1294** **3.49**
300 Ohm Splitter/Combiner. As above, but with 300-ohm inputs only. **15-1295** **3.49**

(2) 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**

(3) Hybrid Splitter/Combiner. Splits 75-ohm coax cable to two UHF/VHF outputs. F-connectors. Reversible. **15-1141** **3.95**
Four-Set Splitter. (Not shown.) As above, but for four sets or sources. **15-1142** . . **6.95**

(4) Matching Transformer. Designed for TV and VCR. Provides 75-ohm output from 300-ohm input, or reverse. Push-on F-connector. **15-1253** **2.99**

(5) 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**

(6) Antenna-Mounted Matching Transformer. As above, with special clip for attaching to antenna boom. With weather-resistant boot. **15-1143** **3.99**

AC Interference Filter

8⁹⁹

Three-Prong AC Plug and Socket

Reduces most types of electrical appliance interference for a cleaner picture. Great for video and computer systems. Simple plug-in installation. Three-foot heavy-duty cord. Rated 2.5A. UL listed AC. **15-1111** **8.99**

RF Modulator for Computer or Video

Use Standard TV As a Monitor On VHF Channel 3 or 4   **26⁹⁵**

Converts line-level signal to VHF for TV. Switchable 1000-ohm or 75-ohm video input for most equipment. Phono jacks for video/audio input, 75-ohm F-connector for output to TV. FCC registered. UL listed AC. **15-1273** **26.95**

Coaxial Cable, Connectors & Adapters
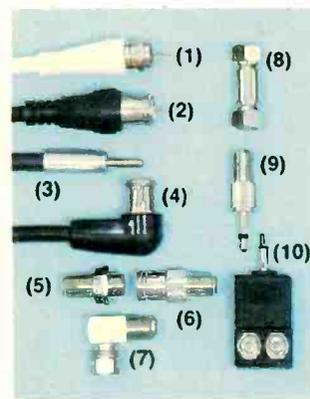
(1) 75-Ohm Coax. Screw-on male F-connector at each end. **16-Foot. 15-1531** **4.79**
25-Foot. 15-1534 . . . . **5.99**
(2) 75-Ohm Coax. Push-on male F-connector at each end. **4-Foot. 15-1529** **2.79**
8-Foot. 15-1530 . . . . **3.49**
(3) 8-Foot. 75-Ohm Coax. Male F-connector to Motorola-type plug. **15-1528** **3.49**
(4) 6-Foot. 75-Ohm TV/VCR Cable. Push-on F-connectors at each end. **15-1536** **2.99**
(5) F-81 Coupler. Female F-connectors at each end. **278-213** . . . . **99¢**
(6) Female F Screw-On to Male Push-On.
278-218 . . . . **1.49**
(7) Right-Angle F-Connector. 278-221, 1.89
(8) Male F to Male F. 278-219 . . . . . . **1.89**
(9) Female F to Miniplug (¹/₈") Adapter.
278-257 . . . . **1.99**
(10) 300-Ohm to 75-Ohm Miniplug (¹/₈") Adapter. 15-1148 . . . . **1.49**

110   RADIO SHACK HAS THE BEST SELECTION OF ACCESSORIES FOR TVS AND VCRS

Better Reception Begins at The Shack®

VCR/TV Signal Splitters
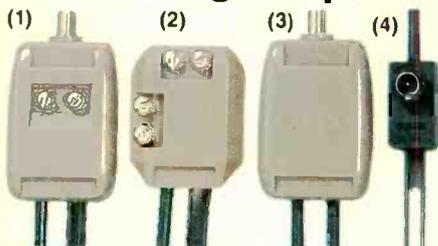
(1) **VCR/TV Signal Splitter.** One 75-ohm input. One 75-ohm output for VHF. 300-ohm outputs for UHF and FM. 15-1252 .... 4.95

VCR/TV Signal Splitter With 6-Foot Cable. (Not shown.) One 75-ohm input. Separate 300-ohm outputs for UHF, VHF and FM. Push-on F-connector. 15-1524 .... 5.95

(2) **VCR/TV Signal Splitter.** 300-ohm input. Provides one 75-ohm output for VHF and 300-ohm outputs for UHF and FM. 15-1251 .... 4.95

(3) **VCR/TV Signal Splitter.** One 75-ohm input. Two 75-ohm outputs for VHF and UHF. 15-1293 .. 4.95

(4) **VCR/TV Signal Splitter With 6-Foot Cable.** One 75-ohm input. Outputs for 300 ohms and 75 ohms. F-type connectors. 15-1522 .... 4.95

Terminators, DC-Block, Attenuators and Switches
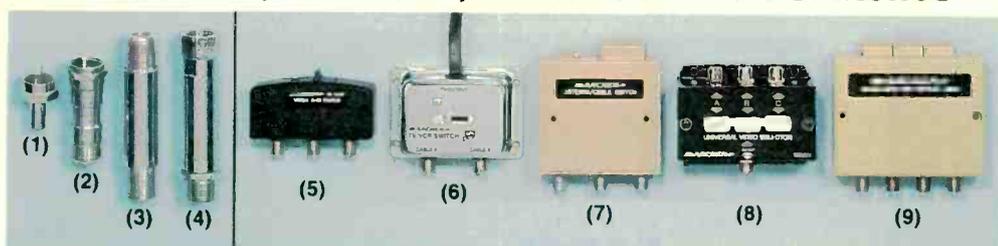
(1) **Terminating Resistor.** F-type, ½ watt, 75 ohms. Terminates unused outputs of splitters, coax wall plates and distribution amps to prevent interference and ghosts. 15-1144 .... **Pkg. of 2/99¢**

(2) **75-Ohm DC Block.** Protects against DC voltages from line-powered equipment. 15-1259 .... 1.49

(3) **Inline 6 dB Attenuator.** 75 ohms. Female F-connector on each end. Reduces interference caused by excessive signal strength. 15-1258 .... 2.19

(4) **Inline 6dB Attenuator.** As above, but with male F to female F-connectors. 15-1257 .... 2.19

(5) **Mini A/B Video Switch.** Two 75-ohm inputs, one 75-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1247 .... 4.95

**(6)** **VCR/TV/FM Switch.** Two switchable 75-ohm inputs, one 300-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1250 .... 4.99

(7) **A/B High Isolation Video Switch.** With 75-ohm output, two switchable 75-ohm inputs. Reversible. 15-1249 .... 6.95

(8) **A/B/C Video Switch.** Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Reversible. 15-1256 .... 8.49

(9) **A/B/C High Isolation Video Switch.** Pushbutton switch with 75-ohm output and three 75-ohm inputs. Reversible—will also select from three outputs. Includes mounting tape and screws. 15-1248 .... 9.95

VHF/UHF/FM Signal Boosters for Use With 75-Ohm Coaxial Cable
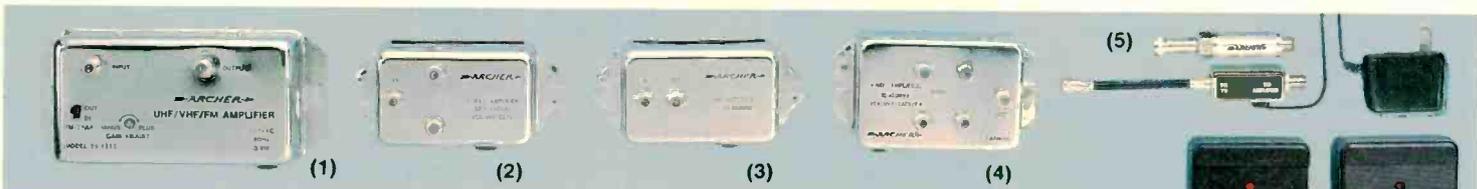
(1) **UHF/VHF/FM Amplifier.** Adjustable 10 to 20 dB gain. Switchable FM trap cuts interference. Can be used with hybrid splitters (see #15-1141 on facing page) to drive up to four TV/FM receivers or VCRs. UL listed AC. 15-1113 .... 21.95

(2) **2-Set Amplified Coupler.** Boosts VHF channels 2-13, FM and mid and superband cable TV to drive one or two TVs, VCRs or FM receivers. UL listed AC. 15-1116 .... 12.95

(3) **10-dB Booster-Amplifier.** For VHF channels 2-13, FM, mid and superband cable TV. UL listed AC. 15-1118 .... 11.95

(4) **4-Set Amplified Coupler.** Boosts VHF channels 2-13, FM, mid and superband cable TV to drive up to four TVs, VCRs or FM sets. UL listed AC. 15-1119 .... 14.95

(5) **Inline Coax Amplifier.** Reduce signal loss from transformers, long cable runs. Inline "bullet" amplifier connects near antenna for maximum benefit. Up to 10 dB boost. For UHF/VHF/FM—5 to 900 MHz. 75-ohm. UL listed AC. 15-1117 .... 16.95

(6) **New! Video Signal Amplifier/Enhancer.** Variable gain, video peaking. Adjust video signal from a VCR, satellite receiver or any other video output. UL listed AC. 15-1102 .... 19.95

(7) **New! 3-Set Audio/Video Distribution Amplifier.** Amplifies and splits video signals and splits audio signals from computer, VCR, descrambler or other source. Drives up to three TV monitors, VCRs, stereo amplifiers or other audio/video components. UL listed AC. 15-1103 .... 29.95

NEW FOR 89

Cables, Connectors & Adapters
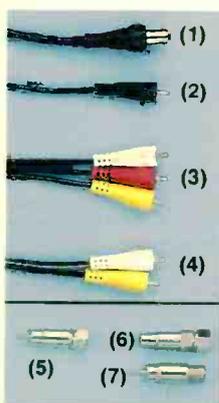
(1) **2-Foot, 75-Ohm Coax Cable.** One male push-on F-connector at each end. 15-1533 .... 2.59

(2) **2-Foot VCR Video/Audio Cable.** 15-1538 .... 2.29

6-Foot VCR Video/Audio Cable. 15-1535 .... 3.99

24-Foot VCR Video/Audio Cable. 15-1539 .... 4.99

(3) **6-Foot Stereo Audio/Video Cable.** Three phono plugs at each end. 15-1537 .... 6.95

(4) **Dual 24-Foot VCR Video/Audio Cables.** 15-1540 .... 7.95

(5) **Male F-Connector to Phono Plug.** 278-253 .... 1.49

(6) **Male F-Connector to Female Phono Jack.** 278-255 .... 1.29

(7) **Female F to Phono Plug.** 278-252 .... 1.39

Dubbing Kit With Gold-Plated Plugs
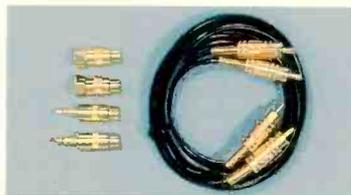
12⁹⁵ **For Cleaner Video Copies**

Two 75-ohm male F-type to phono jack and two ⅛" miniplug to phono jack adapters, 6-foot video/audio cable with two phone plugs on each end. 15-1523 ...... 12.95

Chromium-Plated Plugs. 15-1525 .. 6.95

Audio/Video Cables With Gold-Plated Plugs

NEW FOR 89
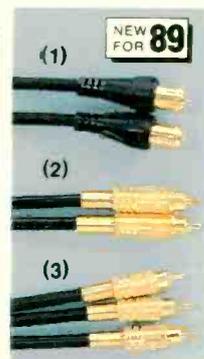
Extremely low loss, improves picture and sound quality.

(1) **"Gold" 3-Foot. 75-ohm** coax cable, push-on F-type ends. 15-1515 .... 3.49

"Gold" 6-Foot. As above. 15-1516 .... 3.99

"Gold" 12-Foot. As above. 15-1517 .... 4.99

(2) **"Gold" 3-Foot. 75-ohm** coax cable, RCA-type ends. 15-1518 .... 3.99

"Gold" 6-Foot. As above. 15-1519 .... 4.49

"Gold" 12-Foot. As above. 15-1520 .... 5.99

(3) **"Gold" Mono to Stereo Dubbing.** 15-1521 .... 9.95

Video Converters and Surround Sound System

Remote 60-Channel Cable Converter

TSP Available

119⁹⁵

Low As $15 Per Month ∗

- Direct-Access PLL Tuning System With LED Display
- Includes Multifunction Wireless Infrared Remote

Pushbutton remote scans cable channels in two directions, accesses them directly, fine-tunes and turns TV on/off. PLL tuning system assures optimum picture and sound. Has standard/HRC switch for use on all cable systems. LED digital display. Channel 3 or 4 output. 2³/₄ × 11¹/₂ × 6¹/₂″. FCC registered. UL listed AC. Remote requires 9V battery. **15-1285** **119.95**

Archer® Cable TV Block Converter

29⁹⁵

Converts VHF, Mid/Superband Cable Channels To UHF

Restores Remote Control Functions to Your TV

Watch one TV channel while taping another on your VCR. Also returns tuning to TV set and VCR. If you have a remote, you can use it to control all tuning selections—including cable channels. Fine-tuning control permits watching "offset" cable channels which may not be receivable on TVs or VCRs with digital tuners. 2 × 6¹/₂ × 3¹/₂″. UL listed AC. **15-1281** . . . **29.95**

TSP Available

Add MTS Stereo, Remote Control and Cable-Compatible Tuning to Any TV

Save $19⁹⁰

Reg. Separate Items 319.85

299⁹⁵

With Speakers

Low As $15 Per Month ∗

- TV-200 Receiver and Two Minimus-7 2-Way Speakers
- Easy Hookup! Attaches To TV Set's Antenna Terminals

Realistic® TV-200 Stereo-TV Receiver. Adds sensational MTS stereo, full-function remote control and 140-channel cable-compatible tuning to the TV you already have! Wireless remote to turn set on/off, tune channels directly, scan memory channels, add or delete memory channels, fine-tune, select antenna or cable TV, adjust or mute volume, even switch to SAP/second-language audio. Has speaker output, RF output for TV, and line-level audio output for stereo system. Two video outputs for connecting a VCR and/or video monitor. 2³/₈ × 12³/₁₆ × 8⁹/₁₆″. UL listed AC.
16-1283 . . . . **Receiver Alone 219.95**
Minimus-7 Speakers. See page 26. **40-2030** . . . . . **Alone, Each 49.95**

---

5 WATTS PER CHANNEL FRONT/REAR, MINIMUM INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 1.0% THD

Dolby Surround Decoder/Amplifier. Enjoy room-expanding "3-D" sound just like theatrical films—at home. Decodes the Dolby surround channel encoded on hundreds of stereo video tapes and laser video discs. Audio becomes so lifelike, it makes ordinary stereo sound "flat". Just connect two speakers to the front channels, put a pair of speakers in the back of your room and connect the rear channel. Or, use your existing stereo system for

Dolby∗ Stereo Surround Sound Decoder With Built-In Amp

199⁹⁵

With Speakers

Save $29⁹⁰

Reg. Separate Items 229.85

TSP Available

Low As $15 Per Month ∗

- Built-In 10-Watt Amplifier With Dolby Surround
- Two Minimus®-7 2-Way Speaker Systems

the front channels—a "BTL" switch on the decoder then lets you double the rear-channel output from 5 watts to 10. Inputs: tuner, audio tape and video/TV. Outputs: audio recording, front/rear L/R speakers, front L/R line level. 3 × 9³/₄ × 9³/₄″. UL listed AC. **15-1279** . . . . **Amplifier Alone 129.95**
With Two Minimus-7 Silver Speakers. See page 26 . . **System 199.95**
With Four Minimus-7 Silver Speakers. See page 26 . . **System 269.95**

112   ITEMS ON THESE TWO PAGES INCLUDE MANUALS WITH ILLUSTRATED HOOKUP EXAMPLES. ∗TM DOLBY LABORATORIES LICENSING CORP.

Quality Values From Our Video Shack^{SM}

Video Special-Effects Switcher Turns Your Viewing Room Into a Production Studio

- Manual/Automatic Fades
- 30 Wipe Patterns

89⁹⁵

Video Special-Effects/Switcher. Professional video and sound editing puts you in control—create horizontal, vertical, diagonal and diamond wipes. Up to 30 different patterns in all. Manual and automatic fades on both audio and video. Features two video and two audio inputs for "source" VCRs, video cameras and audio components. Two video and two audio outputs. Stereo compatible. 2¼ × 10 × 6½". UL listed AC.
15-1274 . . . . 89.95

Horizontal **Vertical** **Diagonal** **Diamond**

Archer Stereo-Compatible Video Processor Adds Professional Taping Features

99⁹⁵

Low As $15 Per Month ★

- Process Playback From a VCR, Satellite Dish, Or Laser Video Disc Player
- Enhance Recordings Dubbed From VCR-to-VCR or From Video Camera-to-VCR
- You Can See and Compare the Improvements You Make on the Split-Screen View

Stereo-Compatible Video Processor. Four video accessories in one component! Improves the overall performance of your video system. Works with monaural and stereo VCRs. Variable enhancer preserves picture details normally lost during duplication. Stablizer eliminates "roll and jitter". Video noise reducer cuts "snow". Variable-speed video/audio fader control gives you pro-quality dubs. Has split-screen view of original/processed video. Front-panel selection of two video/audio sources. Two video/audio outputs (for VCR, TV/monitor) plus RF output for use with a standard television. 2¼ × 10 × 6½". UL listed AC.
15-1272 . . . . 99.95

Video Selectors End Cable Swapping

Five-Input, 2-Output Video Selector. With the flip of a switch you can direct RF signals from up to five different inputs to a TV for viewing and a VCR for recording, or a second TV. Has inputs for TV antenna, cable TV and VCR, plus two aux inputs for adding a video disc player, satellite receiver, computer or second VCR. 75-ohm, "F"-type connectors. 2⁵/₁₆ × 8¹³/₁₆ × 3¹¹/₁₆".
15-1265 . . . . 29.95

29⁹⁵

Baseband Video/Audio Control Center. Adds versatility to your video system while reducing RF interference. Switches baseband (separate audio and video) signals. Designed for use with stereo or monaural VCRs, TVs, processors, video disc players, satellite receivers. Has inputs for up to two VCRs, video disc player, processors and aux. Outputs for TV monitor, processors and two VCRs. RCA-type phono jack connectors. 2¼ × 9⅞ × 6⅛". UL listed AC. 15-1263 . . . . 69.95

69⁹⁵

Amplified 3-Output Video Selector. Three separate VHF/UHF amplifiers for main TV, VCR and remote TV outputs improve signal isolation and maintain signal strength. Especially useful when viewing and recording at the same time. You can direct signals from TV antenna, cable TV and VCR, plus use the two aux inputs for adding a satellite receiver, processor or computer. Switches RF signals. 75-ohm "F" connectors. 2⅜ × 9⅞ × 5¼". UL listed AC. 15-1264 . . . . 89.95

89⁹⁵

Take Control of Your Video/Audio System

Universal 8-in-1 Remote Control With LCD Display and Five-Event Timer

99⁹⁵

Low As $15 Per Month ★
TSP Available

★ Ends the Remote Control Jungle

★ Replaces Up to Eight Infrared Remote Controllers

- Gives You Fingertip Control of a Full Range of Remote Controlled Equipment—TV, VCR, Tape Deck, Stereo System, CD Player, Cable Box, Video/Audio Disc Player and More
- "Learns" and Reproduces the Infrared Remote Control Commands From Up to Eight Individual Controllers
- Five 7-Day Programmable Timers ■ Sequence Programming
- Compatible With All Radio Shack Infrared Controlled Components and Most Other Brands
- Direct-Entry Selection Keys ■ 8-Digit LCD Display
- Up/Down Channel Scan ■ Volume Control

Today's home video system can easily have three, four or more separate remote control components (TV, VCR, cable box, laser disc player, satellite receiver and others). This can turn your room into a "jungle" of hand-held controllers, and it's so easy to grab the wrong remote or misplace the controllers.

Our Universal Remote Control solves those problems and places your entire audio/video system in the palm of your hand! It learns and reproduces the commands from up to eight separate infrared controllers. Just place the Universal Remote Control head to head with almost any other infrared remote, press the matching buttons and it instantly learns your system's operating codes—it couldn't be simpler!

And replacing the separate controllers is only the beginning of what you can do! The system will also remember programmed sequences of up to 48 commands. Five built-in, 7-day timers can automatically activate a stored sequence when you are away from home. A second sequence and timer can be programmed to stop recording and turn off all remote control components. Each timer can activate a sequence every day, once a week, or only a single time. This multifunction marvel has an easy-to-see 8-digit LCD display, up/down channel and volume controls, eight VCR function keys, mute button, nine direct-entry selection keys and a lighted display for easy viewing in dim light. 1³/₈ × 3¹/₈ × 9". Requires 4 "AA" batteries. **15-1901** **99.95**

Archer® Rabbit Multiplying System Lets All Your TVs Share a Single VCR

SYSTEM

79⁹⁵

TSP Available

- Sends the Video and Audio Signals From Your VCR to a Second TV Receiver
- Enjoy Your Favorite Television Show On One Set While Viewing the VCR on Another
- Control Remote Functions From Any Room

The easy way to "share" your VCR with any TV receiver in your home. Watch a video tape on any set you choose while viewing regular TV on another, without ever having to move or reconnect your VCR. You can even use your existing infrared remote to instantly transmit commands to your VCR from any room that has a Rabbit receiver. Expand the system to all your TV sets at any time by adding additional Rabbit receivers. System includes transmitter, receiver, cables and ultrathin connecting wire—hooks up in minutes! Each unit, 1³/₄ × 6⁷/₁₆ × 4". UL listed AC. **15-1953** **79.95**

Extra Receiver. Expand your Archer Rabbit System to additional TVs. With cable, adapter, wire and manual. UL listed AC. **15-1954** . . . . **Each 39.95**

Handy Helpers From Our Video Shack^{SM}

*Revolving Credit
Available
See Page 3

Price Breakthrough! Universal
Remote Control is Four Remotes in One

NEW FOR 89   **49⁹⁵**

- Just Right for Smaller Audio/Video Systems With Remote Control VCR, Television, Stereo System, CD Player or Cable Box
- Ends the Confusion of Multiple Remotes—"Learns" and Reproduces The Infrared Commands of Up to Four Individual Controllers
- Direct-Entry Selection Keys ■ Up/Down Volume and Channel Buttons

Realistic Model 150. Ends the remote control jungle and puts control of your entire audio/video system in the palm of your hand! Since today's system may have three or more separate remote-controlled components, your end table or nightstand can become cluttered with hand-held controllers. The Model 150 Universal Remote Control solves this problem and puts an end to picking up the wrong remote or losing one of the controllers.

Simple to use—just place it head-to-head with almost any other infrared remote, press the matching buttons and the Model 150 instantly learns your system's operating codes. Of course, the Model 150 can only activate functions that are normally accessible by remote control. Compatible with all Radio Shack infrared remote-controlled components and most other brands. Multifunction controller has nine VCR function keys, pushbuttons for on, off, mute, program, enter and lock. LED indicators for send, battery, learn, store and error. 1¹/₈ × 2⁵/₈ × 4⁵/₈". Requires 4 "AAA" batteries. **15-1902** **49.95**
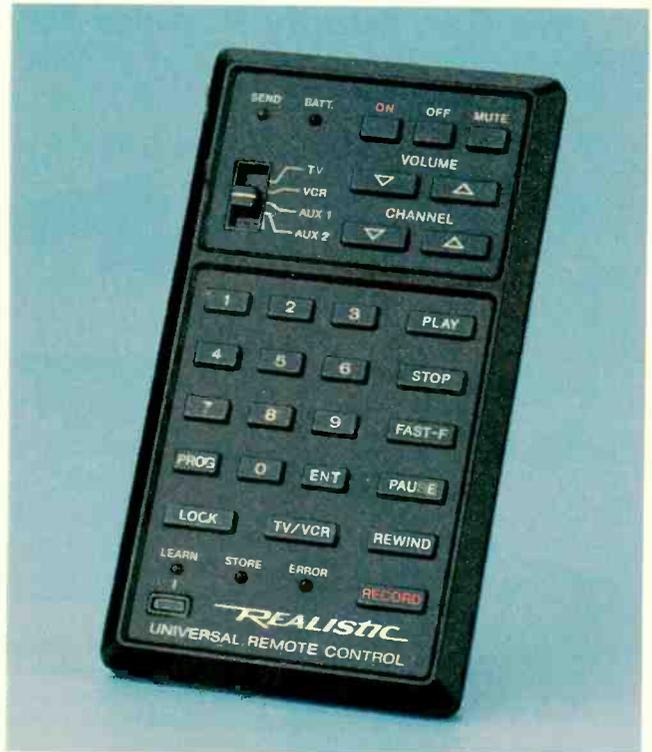
Archer Multiple Video Distribution System

- Watch a VCR on Every TV in Your Home Without Moving It From Room to Room
- Works With All Standard TV Receivers
- Three Outputs Send Separate Programs To the TVs You Select—Simultaneously

49⁹⁵

Watch what you want—*where* you want! With our MVDS and your existing cable box, antenna or VCR, you can send the programming you want to every TV in your home. All program sources are sent through a single coaxial cable, so installation is a snap. You choose the video source with the TV channel selector or remote. Each of the three outputs is amplified for best reception—you can even add splitters to connect more televisions as desired. 2¹/₂ × 7 × 6⁵/₈". UL listed AC. **15-1290** **49.95**
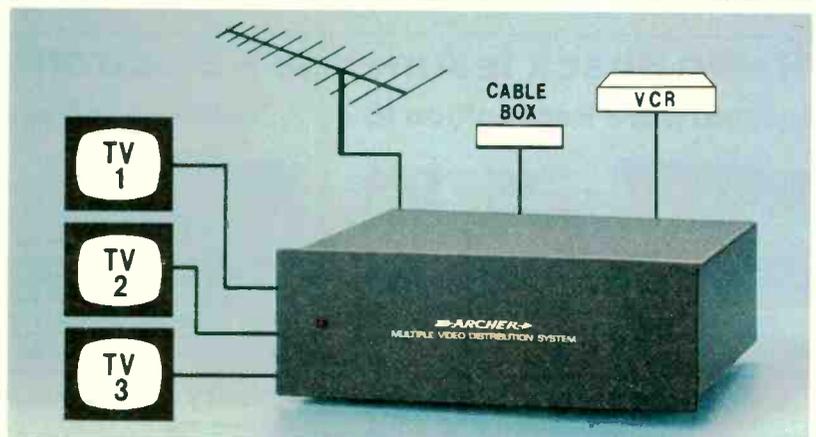
Remote Control Extender

Operate Remote-Controlled Video Equipment From Another Room in Your House

49⁹⁵

TSP Available

Sends the commands from any infrared remote control back to the original video source through ordinary coax cable. Here's how you can use it: Your remote-control VCR, cable box or satellite TV receiver is in the living room. It's connected to a second TV in the bedroom. With the Extender, you don't have to leave the bedroom to change channels or select VCR modes. 1³/₁₆ × 4¹/₈ × 3". Includes splitter and two coax cables. UL listed AC. **15-1289** **49.95**

VIDEO SHACK IS A SERVICE MARK OF TANDY CORPORATION/RADIO SHACK FOR THE VIDEO PRODUCTS DEPARTMENT OF RADIO SHACK STORES   115

Shop Radio Shack for All Your Parts Needs
We Can Supply Popular Tubes, ICs, Semiconductors & Crystals

"Hotline" Service From Our Warehouse

Your nearby Radio Shack store can special-order thousands of parts and accessories not listed in this catalog. These items include Realistic® long-life tubes, linear and digital ICs, microprocessors and support chips, transistors, diodes, plus modules for TV/audio equipment. Also available are phono cartridges and styli, crystals for CBs, scanners and microprocessors, paper refills for calculators, remote controls for phone answerers, and selected computer accessories.

No Minimum Order! No Shipping Charges!

The store manager will check our special in-store substitution list and place your order on our telephone "Hotline". Your order will be shipped directly to your nearby Radio Shack store, and we'll notify you when it arrives. Delivery time for most items is approximately one week. This service gives you convenient one-stop shopping, and there's never a handling charge or minimum order requirement. Come in today—we're ready to serve you!

SAMS PHOTOFACTS®, VCRfacts® and COMPUTERFACTS® Now Available

Now available via the "Hotline". Easier to use than most manufacturer's repair guides. Include detailed schematics and photos, original parts lists and replacements, disassembly and troubleshooting tips. These are the same manuals that electronics technicians use as repair guides. Order these popular books at Radio Shack today. Come in for details.

Photofacts Manuals for Every Popular Make/Model of TV, VCR, Personal Computer by American And Foreign Manufacturers

Radio Shack is America's Electronics Headquarters for Builders

Speech/Word Recognition IC

NEW FOR 89 **9⁹⁵**

VCP200. Explore leading-edge robotics and computer technology—voice recognition! Recognizes spoken commands regardless of the person speaking. Five motion commands and two on/off or yes/no commands. Clipped analog input so no A-to-D conversion required. 20-pin DIP. Few external parts needed. **276-1308** **9.95**

Touch-Tone Decoder IC

12⁹⁵

SSI202. Complete DTMF receiver in an 18-pin DIP. For Ham radio autopatching, repeater control, many other remote control applications. Hexadecimal or binary-coded 2 of 8 output. Clocked by low-cost 3.58 MHz colorburst crystal (RS#272-1310, not included). Single 5VDC supply. With data. **276-1303** **12.95**

FM Receiver On-a-Chip

5⁹⁵

TDA7000. It combines RF, mixer, IF and demodulator stages in one monolithic IC. Just what you need to build a small, inexpensive mono FM band receiver or VHF monitor with few external components. Mute circuit reduces spurious reception. Frequency-locked-loop system with non-critical 70 KHz IF. With data. **276-1304** **5.95**

CMOS and Bipolar-Timer ICs

NEW FOR 89 **Low As** **1¹⁹**
Factory Fresh

NEW! LS7210. Programmable digital delay timer. Range from 6 ms to infinity. Single power supply. On chip oscillator with alternate clock input. **276-1307** **4.99**

TLC555. Low-power CMOS design. Same pinout as 555 but operates up to 2 MHz. 8-pin DIP with data. **276-1718** **1.39**

Bipolar Timers. Provide resettable timing from one microsecond to one hour. Operate from 4.5 to 16VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-Pin	276-1723	1.19
556 (Dual)	14-Pin	276-1728	1.49

Quality Audio Amplifier ICs

Low As **1⁰⁹** **Prime Quality Integrated Circuits**

TDA1520A. A 20-watt high-fidelity power amp in a 9-pin single inline package. Very low distortion. Short-circuit and thermal protection. 20 to 20,000 Hz response. Requires 15-50VDC. **276-1305** **5.99**

LM386. Amplifier for 8-ohm loads is ideal for battery-powered projects. Low distortion and current drain. 400mW output. Adjustable 20-200 gain. 4-12VDC supply. 8-pin DIP. **276-1731** **1.09**

LM383/TDA2002. Up to 8 watts RMS at 13.8VDC, 4-ohm load. 5-pin TO-220. **276-703** **2.99**

TA7205AP. Used in many import auto radios and tape players. 5.8-watt output, 4-ohm load. 9-18VDC. THD: 0.07%. **276-705** **2.99**

Operational Amplifier ICs
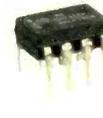
Low As **79¢** **With Specs**

741. A general-purpose workhorse. Frequency compensated. 8-pin DIP. **276-007** .... **79¢**

1458 Dual Op Amp. Internally compensated. Low power consumption. Two 741 op amps in an 8-pin DIP. Split supply. 5 to 16VDC. **276-038** .... **99¢**

LM324 Quad Op Amp. Operates on 3 to 30VDC or split 1.5 to 15VDC supply 14-pin DIP. **276-1711** **1.29**

TL082 Dual BIFET Op Amp. Low-noise, hi-Z JFET inputs. Low distortion, 13 V per µS slew rate. Split 4 to 18VDC supply. 8-pin DIP. **276-1715** **1.89**

LM339 Quad Comparator. Four independent voltage comparators in a 14-pin DIP. Single 2 to 32VDC supply. **276-1712** .... **99¢**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Project Optoelectronics and Breadboards

Infrared LEDs and CdS Photocell

(1)

NEW! 89
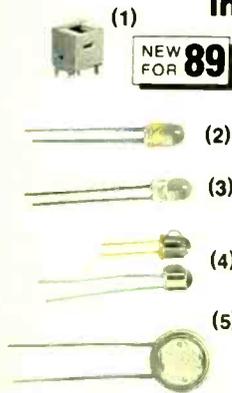
(1) **NEW! Infrared Detector Module.** Build reliability into your next IR control project and end the guesswork. Combines a detector, amp, limiter, bandpass filter, demodulator, integrator and comparator. Requires 5VDC. **276-137** **3.49**

(2) **SEP8703-1.** Low power design, high-output infrared (IR) LED. **276-143** **1.69**

(3) **TIL414.** IR phototransistor. High-speed NPN. 50 mW. T-1¾ case. **276-145** .... **99¢**

(4) **IR Pair.** LED infrared transmitter, sensitive phototransistor detector. **276-142** .... **Pair 1.99**

(5) **CdS Photocell.** Wide resistance range photoresistor rated 200 mW at 170 volts, maximum. ½ × ¼". **276-116** **1.79**

Bar Graph Displays

(1)   (2)
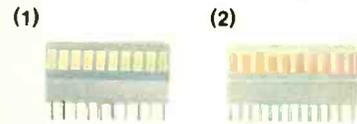
(1) **Multi-Colored LED Display.** Ten-segment array with red, yellow and green LEDs. **276-083** **3.79**

(2) **Red LED display.** Easy way to add fast-response metering to audio and other circuits. Ten segment array. Fits standard 20-pin socket. **276-081** **2.99**

LED Digital Displays

(1)

(2)
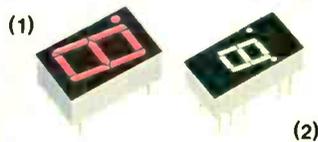
(1) **Jumbo 7-Segment Display.** Extra-large 0.56" digits are easy to read—even across the room. Common cathode. **276-077** **1.99**

(2) **Seven-Segment Display.** Fit 14-pin DIP socket. 0.3". Specs included. **276-075** **1.79**

Our Biggest and Brightest LEDs

NEW FOR 89

(1)
(3)
(2)
(4)
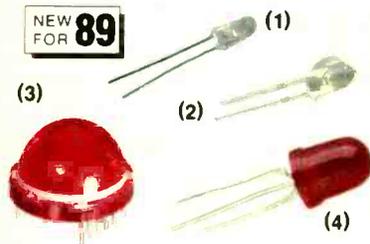
(1) **NEW! Super-Bright LED.** So brilliant you can't believe it's an LED! 2000 mcd output was possible only in the lab a short time ago. Requires 1.85V, 20 mA. **276-087** **1.69**

(2) **High-Brightness Red LED.** 500 mcd at 20 mA, yet runs cool. Point-source type in a clear T-1¾ package. **276-066** **1.19**

(3) **Super-Jumbo Red LED.** Six LED elements in a huge 20mm display. **276-064** **3.49**

(4) **Jumbo Red LED.** Two LED elements in a 10mm diameter housing. Three-lead pinout for separate current-limiting resistors. **276-065** **1.19**

Big Values in Solar-Energy Power

NEW FOR 89

(1)
(2)
(3)

(1) **NEW! Flexible Solar Cell.** A technological breakthrough—amorphous silicon alloy-on-stainless steel is unbreakable! Encapsulated 3¼ × 1⅞" cell develops 1.2VDC and 65 mA. May be wired together in series and/or parallel for greater output. **276-138** **5.95**

(2) **Silicon Solar Cell.** Efficient 2 × 4 cm cell delivers approximately 0.3 amp at 0.55VDC in full sunlight. Use several together to charge batteries or power projects. **276-124** **3.95**

(3) **Solar Energy Project Set.** Just what you need for your models and solar science projects. Includes solar cell prewired to DC motor, color wheels and propeller. Informative booklet with projects. **277-1201** **9.95**

Spruce Up Your Projects With Quality LEDs

(1)

NEW 89 (2) (3) (4) (5) (6) (7) (8) (9)

(10)
(11)
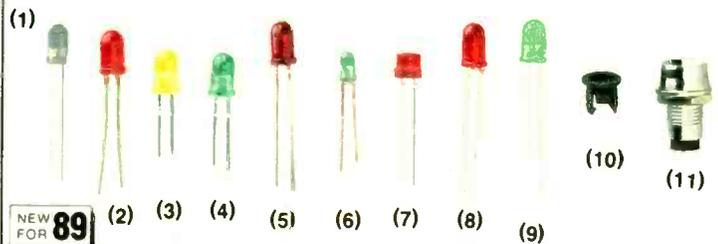
(1) **NEW! Dual-Color LED.** DC flow in one direction gives red, the opposite gives green. Two-lead, T-1¾ case. **276-012** **1.19**

(2) **Jumbo Red LED.** T-1¾ case. **276-041** .... **Pkg. 2/69¢**

(3) **Jumbo Yellow LED.** T-1¾ case. **276-021** .... **Pkg. 2/79¢**

(4) **Jumbo Green LED.** T-1¾ case. **276-022** .... **Pkg. 2/79¢**

(5) **Mini Red LED.** T-1¾ case. **276-026** .... **Pkg. 2/69¢**

(6) **Mini Green LED.** T-1¾ case. **276-037** .... **Pkg. 2/89¢**

(7) **TLR-107 Brilliant Red LED.** 3/16" mtg. hole. **276-033** ...... **Pkg. 2/89¢**

(8) **Blinking Red LED.** MOS IC driver and LED in a T-1¾ case. Approximately 20 mA at 3VDC. Can drive several extra plain LEDs in series. **276-036** ... **1.29**

(9) **Blinking Green LED.** Flash rate 1 Hz, typical. T-1¾ size. 55 mA at 3VDC. **276-030** **1.29**

(10) **T-1¾ LED Holders.** Fit ¼" mounting holes. **276-079** ...... **Pkg. 5/59¢**

(11) **Chrome LED Panel Lamp Holders.** Accept standard T-1¾ (jumbo-size) LEDs. **276-080** .... **Pkg. 2/1.19**

LED Flasher IC and Triac Optocoupler

(1)

(2)
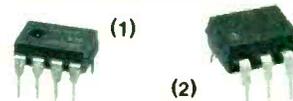
(1) **LM3909 LED Flasher.** Pulses LEDs with minimum of current, other parts. 8-pin DIP. **276-1705** **1.69**

(2) **MOC3010 Optocoupler.** Use for interface between logic-level signals and 120VAC circuits up to 100 mA. 6-pin DIP. **276-134** **1.99**

Solderless Breadboards for Experimenters

(1)

(3)

(2)   (4)
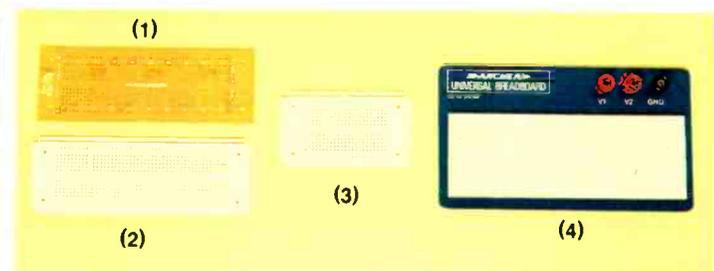
The fast way to design circuits! Our breadboards accept a wide variety of devices and make circuit changes as easy as plugging and unplugging wires. When your circuit is working properly, it's easy to transfer it to the matching experimenter's PC board for a soldered, permanent version.

(1) **Printed Circuit Board.** Layout matches modular breadboard sockets. 550 predrilled, indexed connection points. 2¹/₁₆ × 5⁷/₁₆ × ¹/₁₆". **276-170** **2.79**

(2) **Modular IC Breadboard Socket.** Silver-nickel contacts accept 30 to 22-gauge solid wire. Features two bus strips and 550 indexed connection points. Snap together horizontally or vertically for more complex designs. 2⅛ × 6". **276-174** **11.95**

(3) **Modular IC Breadboard Socket.** Smaller version of Fig. 2 with 270 indexed connection points. 2⅛ × 3⅝ × ¹/₁₆". **276-175** **7.49**

(4) **Universal Breadboard.** Our finest! The 2¼ × 6½" breadboard is mounted on a 7 × 4" "stay-put" steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Provides a total of 640 plug-in tie points and has three binding posts for external power connections. Recommended for students and professionals alike. **276-169** **19.95**

Top-Quality Semiconductors and Digital ICs

Logic Probe and Pulser For TTL/LS/CMOS Testing

16⁹⁵ Probe
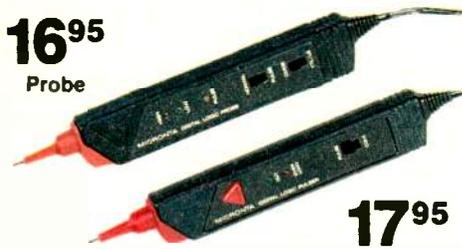
17⁹⁵ Pulser

Both Have 36" Leads With Clips to Obtain Power From Tested Circuit

Digital Logic Probe. The fast way to "peek inside" TTL, LS and CMOS digital circuits, memory, microprocessor and peripheral chips. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees eyes for faster testing. Switches for normal or pulse modes, CMOS or TTL/LS testing. Input: 100,000 ohms. Minimum detectable pulse width: 50 ns. 4.7 to 15VDC. **22-303** **16.95**

Digital Logic Pulser. Together, the Pulser and Probe make an effective diagnostic team for today's digital circuits. Produces single 5 µs pulse or a continuous 5 Hz pulse train. Overload protection and low output impedance. 4.7 to 15VDC. **22-304** **17.95**

Voltage Regulator ICs for Replacement and Projects

Low As **99¢**

Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated nonstandard DC voltage is required. Both include specs and data.

LM723. Adjustable from 2 to 37VDC. 150 milliamps maximum. 14-pin DIP. 276-1740 .... **99¢**

LM317T. Adjustable from 1.2 to 27VDC output. Heat sink such as #276-1363 (Fig. 8 on the facing page) is required for maximum current rating of 1.5 amps. TO-220 case. **276-1778** **1.99**

Fixed Regulators. Feature built-in overload protection and thermal shutdown. When control lead is grounded, regulated voltage is available at the output. Maximum input: 35VDC. Heat sink (#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
7815	+ 15	276-1772	1.19

IC Inserter/Extractor Set
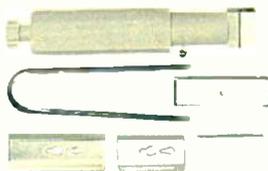
6⁹⁵

Stop Bending Pins!

Install and remove 6-pin to 40-pin DIPs without damage. Extractor works with LSI, MSI and DIP devices. Both tools are groundable to protect static-sensitive MOS devices. **276-1581** **6.95**

Small-Signal Diodes

1N914/4148. Silicon switching type. 75 PIV. 276-1122 .... **Pkg. of 10/99¢**
1N34A. Hard-to-find general-purpose germanium. 60 PIV.
276-1123 .... **Pkg. of 10/99¢**

99¢ Pkg. of 10

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

Line Driver ICs For Data Transfer

1²⁹ Each Send/Receive Peripheral Data

MC1488 RS232 Quad Line Driver. Lets you hook up terminals and remote peripherals with a simple "twisted pair." Mixes different logic families. 14-pin DIP with data. 276-2520 .... **1.29**

MC1489 RS232 Quad Line Receiver. Use with above. Performs logic-level translation and can provide multiple outputs. 14-pin DIP with data. 276-2521 ... **1.29**

IC Pin Aligner

2⁹⁹ Board-Ready ICs in an Instant

Why use pliers? With just a squeeze bent pins become factory-straight. Made of conductive plastic with grounding post to safely drain static charge. For 6-pin to 40-pin DIPs. **276-1594** **2.99**

SCRs, Triacs

Low As **99¢**

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

Voltage	Cat. No.	Each
200	276-1067	.99
400	276-1020	1.19

6-Amp Triac. For light dimmers, heat element control. Immune to transient damage. Rated up to 400V. With data. **276-1000** **1.49**

4000-Series CMOS ICs

Low As **99¢**

With Pin-Out And Specs

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
With Pin-Out And Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.89
Hex Inverter	7404	276-1802	.99
Quad 2-Input AND Gate	7408	276-1822	1.29
BCD to 7-Seg. Driver	7447	276-1805	1.69
Div. by 2/5 BCD Counter	7490	276-1808	1.19

Rectifiers for Power Supplies and Replacement

(1) (2) (3) (4) (5) (6) (7) (8)
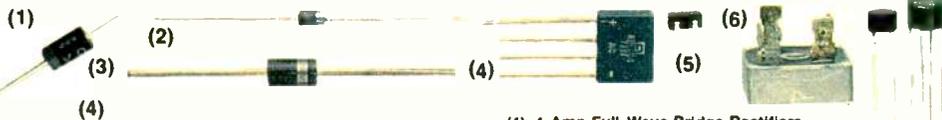
(1) 40-Volt, 1-Amp Schottky Barrier Diode. Low 0.55-volt forward voltage drop. Fast 0.2 µs reverse recovery time. Ideal for switching power supplies. 276-1165 ...... **Pkg. of 2/1.19**

(2) Micromini 1-Amp Diodes. 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

(3) 3-Amp "Barrel" Diodes. 200-amp surge.

Type	(PIV)	Cat. No.	Package of 2
1N5400	50	276-1141	.79
1N5402	200	276-1143	.89
1N5404	400	276-1144	.99

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. The one to choose for high-voltage, high-current power supplies. Only ¼ x ³⁄₁₆".
276-1114 .... **Pkg. of 3/1.49**

(4) 4-Amp Full-Wave Bridge Rectifiers.

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.99

(5) 1-Amp, 50 PIV Full-Wave Bridge Rectifier. Rated 25 amps. For PC board or socket mounting. Two fit into a 14-pin DIP socket. 276-1161 .... **89¢**

(6) 25-Amp, 50 PIV Full-Wave Bridge Rectifier. Just the thing for heavy-duty power supplies. Metal case for maximum heat dissipation. ⅛" square. 276-1165 .... **2.69**

(7) 6-Amp, 50 PIV Full-Wave Bridge Rectifier. Heavy-duty. ⁹⁄₁₆ x ⁹⁄₁₆ x ³⁄₁₆". 276-1180 .... **2.19**

8-Amp, 250 PIV Full-Wave Bridge Rectifier.
276-1181 .... **2.19**

(8) 1.5 Amp Full-Wave Bridge Rectifiers. M548 cases.

PIV	Cat. No.	Each
50	276-1151	1.09
100	276-1152	1.19

Transistors and Mounting Accessories

Revolving Credit
Available
See Page 3

"How To" Books for Builders, Technicians and Students

Semiconductor Reference Guide. New 1989 edition! Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack linear and digital ICs, modules, SCRs, LEDs, diodes and opto devices. Illustrated.
276-4012 .... **3.99**

Getting Started in Electronics. By Forrest Mims III. The perfect "hands on" introduction to electronics. Features large diagrams and easy-to-understand text by one of America's most popular technical authors. 128 pages. **276-5003** **2.49**

3⁹⁹

2⁴⁹

Mini-Notebook Series by Forrest Mims III

Timer ICs. Covers 555/556 ICs. 32 pages. 276-5010 ..... **99¢**
Op Amps. Over 40 clever circuits. 48 pages. 276-5011 .... **1.49**
Optoelectronics. Projects range from simple LED circuits to lightwave communications. 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 gates, TTL and CMOS devices, logic families, truth tables. 48 pages. 276-5014 ... **1.49**
Communications Projects. Telegraphs, lightwave communications, radio receivers. 48 pages. 276-5015 .... **1.49**
NEW! Formulas, Tables and Basic Circuits. Helps you understand and use Ohm's law, parallel and series resistance formulas, plus data on math, color codes and more. 276-5016 ...... **1.49**

DIP Header
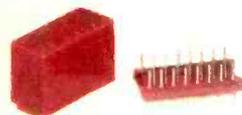
1⁶⁹

Versatile Interconnect

16-Position DIP Component Carrier. Plug-in module accepts resistors, capacitors, jumpers and more. Fits standard 16-pin DIP socket. With cover.
276-1980 .... **1.69**

Static Protectors
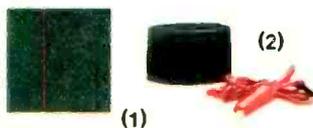
(1) Conductive Foam Mat. 5×5". For bench or shipping. 276-2400 .... **89¢**
(2) Static-Draining Wrist Strap. Ideal for use when handling computer expansion PCBs and sensitive ICs. 24" ground lead with clip. **276-2399** **2.79**

Wire Wrapping
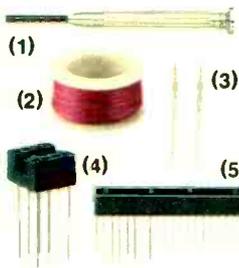
(1) Wire-Wrapping Tool. Balanced 4½" all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. **276-1570** **6.95**

(2) 30-Gauge Wire for Wrapping. 50-foot spools. Each **2.39**

Color	Cat. No.	Color	Cat. No.	Color	Cat. No.
Red	278-501	White	278-502	Blue	278-503

(3) Wire-Wrapping Posts. Insert and securely lock into standard perforated and PC boards. Accept three levels of wrap. 0.025" square. **276-1987** .... **Pkg. of 20/79¢**
(4) (5) Wire-Wrapping Sockets. Square 0.025" posts accept three levels of wire.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.39
14	276-1993	1.49
16	276-1994	1.59

Pins	Cat. No.	Each
28	276-1983	1.39
40	276-1984	1.99

We're Your Replacement Transistor Source

TO-39
TO-92
TO-220 Low As **59**¢
TO-3

Includes Data and Pin-Out

Refer to Semiconductor Reference Guide (above) for complete data and cross-reference list.

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE† Type GE	Sylvania† Type ECG	RCA† 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
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.59
MJE34	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 µmhos	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 = Darlington
GP = General Purpose
P = Audio Amp, Switch
SW = Switch
NOTE: Parameters: 25° C.

Heat Sinks and Mounting Hardware

Low As **79**¢

(1) TO-220 Heat Sink. Designed for PC board mounted power semiconductors in TO-220 cases. Anodized aluminum. 276-1363 .... **79¢**
(2) Mounting Hardware. For power semiconductors. With screws, insulating washers, solder lug, bushings. For TO-3 case. **276-1371** .... **Set 79¢**
Mounting Hardware for TO-220 Case.
276-1373 .... **Set 79¢**
(3) Heat Sink Grease. Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 .... **1.49**
(4) Heat Sink for Soldering. Strong spring clip with insulated handle. Essential for safe soldering of semiconductors and low-power passive components. 276-1567 .... **1.39**

TV & Power Devices
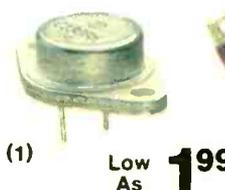
(1) Low As **1**⁹⁹ **(2)**

(1) 2SC1308. NPN transistor used as horizontal output in many TVs. Replaces ECG-238, GE-38, SK-3115. TO-3 case. **276-2055** **6.95**
(2) IRF-511 Power MOSFET. Up to 60 VDC, 3 amps. "On" resistance: 0.6 ohm. TO-220 case. **276-2072** .. **1.99**

DIP Sockets

Low As **49**¢

Non-wicking solder-type for PC use.

Type	Cat. No.	Pkg. of 2
8-Pin	276-1995	.59
14-Pin	276-1999	.89
16-Pin	276-1998	.99

Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
24-Pin	276-1989	.79
28-Pin	276-1997	.89
40-Pin	276-1996	.99

†GE IS A TRADEMARK OF GENERAL ELECTRIC CO. ECG IS A TRADEMARK OF PHILIPS ECG. SK IS A TRADEMARK OF RCA CORP.

119

Archer® Relays, Joysticks, Parts Assortments

Big Selection of Quality Relays—All With Data and Pin Diagram

1-Amp SPST Reed

1⁸⁹ Each

SPST contacts: 1A at 125VAC. About 1" long, 5/16" diameter.

Coil	Cat. No.
5VDC, 20 mA, 250 Ω	275-232
12VDC, 11 mA, 1.05 kΩ	275-233

1A SPDT Micro

1⁹⁹ Each

Only 11/32 × 3/8 × 1/4". SPDT contacts rated 1A at 125VAC.

Coil	Cat. No.
5VDC, 90 mA, 55 Ω	275-240
12VDC, 37.5 mA, 320 Ω	275-241

2-Amp SPDT DIP

2¹⁹

Fits a 14-pin DIP socket or mounts on PC/perfboard. 3/8 × 9/16 × 3/8". SPDT contacts rated 2A at 125VAC.

Coil	Cat. No.
5VDC, 72 mA, 70 Ω	275-243

5-Amp SPDT Mini

NEW FOR 89 89

2⁴⁹

SPDT contacts: 5A at 125VAC. Approximately 7/8 × 1 × 11/16".

Coil	Cat. No.
12VDC, 65 mA, 180 Ω	275-219

10-Amp SPDT Mini

2⁹⁹

Mighty Midget

High-current switching in minimum space! 9/16 × 25/32 × 5/8". SPDT contacts: 10A at 125VAC.

Coil	Cat. No.
12VDC, 38 mA, 320 Ω	275-248

2-Amp SPDT Mini

NEW FOR 89

2⁹⁹

SPDT contacts: 2A at 120VAC. Approximately 3/4 × 3/4 × 9/16".

Coil	Cat. No.
7-9VDC, 18 mA, 500 Ω	275-005

1-Amp DPDT Mini

NEW FOR 89

3⁹⁹

DPDT contacts: 1A at 120VAC. Approx. 7/16 × 3/4 × 1/2". UL.

Coil	Cat. No.
12VDC, 43 mA, 280 Ω	275-249

3A 4PDT Plug-In

5³⁹

Switches Up to 4 Circuits

Versatile! 4PDT contacts: 3A at 125VAC. Socket mount or solder. 13/8 × 11/8 × 13/16".

Coil	Cat. No.
12VDC, 130 mA, 150 Ω	275-214

3A Socket for Above. 275-221 . . 1.69

3A DPDT Plug-In

5⁹⁹

Socket Included

DPDT contacts: 3A at 125VAC. Socket has hold-down clips for relay. 11/4 × 1 × 3/4".

Coil	Cat. No.
12VDC, 75 mA, 150 Ω	275-206

10A DPDT Plug-In

5⁹⁹ Each

Plug-In or Chassis-Mount

DPDT contacts: 10A at 125VAC. 15/8 × 1 × 3/4".

Coil	Cat. No.
12VDC, 130 mA, 160 Ω	275-218
125VAC, 15 mA, 4500 Ω	275-217

10A Socket for Above. 275-220 . . 1.79

Add "Zip" to Your Videogame With a New Joystick

10⁹⁵ **14⁹⁵** **NEW FOR 89** **17⁹⁵**

- Arcade Performance at Affordable Prices
- Suction Cups for Stable Tabletop Operation

Jet Fighter-Style Competition Joystick. Features contoured handle, "fire" buttons on handle and base. A great replacement or upgrade for many Atari, Commodore, NEC and Sears models. Four-foot cable with standard nine-position connector. 270-1701 . . . . 10.95

Super Deluxe Competition Joystick. As above, but has two "fire" buttons on handle plus auto-fire control to shoot a stream of "bullets." Six microswitch actuators. 270-1703 . . . . 14.95

NEW! Super Deluxe Competition Joystick. Gives you a better "grip" on popular Nintendo® games. Six spring-action microswitches greatly improve sensitivity. Two separate fire buttons on handle allow you to shoot with either thumb or "trigger" finger. Auto-fire switch lets you release a continuous stream of firepower. Start/select control. 270-1704 . . . . 17.95

Ten-Ft. Joystick Extension Cord. 270-1705 . . . . 5.49

Atari, Commodore, NEC, Nintendo and Sears are registered trademarks of the respective companies.

Builder's Bargains! ArcherPaks Only $1.98 Each

Package of 50 Diodes

1N914/4148. Silicon. Popular for logic. Switching time low as 4 ns. PRV: 90. 276-1620 . . . . 1.98

15 NPN Transistors

General-purpose silicon high-speed, medium-power switching transistors. 600 mW. 276-1617 . . . . 1.98

15 Amplifying Transistors

PNP small-signal type, similar to 2N3906. 350 mW dissipation. Popular TO-92 case. 276-1604 . . . . . 1.98

25 Rectifier Diodes

1N4000-series. Ten 1N4001s, five 1N4002s, five 1N4004s, and five others. 276-1653 . . . . 1.98

10 Rectangular LEDs

Selection may include red, green, yellow, regular and high-efficiency type LEDs. 276-1655 . . . . 1.98

20 Assorted LEDs
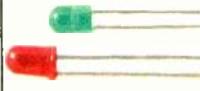
May include types MV-5054, MV-50, RL-209 in red, green, amber plus infrareds and indicators. 276-1622 . . . . 1.98

Package of 5 Rectifiers

Rated 6 amps, 50 PIV. Use for replacement and power supply projects. 276-1661 . . . . 1.98

Package of 5 Regulators
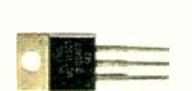
Includes one 7805, one 7812 and three other types. For power supplies. 276-1660 . . . . 1.98

Package of 3 Optocouplers

Isolate Critical Circuits

Includes one with transistor output, one Darlington output, one other type. 276-139 . . . . 1.98

Package of 5 Photocells
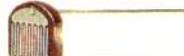
Cadmium-sulfide photoresistors. Excellent for experiments. Various styles and ratings. 276-1657 . . . . 1.98

100 Disc Capacitors

May include NPO, Hi-Q, N-750, Mylar and ceramic types. Assorted values and working voltages. 272-801 . . Set of 100/1.98

Set of 20 Electrolytics

Minis and subminis, axial and radial leads. Assorted values and voltage ratings. 272-802 . . . . 1.98

RADIO SHACK—AMERICA'S ELECTRONICS PARTS PLACE™ SINCE 1921

Your Nearby Source of Reliable Switches

Illuminated AC Switches
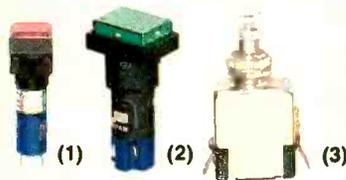
Low As 3⁹⁹

(1) **125VAC SPDT Push-On/Push-Off.** Rated 3A at 125VAC. 12-volt lamp. Body size: 1¾ x 9/16 x 9/16". Mounts in 7/16"-dia. hole. 275-676 .... 6.49

(2) **SPST Normally Open/N. C.** Rated 5A at 250VAC. 12-volt lamp. Mtg. hole: 5/8". UL listed. 275-678 .. 6.99

Replacement Bulb for Figs. 1 and 2. 272-1154 .. 1.29

(3) **125VAC SPST Push-On/Push-Off.** Rated 10 amps. 125VAC use only. Mtg. hole: 7/16". 275-671 ...... 3.99

Standard-Size Panel-Mount AC Toggle Switches
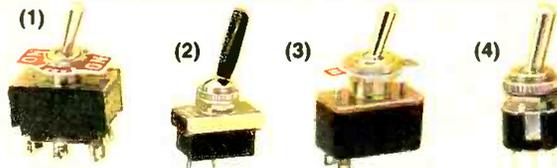
Low As 1²⁹

- ■ Great for Replacements
- ■ With Mounting Hardware

(1) **Heavy-Duty DPDT With Center Off Position.** Rated 10A at 125VAC. Has screwdriver terminals for easy hookup and on-off-on label plate. Body: ¾ x 1⅜ x 1⅜". Mounts in 7/16"-diameter hole. 275-1533 ...... 1.89

(2) **Heavy-Duty With Flatted Lever.** Rated 6A at 250VAC. Solder lug terminals and ⅜ x 1"-long lever. Body size: 15/16 x 5/8 x 5/8". Mounts in 7/16" hole. UL.

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) **Standard Toggle.** Rated 3A at 125VAC. Include on/off label plates. Body size: 1½ x 9/16 x 1". Mount in 7/16"-diameter hole.

SPST. 275-602 .... 1.29
DPOT. 275-666 .... 1.59

Toggle Switch Set. Includes one DPDT and two SPST. Style and rating similar to Fig. 3.
275-322 .... Set of 3/2.69

(4) **SPDT Toggle.** Rated 5A at 125VAC. Mounts in 7/16" hole. 275-603 .... 1.59

Momentary and Push On/Off
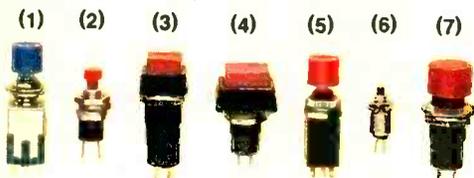
(1) **Mini SPDT Momentary.** Rated 3 amps at 125VAC. Mounts in ¼"-diameter panel hole. 275-1549 .... 2.59

(2) **Mini SPST Momentary.** 0.5A at 125VAC. ¼" mtg. hole.
Normally Open. 275-1547 .... Pkg. of 4/2.69
Normally Closed. 275-1548 .... Pkg. of 4/2.89

(3) **SPST Push On/Push Off.** Rated 3 amps at 250VAC. Mounts in ½"-diameter panel hole. 275-617 .... 1.69
Momentary Version. 275-618 .... 1.59

(4) **SPST "Soft-Feel" Push On/Push Off.** Rated 3 amps at 125VAC. Mounts in ⅜"-diameter hole. 275-1565 ...... 1.99
Momentary Version. Normally Open. 275-1566 ...... 1.89

(5) **Mini SPDT Push On/Push Off.** Rated 3 amps at 125VAC. Mounts in 9/16"-diameter hole. 275-1555 .... 2.49

(6) **Submini SPST Momentary.** 0.5A at 125VAC. Norm. open. ⅜" mtg. hole. One red, one black. 275-1571 ...... Set of 2/2.39

(7) **Standard SPST Push On/Push Off.** Rated 3 amps at 205VAC. ½" mtg. hole. 275-011 .... 1.39
Momentary Version. Normally open. Includes one black and one red. 275-609 .... Set of 2/1.79

Panel-Mount Mini, Submini and Micromini Toggles

NEW FOR 89
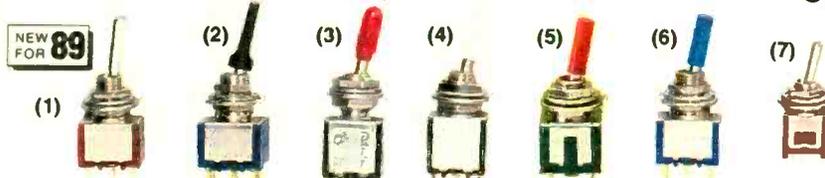
Low As 1⁹⁹

(1) **Flat-Lever Mini.** 6A/125VAC. ⅜ x 7/16 x ¼". Mtg. hole: ¼".
NEW! SPST. 275-634 .... 2.69	SPDT. 275-635 .... 2.89
DPDT. 275-636 . 3.39	DPDT Momentary. 275-637 . 3.69

(2) **Mini.** 6A at 125VAC. 1⅜ x ½ x ½". Mtg. hole: ¼". UL.
SPST. 275-662 ...... 3.39	DPDT. 275-663 .... 3.59
DPDT Center Off. 275-664 .... 3.79	

(3) **High-Current Mini.** 10A/125VAC. ½ x 7/16x½". Mtg. hole: ¼".
SPST. 275-324 ...... 2.89	SPDT. 275-326 .... 2.99
SPDT Center Off. 275-325 . 3.39	DPDT Center Off. 275-1546 . 3.59
DPDT Center Off. 275-1545 .... 3.79	

(4) **Micromini.** 3A at 125VAC. ¼ x 9/16 x 9/16". Mtg. hole: ¼".
SPST. 275-624 ...... 2.29	SPDT. 275-625 ...... 2.39
DPDT. 275-626 .... 2.59	

(5) **Submini.** 3A at 125VAC. ⅜ x ¼ x ⅜". Mtg. hole: ¼".
SPST. 275-612 ...... 2.49	SPDT. 275-613 ...... 2.59
DPDT. 275-614 ... 2.99	DPDT Center-Off. 275-620 . 3.19

(6) **SPDT Momentary.** 6A at 125VAC. Spring return to one position. ⅜" Mtg. hole: ¼". 275-619 .... 2.39

(7) **Submini SPST PC-Mountable.** 0.3A at 125VAC. ⅜ x ⅜ x ¼". 275-645 .... 1.99

Mini DIPs

8-Position

4-Position
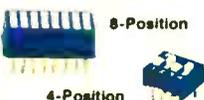
SPST switches for digital and low-current use.

Pos.	Fits DIP Socket	Cat. No.	Each
8	16-pin	275-1301	1.79
4	8-pin	275-1304	1.39

Slide Switches
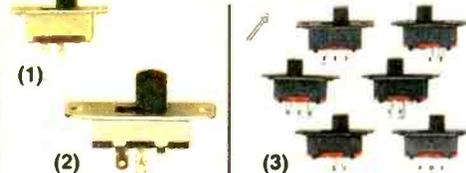
(1) **Submini.** Rated 0.3A at 125VAC.
SPST. 275-406 .. 2/79¢   DPDT. 275-407 .. 2/89¢

(2) **Heavy-Duty.** Rated 3A at 125VAC.
SPST. 275-401 .... Pkg. of 2/1.09
DPDT. 275-403 .... Pkg. of 2/1.39

(3) **Slide Switch Kit.** Rated 0.5A at 125VAC. Includes one SPDT, one DPST, two DPDT, two SPST, and 12 mounting screws. 275-327 .... Set of 6/1.99

Lever-Type

(1) **SPDT With ¾" Roller Lever.** Operating force: 5 grams. 5 amps at 250VAC. ¾ x ¼ x ⅜". UL listed. 275-017 ...... 1.79

(2) **SPDT With ¾" Lever.** 5 amps/250VAC. 275-016 .. 1.69

Mercury-Bulb

Useful in motion detector alarms and science projects. Heavy-duty, rated 5 amps at 125VAC. Style may vary.
275-027 .... 1.29

Knife-Type

DPDT. Screwdriver terminals. Ideal for projects, antenna switching, model trains. 0.5 amp at 200 VDC. 15/8 x 2⅜ x ¾".
275-1537. 1.29

Rotary-Type

0.3A, 125VAC

Two Poles With Six Positions. Has single deck. Non-shorting type.
275-1386 .... 1.39

Single Pole With 12 Positions. Shorting type.
275-1385 ... 1.39

Low-Priced Automotive Switches And Under-Dash Panels

(1) **Lighted SPST Switch.** Handle lights when on. *12-volt use only.* Switch rated 20A at 12VDC. 7/16" mtg. hole. 275-706 2.39

(2) **Heavy-Duty Lever Switches.** 20A at 12VDC. 7/16" mtg. hole.
SPST. 275-708, 1.99   DPDT Center Off. 275-710, 2.39
DPDT Momentary. Spring return to center off. 275-709 . 2.79

(3) **16-Amp SPST Version of Fig 2.** 275-701 .... 1.29

(4) **Underdash Mounting Bracket.** Accepts two switches with 7/16"-diameter bushings. 275-705 .... 89¢

Complete Switch Panels. Accept quick-connect (auto-type) spades. Lighted switches include long-life 12-volt bulb. Perfect for switching car accessories. Also useful in 12VDC projects.

(5) **Dual Lighted Flip-Type.** Two SPSTs. Rated 16A at 12VDC. 275-707 .... 5.49

(6) **Lighted Rocker-Type.** SPST. Rated 25A at 12VDC. 275-704 .... 4.49

(7) **Single Lighted Flip.** SPST. 20A/12VDC. 275-703 .... 3.29

(8) **Dual Flip-Type.** SPST. 20A/12VDC. 275-702 .... 3.19

## Rocker Switches

NEW FOR 89

(1) **NEW! Illuminated 12-Volt SPST.** *For 12-volt use only.* Includes premounted bulb. Rated 15A at 12VDC. Snaps into 7/16 x 1" panel hole. 275-685 .... 89¢

(2) **NEW! Illuminated AC SPST.** Premounted neon lamp. Rated 15A at 125VAC. For 15/32 x 7/16" hole. UL. 275-686 ...... 79¢

(3) **NEW! Economy SPST.** Rated 6A at 28VDC. Snaps into 15/32 x 7/16" hole. 275-687 .... 59¢

(4) **Heavy-Duty SPST.** Rated 6A at 125VAC. Body: 1¾ x ¾ x 1⅜". Mounts in ¾" diameter hole. 275-690 ...... 1.99
DPDT Version of Above. 275-691 .... 2.59

Get on Board With Our Printed Circuit Supplies

Plug-Ins and Perfboards
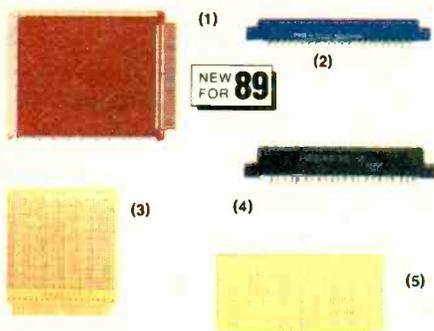
(1) NEW! 72-Position Plug-In Board. 4 1/2 x 5 11/16", predrilled, with popular .100" contact centers. 276-192 .... **4.99**

(2) NEW! 72-Position Card-Edge Connector for Above. Mountable on standard IC-spaced PC board. 276-1452 .... **4.59**

(3) 44-Position Plug-In Board. 4 1/2 x 4" with 1/16" grids. Three buses. 276-154 .... **3.49**

(4) 44-Position Card-Edge Connector for Figure 3. Solder-tail type. 276-1551 .... **2.99**

(5) IC-Spacing Perfboard. Have .042" prepunched holes in standard .100 x .100" grid.

| Size	Cat. No.	Each
2 3/4 x 6"	276-1395	1.79
4 1/2 x 6"	276-1394	1.99
6 x 8"	276-1396	2.99

Predrilled Boards
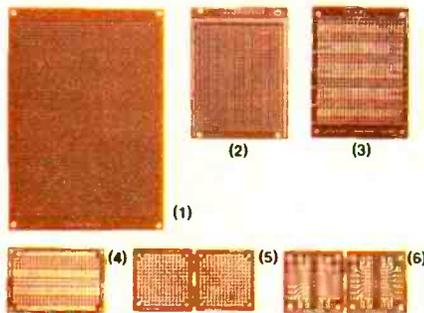
(1) Grid Boards. Accept DIP ICs, sockets and headers. Columns and rows are indexed to identify component pin outs. Solder-ringed holes.

Size	Holes	Cat. No.	Ea.
4 1/2 x 6 5/8"	2200	276-147	3.79
2 3/4 x 3 3/4"	750	276-158	2.29
1 27/32 x 2 27/32"	356	276-149	.99

(2) Universal PC Board. Accepts ICs up to 40 pins. Has a total of 750 indexed, solder-ringed holes, two buses, one grounding strip. 3 3/8 x 2 7/8". 276-168 .... **2.29**

(3) IC/LSI Board. For LSI ICs up to 40 pins. Has 750 solder-ringed holes, indexed on both sides. DIP centers. 2 11/16 x 3 3/4". 276-162 .... **2.29**

(4) Multipurpose Board. Two bus strips at the center. PC pattern printed on component sides speeds building. 417 solder points. 1 27/32 x 2 27/32". 276-150 .... **99¢**

(5) Dual Mini General-Purpose Board. 213 holes. 1 3/4 x 3 5/8". Can be snapped in half. 276-148 .... **1.39**

(6) Dual IC Board. Accepts two 6 to 20-pin DIPs. Four connecting points for each IC pin. 1 3/4 x 3 5/8". 276-159 .... **1.49**

Etch Your Own PC Boards
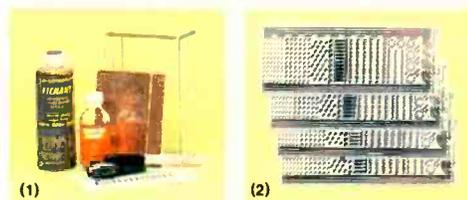
(1) PC Board Kit. Includes two 4 1/2 x 3" copper-clad boards, resist-ink pen, solvent, etchant, layout strips/circles, tank, 1/16" drill bit, instructions. 276-1576 .. **9.95**
Extra Pen. 276-1530 .... **1.79**
Extra Etchant. 16 ounces. 276-1535 .... **2.69**
(2) Direct-Etch Dry Transfers. Rub-on circles, strips, IC pads. 276-1577 .... **Four Sheets 2.99**

PC Board Accessories

(1) PCB Standoffs With Screws. 11/16"-high metal studs hold boards in place. Metal construction permits easy grounding when used with a metal chassis. 276-195 .... **Set of 4/99¢**
(2) PC Board Wire Terminals. Two-position. For reliable PC board interconnects. 276-1388 .... **Pkg. of 4/1.99**
(3) Circuit Symbols Template. Durable guide helps you draw accurate and easy-to-read schematic diagrams. 276-180 .... **3.95**

Protect and Beautify Your Project—Radio Shack Has the Enclosure

Professional Project Case

NEW FOR 89

4⁹⁹

Versatile Two-Piece Design
Polycarbonate material is impact resistant yet easily drilled to mount switches, connectors and indicators. Accepts standard 1.5 mm PC board and 9V battery. Interlocking design makes it easy to shorten to any desired length. 5 5/8 x 2 1/4 x 1 1/16". 270-257 .... **4.99**

Deluxe Boxes
Steel, modern low-profile styling. With hardware and rubber feet.

Size	Cat. No.	Each
1 15/16 x 8 1/4 x 6 1/8"	270-272	8.49
3 1/16 x 8 1/4 x 6 1/8"	270-274	10.49

Low As 8⁴⁹

Aluminum Boxes

Size	Cat. No.	Each
2 3/4 x 2 1/8 x 1 5/8"	270-235	1.79
4 x 2 1/8 x 1 5/8"	270-239	1.99
5 1/4 x 3 x 2 1/8"	270-238	2.49

Low As 1⁷⁹

Metal Cabinet
Two-piece enclosure has a vented steel top, easy-to-work aluminum front, back and bottom. Rubber feet. 3 x 5 1/4 x 5 7/8". 270-253 .... **5.79**

5⁷⁹

Hobby Boxes

Size	Cat. No.	Each
3 1/4 x 2 1/8 x 1 1/8"	270-230	1.69
4 x 2 1/8 x 1 5/8"	270-231	1.89
5 1/16 x 2 5/8 x 1 5/8"	270-233	2.19
6 1/4 x 3 3/4 x 2"	270-627	2.59
7 3/4 x 4 3/8 x 2 3/8"	270-232	3.39

Low As 1⁶⁹ Alum. Covers

Transmitter Case

3⁹⁹ **NEW FOR 89**

Durable molded case features a removable end panel and a compartment for 9V battery with slide-on cover. Perfect housing for an RF or infrared transmitter, beeper or small portable device. 3 3/4 x 2 5/16 x 1". 270-293 .... **3.99**

Box 'n Board
Just Add Your Circuit
Includes a 2 x 3 1/8" printed circuit board, predrilled to accept DIP ICs. Molded enclosure is 3 7/16 x 2 5/16 x 1 3/16". Includes labels, protective feet and assembly hardware. 270-291 .... **4.49**

4⁴⁹

Economy Cases

Size	Cat. No.	Each
4 x 2 x 1 3/16"	270-220	1.79
4 x 2 7/16 x 1 1/16"	270-221	1.99
4 3/4 x 2 1/2 x 1 1/16"	270-222	2.39
6 x 3 3/16 x 1 7/8"	270-223	2.89
7 1/2 x 4 1/4 x 2 1/4"	270-224	3.19

Low As 1⁷⁹ Styrene. Internal slots for board.

Project Labels Made Easy!
Four 7 7/8 x 3" sheets of rub-on letters, symbols and calibration marks. For plastic and metal surfaces. 270-201 .... **Set 2.99**

Case/PC Combos
Sensational value! Each includes a PC board with IC grid pattern, aluminum cover and vinyl feet.

Size	Cat. No.	Each
3 3/4 x 2 1/8 x 1 3/8"	270-283	3.99
4 1/8 x 2 3/4 x 1 9/16"	270-284	4.99

Low As 3⁹⁹

Instrument Case
A Great Finishing Touch
Just right for frequency counters, meters, preamps and power supplies—front panel is elevated for easy viewing on desk or bench. Vented top, internal slots for PC boards. Flame-retardant plastic construction with a steel back panel predrilled for power cord. 5 5/8 x 5 1/8 x 2 7/8". 270-250 .... **4.99**

Only 4⁹⁹

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Hookups for Computers, Audio and Power

RS232 Mini Tester And Surge Absorber
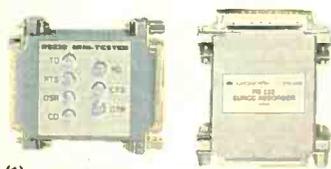
(1) **14⁹⁵**   (2) **16⁹⁵**

(1) **RS232 Mini Tester.** The easy way to diagnose interface problems. Dual-color LEDs indicate status of TD, RTS, DSR, CD, CTS and DTR lines. Connects inline. 276-1401 . . . . . **14.95**

(2) **RS232 Spike Protector.** AC line protection is not enough! Install this transient protector at each RS232 port to stop spikes cold. Shielded. 276-1402 . . . . **16.95**

D-Sub and IDC Tools

(1) **9⁹⁵**   (2) NEW FOR 89 **12⁹⁵**
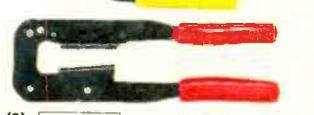
(1) **NEW! D-Sub Pin Crimping Tool.** For speedy, damage-free installation of crimp-type D-Sub connector pins on wires. Professional-grade steel tool accepts #20, #24 and #28 pins and has thick cushion handle grips. 6⅞" long. 276-1595 . . . . **9.95**

(2) **NEW! IDC Connector Tool.** Built-to-last steel tool gives you reliable hookup for IDC-type connectors with flat cables. Thick cushion grips. 9¹³⁄₁₆" long. 276-1596 . . . . **12.95**

D Subminiature Connectors and Hoods

(1) NEW FOR 89

(1) **NEW! Crimp With Gold-Plated Contacts.** High quality! Assure trouble-free connections.

Positions	Type	Cat. No.	Each
9	Male	276-1427	99
9	Female	276-1428	1 19
25	Male	276-1429	2 49
25	Female	276-1430	2 99

(2) **NEW! High-Density 15-Position Crimp.** Same "footprint" as 9-position D-sub connectors and accept same hoods. High-quality gold-plated contacts.

Type	Cat. No.	Each
Male	276-1418	4 49
Female	276-1419	4 99

Fig.	Pos	Solder-Type	Cat. No.	Each
3	9	Male	276-1537	1 49
	9	Female	276-1538	2 49
	25	Male	276-1547	1 99
	25	Female	276-1548	2 99

(4) **Metalized Plastic Hoods.** Shielded.
NEW! 9-Pos./HD 15-Pos. 276-1513 . . . . . **1.49**
25-Position. 276-1536 . . . . **1.99**
25-Pos. Multipurpose. Use as standard hood or null modem foundation. 276-1520 . . . . **1.79**

Standard Hoods (Not Shown)	Cat. No.	Each
9 and High-Density 15	276-1539	1 19
25	276-1549	1 29

Connectors for Computers and Peripherals

(1) **Six-Pin DIN Plug.** Fits joystick port of Color Computer. Use with inline DIN jack to make joystick extension cord. 274-020 . . . . **1.79**
Five-Pin DIN Plug. 274-003 . . . . **1.69**
Four-Pin DIN Plug. 274-007 . . . . **1.59**

(2) **Six-Pin Inline DIN Jack.** 274-021 . . **1.59**
Five-Pin Inline DIN Jack. 274-006 . . . . **1.59**

(3) **36-Position Printer Connector.** Solder-type connector for parallel (Centronics) printers. 276-1534 . . . . . . **4.99**

(4) **RS-232 Modular Jack Adapter.** 25-position D-Sub male to 6-position modular phone jack. Use phone cable to connect computer equipment. Connects to up to six RS-232 lines of your choice. 276-1405 . . . . **2.99**

Solderless Connectors and Ribbon Cable
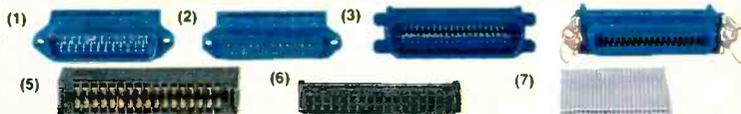
Fig.	Description	Cat. No.	Each
1	D-Sub 25 Male	276-1559	3.99
2	D-Sub 25 Female	276-1565	3.99
3	36-Pos. IDC Male	276-1533	4.99
4	36-Pos. IDC Female	276-1523	4.99

(5) **NEW LOW PRICE! 34-Position Card-Edge Connector.** For disk drives. $3.95 in '88 cat. 276-1564 . . . . **2.99**

(6) **34-Position Header Connector.** Fits parallel printer port of many microcomputers. 276-1525 . . . . **2.49**

(7) **Ribbon Cable.**

Length	Conductors	Cat. No.	Each
5 Feet	25	278-772	3.59
6 Feet	36	278-774	4.69

Speaker Terminals
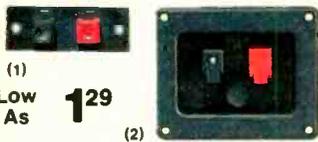
(1) Low As **1²⁹**

(1) **Two-Position Pushbutton Terminals.** Spring-action insertion/release. 2⅛ x ¾" board with mounting holes 1⅜" apart. 274-315 . . . . **1.29**
(2) **Terminal Plate.** Just the thing for hi-fi and PA speakers. Spring terminals for wire hookup, plus phono jack. 274-625 . . . . **1.99**

Pushbutton Terminals

Low As **1¹⁹**

Fast and Secure!

Eight-Position. Spring-action lever for quick hookup and positive contact. Mounting holes 1⅜" apart. 274-623 . . . . **2.79**
Four-Position Version of Above. Holes 2⅜" apart. 274-622 . . . . **1.79**
Two-Position. 274-621 . . . . **1.19**

Cord Connectors

Plug   **Socket**

Low As **1⁷⁹** Each   **Heavy-Duty Power Type**

Polarized to assure correct hookup. Rated 7.5 amps, 500V max. per pin.

Type	Pins	Cat. No.	Ea.
Plug	2	274-201	1.79
Socket	2	274-202	1.89
Plug	4	274-204	1.79
Socket	4	274-205	1.89

Locking Connectors

Low As **99¢** Pair

Female   Male

8A/125VAC Per Circuit.

No. of Pins	Type	Cat. No.	Ea.
4	Male	274-224	1 09
6	Male	274-226	1 39
9	Male	274-229	1 59
12	Male	274-232	1 69
4	Female	274-234	1 09
6	Female	274-236	1 39
9	Female	274-239	1 59
12	Female	274-242	1 69

Two-Pin Male/Female Set. 274-222 . . . . **Pair/99¢**

DC Power Connectors

(1) NEW FOR 89   (2)   (3)

(1) **NEW! Heavy-Duty Metal DC Power Jack.** 5.5 mm outside diameter, 2.1 mm I.D. ⁷⁄₁₆"-mtg. hole. 274-1563 . . . . **1.59**
(2) **Molded DC Power Jack.** 5.0 mm O.D., 2.1 mm I.D. 274-1565 . . . . **Pkg. of 2/1.29**
(3) **Coax Plugs.** Ideal for changing AC adapter terminations.

| 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

Safety Barrier Strips
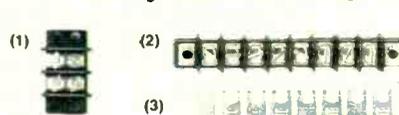
(1) **Dual-Row.** Barriers help prevent accidental contact and short circuits. Great for security systems.

Positions	Cat. No.	Price
2	274-656	2 for 1.29
4	274-658	1.49 Each
6	274-659	1.59 Each
8	274-670	1.99 Each

(2) **Feedthrough Barrier Strip.** Eight screw terminals with ³⁄₁₆" solder tabs on rear. 274-653 . . . . **2.19**
(3) **Eight-Position Jumper.** Connects all terminals of #274-670/653. Can be cut. 274-650 . . . . **1.59**

Terminal Strips

NEW FOR 89

(1) **NEW! 12-Position "Jumbo" European-Style Barrier Terminal Strip.** Each position accepts two wires, up to 8-gauge. 5⁹⁄₁₆" long. 274-677 . . . . **3.99**
(2) **8-Position Standard European-Style Terminal.** 3⅛" long. 274-678 . . . . **1.89**
12-Pos. Standard Euro Terminal. 274-679 . . . . **2.29**
(3) **Two Screwdriver Terminals With Phono Jack.** 2⅜" long. 274-620 . . . . **Pkg. of 2/1.29**
(4) **Two Screwdriver Terminals.** 1¹¹⁄₁₆" long. 274-653 . . . . **Pkg. of 2/99¢**
(5) **Five-Lug Tie Points.** For chassis mounting. Phenolic. ³⁄₈" centers. 274-688 . . . . **Pkg. of 4/89¢**

Make it Safe With Archer® Fuses and Holders

Automotive Fuses

(1) **(2)**

(1) **Glass-Type Fuse Kit.** Includes 10 of the most used values: two SFE-20, one each of AGC 3, 10, 15, 25, 30; plus one each of SFE 7½, 9 and 14. 270-1262 . . . . Set /1.89
(1) **SFE-Type.** 1¼ x ¼"-dia. glass . . . . . Pkg. of 3/79¢

Amps	Cat. No.	Amps	Cat. No.	Amps	Cat. No
10	270-1279	15	270-1280	20	270-1268

(2) **"Blade"-Type Fuse Kit.** Includes one each: 5, 7½, 10, 15 and 20 amps. Color coded. 270-1201 . . Set of 5/1.59
(2) **"Blade"-Type Automotive Fuses** . . Pkg. of 2/89¢

Amps	Cat. No.	Amps	Cat. No.
5	270-1205	20	270-1208
10	270-1207	30	270-1209
15	270-1212	—	—

(1)   (2)
(3)   (4)   (5)

UL Recognized

(1) **Fast-Acting, 1¼ x ¼"** . . . . Pkg. of 3/79¢

Amps	Cat No	Amps	Cat No	Amps	Cat No
¼	270-1270	2	270-1275	6	270-1252
½	270-1271	2½	270-1260	7	270-1253
¾	270-1272	3	270-1276	8	270-1254
1	270-1273	4	270-1277	—	—
1½	270-1274	5	270-1278	—	—

(2) **Slow-Blow, 1¼ x ¼"** . . . . Pkg. of 2/1.29

Amps	Cat. No.	Amps	Cat. No.
½	270-1282	4	270-1289
1	270-1283	5	270-1287
1½	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

(3) **Ceramic Fuses.** For microwaves . . . . Pkg. of 2/1.29

Amps	Cat. No.	Amps	Cat. No.
10	270-1256	15	270-1257
		20	270-1258

(4) **Fast-Acting, 5 x 20 mm** . . . . Pkg. of 2/79¢

Amps	Cat. No.	Amps	Cat. No.
0.315	270-1249	2	270-1244
½	270-1241	2½	270-1245
¾	270-1242	3	270-1246
1	270-1250	4	270-1247
1½	270-1243	5	270-1248

(5) **Slow-Blow, 5 x 20 mm** . . . . Pkg. of 2/1.19

Amps	Cat. No.	Amps	Cat. No.
0.5	270-1169	3.15	270-1173
0.75	270-1170	4	270-1174
1	270-1171	5	270-1175
2	270-1172	6.3	270-1176

Auto Fuse Accessories

(1) **Solderless Fuse Holder.** Accepts ¼"-dia. fuses. Rated 20 amps. 270-1211 . . . . 1.19
(2) **Inline "Blade" Fuse Holder.** 20A. 270-1213 . . . 1.49
(3) **Vehicle Fuse Tester.** Easy! Tests auto fuses without removing them from holder. Indicator lights if fuse is blown. For 12VDC only. 22-1636 . . . . 1.99
(4) **Fuse Inserter/Extractor.** For damage-free installation and removal of glass and "blade" fuses. 270-1199 . 99¢

Fuse Holders

### Low As 99¢
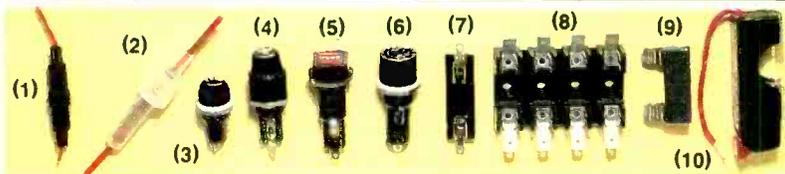
(1) **Inline for 5 x 20 mm Fuses.** 5A/250VAC. UL. 270-1238 . . 1.39
(2) **Inline for 1¼ x ¼" Fuses.** 5A/250VAC. 270-1281 . . . . . 99¢
(3) **Panel-Mount for 5 x 20 mm Fuses.** Rated 10A at 250VAC. Mounts in ½"-diameter hole. UL. 270-362 . . . . 1.49
Figs. 4-10 are for 1¼ x ¼"-diameter fuses.
(4) **Panel-Mount.** Rated 10A at 250VAC. Requires ½"-diameter mounting hole. UL. 270-364 . . . . 1.29
(5) **Square Panel-Mount.** 10A/250VAC. 270-365 . . . . 1.49
(6) **Panel-Mount With Screwdriver Slot.** Rated 10A at 250VAC. UL. 270-367 . . . . 1.79
(7) **Chassis Mount.** 270-739 . . . . Pkg. of 2/99¢
(8) **Four-Position Fuse Block.** Sections can be separated. Accepts quick-connect (auto-type) connectors or can be soldered. Rated 20 amps per circuit. 270-742 . . . . 2.19
(9) **Pigtail Fuse Adapter.** Fast and solderless—speeds TV and hi-fi servicing! Clips over blown pigtail fuse and accepts standard 1¼ x ¼" replacement fuse up to 30 amps. 270-1219 . . . . 1.19
(10) **Speaker Fuse Holder.** Helps prevent overload damage to speaker. Accepts 1¼ x ¼" fast-acting fuse. Includes easy-to-follow formula for calculating proper fuse value up to 3A. 270-1210 . . 1.89

Replacement Antennas For Phones and Portables

Low As 2⁴⁹

(1) **General Purpose**
(2) **Cordless Phone Base**
(3) **Cordless Phone Handset**
(4) **Universal Handset**

Restore original range and performance to cordless phones, walkie-talkies and portable radios, stereos and TVs.

Fig.	Sections	Extends to	Cat. No.	Each
1	5	30½"	270-1401	2.99
1	4	34⅜"	270-1402	3.49
1	3	39½"	270-1403	3.69
1	6	72"	270-1408	3.99
2	5	15½"	270-1406	2.69
3	5	28"	270-1405	2.99
4	5	13"	270-1407	2.69
4	6	17¾"	270-1409	2.49

Molded Battery Holders

270-407

270-386   **270-405**   **270-401**
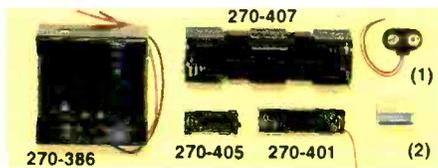
Have color-coded leads except*, which have 9V-type snap.

Holds	Cat. No.	Each	Holds	Cat No.	Each
2 "AAA"	270-398	.69	2 "D"	270-386	1.39
2 "AA"	270-382*	.99	4 "D"	270-396	1.49
4 "AA"	270-383*	.99	4 "D"	270-389	1.49
4 "AA"	270-391	1.19	1 "N"	270-405	.49
8 "AA"	270-387*	1.29	1 "AA"	270-401	.59
8 "AA"	270-407*	1.19	1 "C"	270-402	.69
2 "C"	270-385	1.19	1 "D"	270-403	.79
4 "C"	270-390	1.39	—	—	—

(1) **9-Volt Battery Snap Connector.** For replacement, projects or use with battery models #270-382, #270-383, #270-387 and #270-407, above. 270-325 . . Pkg. of 5/99¢
(2) **9-Volt Battery Holders.** Tame "wild" rectangular batteries! Mount with screw or glue. 270-326 . . . Pkg. of 2/69¢

Hi-Fi Electret Mike Elements

Hi-Fi Response at Low Cost!
(1) **PC-Mount Omnidirectional.** 2-10VDC. 20 to 15,000 Hz. 6.6 mm high. 270-090 . . . . 1.49
(2) **Omnidirectional.** With leads. 4-10 VDC. 30 to 15,000 Hz. ¼ x ⅜" dia. 270-092 . . . . 2.99

Thermal Fuses   1¹⁹ Each

Used as a safety protector in many coffeemakers and other AC-operated heating-type appliances. Rated 240 VAC, 10 amps, maximum.

Breaks Circuit at	Cat. No.
139° C	270-1320
226° C	270-1321

NOTE: A full temperature range of thermal cutouts is available on special order at your nearest Radio Shack.

AC Circuit Breaker

Easy to Install
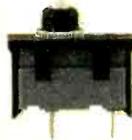
Mounts in single ⅜" hole. Rated 2 amps at 120VAC. Trips within 120 seconds at 3½ amps. 1³/₁₆ x ½ x 1⁷/₁₆". U.L. recognized. 270-1310 . . . . 2.29

AC-Surge Absorbers

Metal Oxide Varistors. Divert power-line voltage "spikes" before they can damage computers, VCRs and other sensitive electronic equipment. Easy to install.
Standard MOV. 276-570 . . 1.59   Heavy-Duty MOV. 276-568 . . 1.99

Panel DC Voltmeter

7⁹⁵   0 to 15 Volts DC

Just right for monitoring car electrical system or power supply voltage. Jeweled movement. Accuracy, ± 5% full scale. 2¾ x 2¼ x 1¼". Requires 1⅞" round mtg. hole. 270-1754 . . . . 7.95

Big Values in Fans, Transformers, Clips

Revolving Credit Available See Page 3

Our Quiet Fans Help Preserve Equipment

Solve Heat Problems in Computers, Audio Amps and Ham Equipment
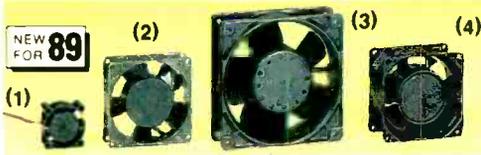
(1) NEW! 12VDC Brushless Micro Fan. Tiny, tough and efficient! Only 1⁹⁄₁₆ x 1⁹⁄₁₆ x 1³⁄₁₆", it's just right for cooling small hot spots in mobile equipment or circuitry that's sensitive to hum and AC fields. Provides up to 4.6 cubic feet per minute airflow. Rated 150 mA at 12VDC. Easy to mount—has 1⁄8"-dia. holes at corners, with centers 1¼" apart. **273-244** **16.95**

(2) 3" Brushless 12VDC Fan. 27 CFM. Ball bearings for low noise. 3⁵⁄₃₂ x 3⁵⁄₃₂ x 1¹⁄₃₂". **273-243** ... **14.95**
(3) 4" 120VAC Fan. 65 CFM. Diecast venturi. 11 watts. 4¹¹⁄₁₆ x 4¹¹⁄₁₆ x 2½". UL recognized. **273-241** .. **18.95**
(4) 3" 120VAC Fan. Ideal for many computers. 32 CFM. 11 watts. 3⁵⁄₃₂ x 3⁵⁄₃₂ x 1½". UL recognized. **273-242** **15.95**

RFI Problem Solvers

(1) NEW! Snap-Together Toroid Choke Core. Easy to install, highly effective. Use to attenuate RFI transmitted through or picked up by phone and power cords, speaker and mike cables, computer ribbon, antenna coax, more. Simply wind cable through core and snap together—no need to remove AC plug or cable termination! Stackable design. 1½ x 1¼ x ⁹⁄₁₆" Opening: ⁷⁄₈ x ³⁄₈". With data and detailed instructions. **273-104** .... **Pkg. of 2/6.95**
(2) 100 µH RF Choke. Rated 2A. **273-102** .... **99¢**
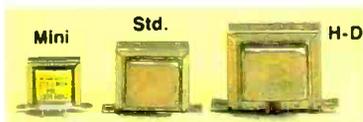
UL Recognized Transformers

For projects or replacement. Mini types may be PC-board mounted. All primaries 120 VAC, 60 Hz. CT indicates center tap.

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	12.6	300 mA	2¹⁄₁₆ x 1 x 1³⁄₁₆	273-1385	3.29
Miniature	12.6 CT	450 mA	1⁷⁄₁₆ x 2³⁄₈ x 1½	273-1365	4.29
Miniature	25.2 CT	450 mA	1¹¹⁄₁₆ x 2¹⁵⁄₁₆ x 1¹⁄₁₆	273-1366	4.59
Standard	12.6	1.2 A	1¹¹⁄₁₆ x 2½ x 1⁷⁄₈	273-1352	5.79
Heavy-Duty	12.6 CT	3.0 A	2¾ x 2¼ x 2	273-1511	7.99
Heavy-Duty	18.0 CT	2.0 A	2¾ x 2¼ x 2	273-1515	8.99
Heavy-Duty	25.2 CT	2.0 A	2¾ x 2¼ x 2	273-1512	8.99

Hobby Motor

High-torque, low-voltage DC motor is suitable for robotics, solar power demos. 8300 RPM max. 1½-3VDC. About 1½" long (including shaft) by ¹⁵⁄₁₆" dia. **273-223** .... **89¢**

Transformers, Inductors

(1) 1:1 Audio Transformer. For phone interconnects, interstage coupling. Z: 600-900Ω. **273-1374** **3.49**
(2) Audio Output. 1000-ohm center-tapped primary. 8-ohm secondary. ¾ x ⅝ x ⅝". **273-1380** **1.49**
(3) Inductor Assortment. 30-piece set! Various RF, IF, video coils, chokes, transformers. **273-1601** **1.98**

Jumper/Test Cables

Insulated Clip at Each End

(1) Set of 10. 14" long. Five different colors. Mini alligator clips. **278-1156** **3.99**
(2) NEW LOW PRICE! Set of Four. 30" long. Four different colors. Std. 1" clips. Was $3.49 in 1988 catalog. **278-001** **2.99**
(3) Set of Eight. 24" long. Four different colors. Mini alligator clips. **278-1157** **3.99**
(4) Set of Six Heavy-Duty Cables. 40" long. Six different colors. Claw-type clips. **278-002** **3.99**

(1) 2" Slim Clips. Screwdriver terminals. **270-346** .... **Pkg. of 8/2.19**
(2) 1³⁄₈" Claw Clips. Screwdriver terms. Open to ⁵⁄₁₆". **270-345** .... **Pkg. of 8/1.99**
(3) 1¹⁄₈" All-Purpose Micro Clips. Copperplated, non-serrated ends. Open to ¼". **270-373** .... **Pkg. of 10/1.89**
(4) 1¼" Mini Clips. Rated 1 amp. Open to ³⁄₁₆". **270-380** .... **Pkg. of 12/1.69**

Non-Insulated Clips

Gold-Plated Clips

Top Performance and Appearance!
(1) 2" Alligator. Screwdriver terminals. Open to ³⁄₈". **270-350** ..... **Pkg. 4/2.99**
(2) NEW! 1³⁄₄" Claw. Screw terms. Open to ³⁄₁₆". **270-351** .... **Pkg. of 4/2.99**

Banana Plugs, Binding Posts, Test Clips

(1) Solderless Banana Plugs. Fit standard banana jacks. 2" long. Includes one red, one black. **274-721** .... **Set of 2/1.59**
(2) Flexible Banana Plugs. Cantilevered prongs, flexible strain relief. Solder type. One red, one black. **274-730** .... **Set of 2/1.69**
(3) Banana Jacks. Mount in ¼" hole with included fiber washers, solder lugs. One red, one black. **274-725** ...... **Set of 2/79¢**
(4) Multipurpose Posts. Versatile—accept banana plugs, spades, phone tips, wires. Two red, two black. **274-661** .... **Set of 4/1.99**
(5) Nylon Binding Posts. For ³⁄₁₆" mtg. holes. Accept up to 14-ga. wire. One red, one black. **274-662** ...... **Set of 2/1.59**
(6) Micro Flat Test Clips. 90° hook bend make these ideal for IC testing. 1¹¹⁄₁₆" long. One red, one black. **270-336** .... **Set of 2/1.19**
(7) Rainbow Pack of Micro Test Clips. Four different colors—use when you need more than red and black. Spring-action hook-type clips. 1½" long. **270-355** .... **Set of 4/2.69**
**(8) Mini Test Clips.** 2⅛" long hook-type clips. One red, one black. **270-372** .... **Set of 2/1.89**

Car Battery Clips

(1) 50-Amp. 4½" long, open to 1¹⁄₈". One red, one black. **270-342** ... **Set of 2/2.49**
(2) 30-Amp. 3³⁄₈" long, open to 1¹⁄₈". One red, one black. **270-343** .... **Set of 2/1.99**
(3) 10-Amp. 2¼" long, open to ⁷⁄₈". One red, one black. Solder or crimp connection. **270-344** .... **Set of 2/1.79**
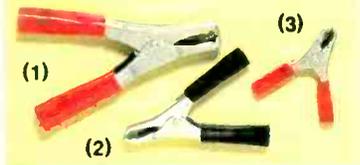
Insulated Clips

(1) 1³⁄₈" Mini Clips. Screwdriver terminals. Open to ¼". Six red, six black. **270-1545** .. **Set of 12/2.59**
(2) 1¼" Mini Clips. Crimp fins. Open to ³⁄₁₆". Four different colors. **270-378** ... **Set of 10/1.59**
(3) 2⅝" Heavy-Duty Claw Clips. Rated 10 amps. Screwdriver terminals. Open to ½". Two black, two red. **270-349** .... **Set of 4/1.99**
(4) 1³⁄₈" Micro Clips. Brass plated. Open to ³⁄₁₆". 5 red, 5 black. **270-1540** ...... **Set of 10/2.49**
(5) 1³⁄₈" Mini 'Gator Clips. 270-374 .. **Set of 10/1.49**
(6) 2¼" 'Gator Clips. 270-347 ..... **Pkg. of 10/1.99**
(7) 2¼" 'Gator Clips. 270-375 ..... **Set of 10/2.39**
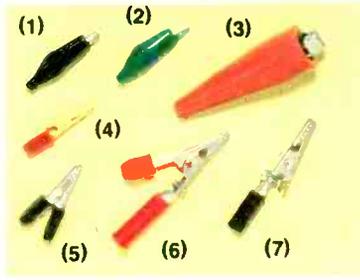
SEE OUR VALUE-PACKED LINE OF TEST EQUIPMENT AND ACCESSORIES ON PAGES 134-135

Radio Shack is Wire and Cable Headquarters

(1) (2)
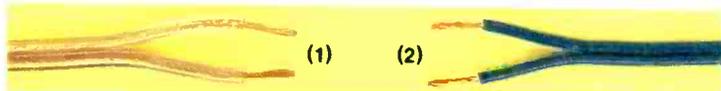
Two-Conductor Speaker Wire

(1) Low-loss all-copper conductors with color coding for easy polarity identification. Clear plastic insulation.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	2.99
Medium Clear	22 Stranded	100	278-1385	4.99
Standard Clear	20 Stranded	75	278-1388	5.59
Low-Loss Clear	18 Stranded	30	278-1602	3.49
Low-Loss Clear	18 Stranded	60	278-008	5.99
Low-Loss Clear	16 Stranded	50	278-1267	6.99

Zip Cord Bargains

(2) Two-conductor stranded copper wire with plastic insulation. Top quality, low price!

Gauge	Feet	Cat. No.	Each
24	50	278-1301	2.79
20	30	278-1265	2.99
20	100	278-1387	6.29
18	30	278-864	2.79
18	100	278-1264	8.49
16	30	278-1263	4.49
16	100	278-1384	12.95

Speaker MEGACABLE™

99¢ Per Foot   NEW FOR 89

Our Finest-Ever Speaker Cable

Features 12-gauge braided *pure* copper conductors enclosed in tough clear plastic insulation. Embedded red stripe for polarity ID. 9/16" wide. Great for high-power audio. 278-1268 .. Per Foot 99¢

CB/Ham Mike Cable

NEW FOR 89

6⁴⁹

Coiled extra-durable cable is specially designed for communications use. Has four color-coded conductors (one is shielded). Extends to five feet.
278-355 .... 6.49

Wire Accessories—Neater Wiring Made Easy!

NEW FOR 89   NEW FOR 89   (6) (7) (8)
(2)
(3)   (9)
                          (10)   (12)
(4) (5)   (11) (13)   (15)
                                         (14)
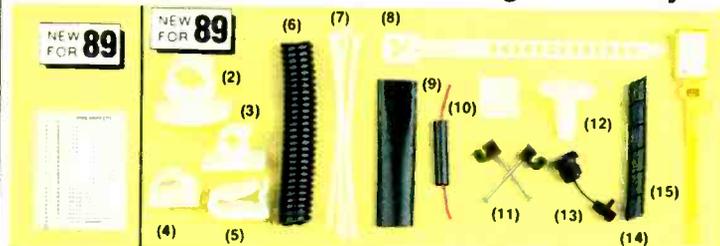
(1) NEW! Wire Markers. Two sheets of "peel and stick" letters and numerals let you organize, identify and add "pro" appearance to any wiring job. Total of 630 characters.
278-1650 .... Set/1.79

(2) NEW! "Jumbo" Cable Clips. No more drooping cables! Locking clips accept coax and other cables up to 5/8" diameter. Adhesive backing adheres to any smooth, non-porous surface. 278-1641 .... Pkg. of 3/1.79

(3) Standard Cable Clips. For cables up to 3/8" diameter. 278-1640 ...... Pkg. of 10/2.49

(4) Adjustable Wire/Cable Clips. For cables up to 1/2" dia. 278-1639 .. Pkg. of 10/2.19

(5) Universal Cable Clips.
278-1647 .... Pkg. of 10/2.79

(6) Split Loom Tubing. Gathers loose wires into a neat bundle. Five-foot length. 1/2" diameter. 278-1624 .... 3.99

(7) 4" Wire Ties. Unbreakable nylon. Self-locking. 278-1632 .... Pkg. of 30/1.59
5" Wire Ties. 278-1631 .... Pkg. of 30/1.99
8" Wire Ties. 278-1642 .... Pkg. of 30/2.99

(8) AC Cord Ties. 278-1646 .. Pkg. of 6/49¢

(9) Heat Shrink Tubing. Shrinks to half original diameter when heated. 1/16 to 1/2" sizes. UL.
278-1627 .... Pkg. of 7/1.79

(10) Wire-Tie Mounts. Self-adhesive. 3/4 x 3/4".
278-441 .... Pkg. of 10/1.29

(11) Coax Clips. Slip over cable and nail to wall to keep cable in place.
For RG58/U. 20-192 .... Pkg. of 10/89¢
For RG8/U. 20-193 .... Pkg. of 6/89¢

(12) Cable Feedthrough Bushing. For neater through-wall installation of coax cables.
For RG6 and RG8M. 278-1644 .. Pkg. of 2/49¢
For RG59, RG58, RG62. 278-1643 .. Pkg. of 2/49¢

(13) Strain Reliefs. Absorb pull and twist to minimize cable damage. Four SPT1, two SPT2 types. 278-1636 .... Set of 6/69¢

(14) Spiral Wrap. Neatly bundles loose wire. 3/8" diameter. 10 feet. 278-1638 .... 1.79

(15) Cable Tie/Marker. Makes it easy to identify wiring. Attaches to cables up to 5/8" diameter. 278-1648 .... Pkg. of 10/2.49

Single Spools, Single Color

(1)
(2)

Fig	Type	Ga.	*Ft.	Cat. No.
1	Solid	18	60	278-1291
2	Stranded	18	55	278-1292
2	Stranded	20	75	278-1293
1	Solid	20	80	278-1294
1	Solid	22	100	278-1295
2	Stranded	22	90	278-1296

*Total footage. Colors vary.

Hook-Up Wire Packs

2⁹⁹ Each Solid or Stranded

3 Spools, 3 Assorted Colors

Fig	Type	Ga.	*Ft.	Cat. No.
1	Solid	18	60	278-1302
2	Stranded	18	45	278-1303
2	Stranded	20	60	278-1304
1	Solid	20	75	278-1305
1	Solid	22	90	278-1306
2	Stranded	22	75	278-1307

*Total footage. Colors vary.

Shielded Cable
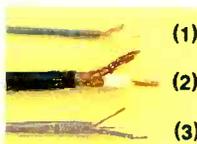
(1) Low As
(2) **2⁹⁹**
(3) 20 Feet

For mikes, audio and communications equipment. Figs. 1 and 2 have braided shield. Fig. 3 has spiral-wrap shield.

Fig	Description	Feet	Cat. No.	Each
1	Miniature	30	278-752	3.29
2	Heavy-Duty	40	278-751	6.19
2	Standard	20	278-1277	2.99
3	Two Conductor	50	278-1275	5.19
3	Two Conductor	20	278-1276	2.99

AC Power Cords

(1) (2) (3) (4)
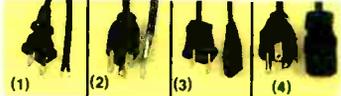
■ 6 Feet Long ■ UL Listed

(1) Replacement Line Cord. Molded two-prong AC plug at one end, stripped leads at the other. 18-gauge conductors. 278-1255 .. 99¢

(2) With Three-Prong Plug. Grounded plug to stripped leads. 18-gauge conductors. Handles up to 10 amps at 125VAC. Tough, long-lasting SVT jacket. 278-1258 .... 2.99

(3) With Connector. Two-prong AC plug to female connector that fits many tape recorders, radios and portables. 278-1256 .... 1.79

(4) With "Business Machine" Connector. Three-prong AC plug to CEE-style connector that fits many computers, printers, calculators, office machines. 278-1257 .... 3.99

Telephone Cable

(1) (2) (3)
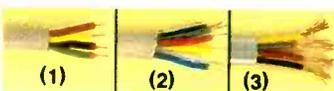
(1) 4-Conductor Cable. Solid 24-gauge copper conductors, color coded.
50 Feet. 278-372 .... 5.49
100 Feet. 278-373 .... 10.95
4-Conductor Bulk. Sold by the foot.
278-1320 .... Price Per Foot/14¢

(2) 6-Conductor. For telephones and alarms. 100 Feet. 278-374 ...... 13.95

(3) Modular Cable. Four conductors, 26-gauge, color-coded insulation.
50 Feet. 278-365 .... 5.49
100 Feet. 278-366 .... 10.98

Bonded 2-Conductor

18-gauge stranded. 25 feet. Red and black insulation. 278-1250 ...... 3.29

Test-Probe Wire

Flexible plastic insulation. 20-gauge stranded copper. 25 feet long.
Red. 278-553 .... 1.99
Black. 278-554 .... 1.99

Solid Bus Wire

50 Feet. Pretinned 24-gauge bare copper wire on spool.
278-1341 .... 1.79

Magnet Wire

Three-spool set: 40-ft. of 22-ga., 75-ft. of 26-ga., 200-ft. of 30-ga.
278-1345 .... 4.79

Intercom Cable

24-Gauge Conductors

Stranded 3-conductor, 50 feet. Flexible plastic jacket. Color-coded insulation.
278-371 .... 4.39

Heavy-Duty Wire

12-gauge, 20-foot length.
Red. 278-1289 .... 2.99
Black. 278-1280 .... 2.99

Rainbow Wire

Colors may vary from photo

Flexible flat cable for low-voltage hook-ups. Solid 24-gauge copper.
2-Conductor, 35 Ft. 278-755 ... 2.39
4-Conductor, 25 Ft. 278-757 ... 2.39

SW Antenna, Accessories

(1) (2) (3) (4)

(1) (3) Complete Shortwave Antenna Kit. Includes 75 feet of copper antenna wire, 50 feet of lead-in wire, window feed-through and insulators.
278-758 .... 8.49

(2) Heavy-Duty Antenna Wire. 70 feet of high-strength, seven-strand, 14-gauge bare copper wire. Perfect for constructing Ham and SWL antennas.
278-1329 .... 4.99

(3) Insulators. Strong, low-loss material. For antenna center and end insulators or guy wire installation.
278-1333 .... Pkg. of 2/69¢

(4) TV/RF Connector Sealant Tape. Protects outdoor connections against damaging moisture and dirt. Waterproof, non-corrosive material remains flexible. 60" long. 1/2" wide. 278-1645 .... 2.49

TNC Connectors

(1) Solderless Male. For RG-58 Cable
278-140 .... 1.99
(2) Right Angle. Female to male. Avoids cable kinks. 278-141 .... 2.99
(3) Coupler. Female to female.
278-142 .... 1.99

RF Connectors and Adapters

(1) SO-239 Chassis Mount Socket. UHF-type. 278-201 .... 1.49
(2) Solderless PL-259 Plug. For RG58 cable
278-196 .... Pkg. of 2/2.19
(3) Solder-Type PL-259 Plug. 278-205 ...... Pkg. of 2/1.99
(4) UG176/U Reducer. For RG59 cable. 278-204 ..... Pkg. of 2/99¢
UG175/U Reducer. For RG58 cable. 278-206 ...... Pkg. of 2/99¢
(5) Solderless PL-259 Connector for RG59 and RG8/M Coax. Twists onto cable. 278-191 .... 1.29
(6) Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact maintains impedance. 278-202 .... 1.79
Inline Splicer for RG59. 278-203 .... 1.79
(7) M-359 Right-Angle Adapter. SO-239 socket to PL-259 plug.
278-199 .... 2.49
(8) M-358 T Adapter. Two SO-239 sockets to PL-259 plug. Useful for beam antenna phasing lines. 278-198 .... 3.49
(9) PL-258 Coupler. Joins two PL-259 plugs. 278-1369 .... 1.69
(10) Double PL-259 Adapter. Joins two SO-239 connectors. For use with inline TVI filters. SWR meters, antenna switches 278-192 .... 2.19
(11) Solderless Phono Plug. Handy for video and RF applications. For RG59 and RG62 coaxial cables. 278-189 .... 1.99
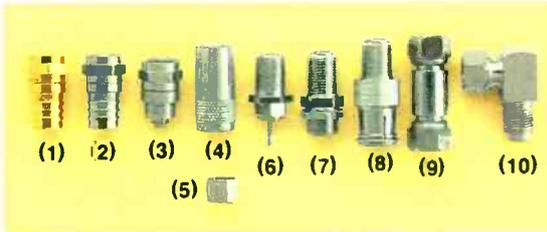
75-Ohm TV/FM Antenna Connectors

(1) Gold-Plated, Type CF-59. For RG-59/U cable. Long ½" crimping ring for extra holding power. 278-224 .... Pkg. 2/1.99
Gold-Plated, Type CF-56. Above for RG-6/U and "Aluminax"-type coaxial cables. 278-225 .... Pkg. 2/1.99
(2) Type CF-59. For RG-59/U cable. 278-222 .... Pkg. of 2/99¢
Type CF-56. For RG-6/U and "Aluminax" cables.
278-223 .... Pkg. of 2/99¢
(3) Type F-59. For RG-59/U cable used in TV antenna systems
278-211 .... Pkg. of 2/99¢
Type F-56. For RG-6/U and "Aluminax" cables.
278-214 .... Pkg. of 2/99¢
(4) F-59 Solderless Push-On Connector. For RG-59/U cable.
278-215 .... 99¢
(5) F-59 Crimp Rings. 278-216 .... Pkg. of 6/49¢
F-56 Crimp Rings. 278-217 .... Pkg. of 6/49¢
(6) F-61 Connectors. Mate with F-59 connector
278-212 .... Pkg. of 2/99¢
(7) F-61 Coupler. Couples two F-59 connectors.
278-213 .... 99¢
(8) Female F Screw-On to Male F Push-On. 278-218 .... 1.49
(9) F Male to Male Adapter. 278-219 .... 1.89
(10) F Female to Male Right-Angle Adapter. 278-221 .... 1.89

BNC Connectors
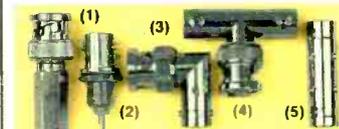
(1) Solderless Type UG-88 Male BNC.
For RG58 Cable. 278-103 .... 2.59
For RG59, RG62. 278-104 .... 2.59
(2) 1094 Female BNC. 278-105 .... 1.39
(3) Type UG-306/U Right-Angle Adapter. BNC male to female. 278-116 .... 4.59
(4) NEW! Type UG-274 BNC T Adapter. Two BNC females to one male. 278-112 .... 3.19
(5) Type UG-306/U Female to Female Adapter. 278-115 .... 2.39

Video/RF Adapters—Connections You Can Count On!

(1) NEW! BNC Male to Motorola-Type Female. For fast hookup of scanners. 278-117 .... 2.49
(2) UG-225/U Adapter. BNC male to SO-239. 278-120, 2.49
(3) BNC Male to Female F. 278-251 .... 2.99
(4) BNC Male to Phono Jack. 278-254 .... 2.49
(5) UG-273/U. BNC female to PL-259. 278-121 .... 2.59
(6) PL-259 Plug to Female F. 278-258 .... 2.99
(7) "Scanner" Coax Plug Adapter. SO-239 to male Motorola-type plug. 278-208 .... 1.79
(8) BNC Female to Phono Plug. 278-250 .... 1.99
(9) BNC Female to Male F. 278-256 .... 2.19
(10) Male F to Phono Plug. 278-253 .... 1.49
(11) 90° Female F to Phono Plug. 278-260 .... 2.79
(12) Male F to Phono Jack. 278-255 .... 1.29
(13) Female F to Phono Plug. 278-252 .... 1.39
(14) Female F to ⅛" Mini Plug. 278-257 .... 1.99
(15) Right-Angle Female F to ⅛" Mini Plug.
278-259 .... 2.69

Ready-to-Use Coax Assemblies
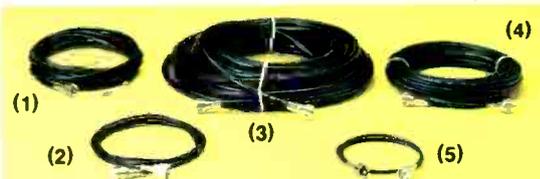
(1) 10-Foot RG-58. PL-259 plug to spade lugs. 278-966 .... 6.39
(2) 6-Foot RG-58. SO-239 socket to PL-259. 278-975 .... 5.29
(3) 50-Foot RG-8. PL-259 plug at each end. Low loss and rugged for heavy-duty use. 278-970 .... 22.95
(4) 20-Foot RG-58. PL-259 plug at each end. 278-967 .... 6.39
50-Foot RG-58. PL-259 plug at each end. 278-971 .... 11.95
(5) 2-Foot RG-58 Patch Cable. PL-259, each end. 278-968 .... 4.29
5-Foot RG-8 Patch Cable. PL-259, each end. 278-969 .... 6.19

Archer® High-Grade Coaxial Cable—Made in Our Factory

Low As **18¢** Per Foot

Made in USA by Radio Shack and the popular choice for Amateur radio, CB, TV and FM use. Features low-loss polyethylene dielectric and all-copper conductors.

| Ohms —	RG Type	OD (in.)	Velocity Factor	Loss Per 100 ft.		Capacitance Per Foot	Center Conductor	Cat. No	Price Per Ft
52	8	.405	66%	50 MHz, 1.7 dB 200 MHz, 3.8 dB	100 MHz, 2.5 dB 400 MHz, 6.5 dB	29 pF	13-ga. 7 × 21	278-1323	40
52	8/M	242	75%	50 MHz, 2.2dB 200 MHz, 4.6 dB	100 MHz, 3.0 dB 400 MHz, 7.5 dB	26 pF	16-ga. 19 × 29	278-1328	25
52	58	196	66%	50 MHz, 4.0 dB 200 MHz, 8.0 dB	100 MHz, 5.3 dB 400 MHz, 12.0 dB	28 pF	20-ga. solid	278-1326	20
75	59	242	75%	50 MHz, 1.8 dB 200 MHz, 3.9 dB 700 MHz, 9.1 dB	100 MHz, 2.8 dB 500 MHz, 7.5 dB 900 MHz, 10.6 dB	15.5 pF	22-ga. solid	278-1327	18
75	6	266	75%	50 MHz, 1.2 dB 200 MHz, 2.7 dB 700 MHz, 6.7 dB	100 MHz, 1.8 dB 500 MHz, 5.1 dB 900 MHz, 8.3 dB	18.6 pF	18-ga. solid	278-1324	20

Crimping Tools and Coax Cutters
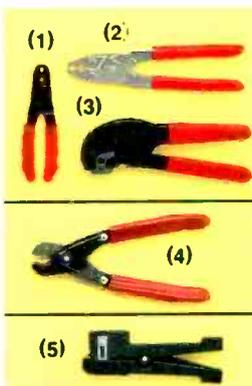
(1) Crimping Tool. For F connectors. (Not for use with our #278-222/223/224/225 connectors.) 278-220 .... 2.19
(2) Heavy-Duty Hex Crimp Tool. For F connectors.
278-242 .... 6.49
(3) Professional Crimp Tool. Our best! Use with #278-222/223/224/225 connectors.
278-243 .... 14.95
(4) Coax Cable Cutter. Blades do not flatten cable. Preserves impedance. 278-244 ... 5.95
(5) Coax Cable Stripper. Adjustable blades give perfect strips with RG6, 59, 58, 8M, 62 and other cables ³⁄₁₆" to ⁵⁄₁₆" dia. 278-240 .... 11.95

We're the Place for Audio Plugs and Jacks

Everything in 1/4," 1/8" and 3/32" Phone Plugs

NEW FOR 89
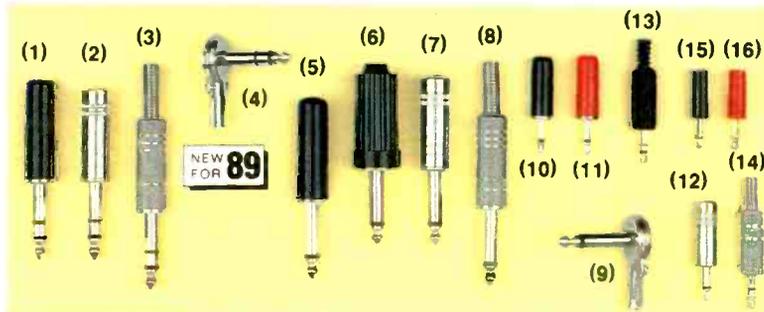
(1) **Three-Conductor (Stereo) 1/4" Plugs.** 1/2"-dia. barrel. **274-139** . . . Pkg. of 2/1.99

(2) **Three-Conductor 1/4" Shielded Plug.** Shield reduces hum. With 1 5/8"-long, nickel-plated barrel. **274-285** 1.59

(3) **Three-Conductor 1/4" Shielded Plug.** All-metal "grip" barrel, spring-coil cable strain relief. **274-1546** 1.99

(4) **NEW! Three-Conductor 1/4" Shielded Right-Angle Plug.** 90° bend saves space, helps reduce cable strain. **274-264** . . 2.49

(5) **Two-Conductor (Monaural) 1/4" Plugs.** Plastic barrel. **274-1536** . . . Pkg. of 2/1.79

(6) **Two-Conductor 1/4" "Big Barrel" Plugs.** Screwdriver terminals. 3/4"-diameter molded barrel. **274-1539** . . . Pkg. of 2/1.99

(7) **Two-Conductor 1/4" Shielded Plugs.** **274-1544** . . . . Pkg. of 2/2.99

(8) **Two-Conductor 1/4" Shielded Plug.** All-metal "grip" barrel, spring-coil cable strain relief. **274-1545** 1.79

(9) **Two-Conductor 1/4" Shielded 90° Plugs.** Space-saving design. Screwdriver terminals. **274-254** . . . . . . Pkg. of 2/1.99

Two-Conductor 1/8" Plugs. 1 5/8" long.
(10) **Black. 274-286** . . . . Pkg. of 2/1.39
(11) **Red. 274-287** . . . . . Pkg. of 2/1.39
(12) **Shielded. 274-288** . . . Pkg. of 2/1.99
(13) **Three-Conductor 1/8" Mini Plugs.** Solder terms. **274-284** . . . . Pkg. of 2/2.19
(14) **Three-Conductor Shielded 1/8" Plug.** Spring strain relief. **274-1547** . . . 1.99

Two-Conductor 3/32" Submini Phone Plugs. Solder terminals. 15/16" long.
(15) **Black. 274-289** . . . . . Pkg. of 2/1.49
(16) **Red. 274-290** . . . . . Pkg. of 2/1.49

Gold-Plated Connectors

NEW FOR 89

- Highest Performance
- Premium Appearance

(1) **Phono Plug. 274-850** 2.49
(2) **Chassis-Mount Phono Jack.** **274-852** . . . . Pkg. of 2/2.49
(3) **Inline Phono Jack. 274-854** . . . 2.99
(4) **Two-Conductor (Monaural) 1/4" Phone Plug. 274-855** 3.49

(5) **Three-Conductor (Stereo) 1/4" Phone Plug. 274-856** 3.99
(6) **Two-Conductor 1/8" Phone Plug.** **274-857** 2.79
(7) **Three-Conductor 1/8" Phone Plug. 274-858** 3.49

Inline Jacks
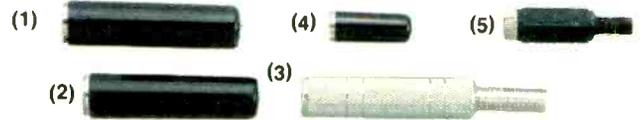
Ideal for Making Your Own Extension Cords

(1) **Two-Conductor (Mono) 1/4" Phone Jacks. 274-340** . . . . . Pkg. of 2/2.19
(2) **Three-Conductor (Stereo) 1/4" Phone Jacks. 274-141** . . . . Pkg. of 2/2.39
(3) **Three-Conductor Shielded 1/4" Phone Jack.** Heavy-duty extra-durable metal type featuring "grip" finish. **274-142** 2.99
(4) **Two-Conductor 1/8" Jacks. 274-333** . . . . Pkg. of 2/1.69
(5) **Three-Conductor 1/8" Jacks. 274-274** . . . . Pkg. of 2/1.79

Open-Frame Jacks

(1) **Two-Conductor (Monaural) 1/4" Open Circuit. 274-252** . . . . . . Pkg. of 2/1.79
Two-Conductor 1/4" Closed Circuit. **274-255** . . . . Pkg. of 2/1.99
Three-Conductor (Stereo) 1/4" Open Circuit. **274-312** . . . . Pkg. of 2/2.19

(2) **Two-Conductor 1/8" Mini Jacks.** Open Circuit. **274-251** . . . Pkg. of 3/1.59
Closed Circuit. **274-248** . . Pkg. of 2/1.69

(3) **Two-Conductor 3/32" Submini Jacks.** Closed circuit. **274-292** . . Pkg. of 2/1.79

Phono Plugs

(1) **Solderless 90°.** Right-angle design saves space, reduces cable damage. Two red, two black. **274-383** . . Set of 4/1.89
(2) **Solderless.** Two red, two black. **274-384** . . Set of 4/1.79
(3) **Color-Coded. 274-321** . . . . . . Pkg. of 8/2.19
(4) **Plastic Grip. 274-319** . . . . . Set of 4/1.79
(5) **Shielded.** Easy to solder. **274-339** . . . . Pkg. of 2/1.59
(6) **Plastic Grip With Strain Relief.** Three black, three red. Long sleeve cuts cable damage. **274-451** . . . . Set of 6/1.99

DIN-Type Connectors

For microcomputers, mikes and European audio equipment. Solder terminals.

Type	Pins	Cat. No	Price
Plug	4	274-007	1.59
Plug	5	274-003	1.69
Plug	6	274-020	1.79
Chassis Jack	5*	274-005	.99
Inline Jack	5*	274-006	1.59
Inline Jack	6	274-021	1.59

*Also accepts 3-pin plugs

Enclosed Jacks
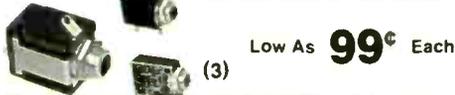
Low As **99¢** Each

Fig.	Size	Cond.	Circuit	Cat. No.	Price
1	1/4"	2	Open	274-280	.99
2	1/8"	2	Open	274-297	2/1.79
2	1/8"	2	Closed	274-296	2/1.89
3	1/8"	3	Open	274-249	2/1.59
3	1/8"	3	Closed	274-250	2/2.19

Values in Phono Jacks
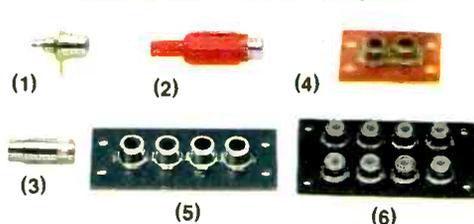
(1) **Shielded.** Fit 1/4" mounting hole. Solder terminals. **274-346** . . . . . . Pkg. of 4/1.99
(2) **Plastic Inline.** Hex-shape. Strain relief, twist-together housing. **274-337** . . . . Pkg. of 4/1.49
(3) **Shielded Inline.** Metal construction cuts hum. **274-338** . . . . Pkg. of 2/1.59
(4) **Dual Phono Jacks.** Chassis-mount for stereo changers, amplifiers, receivers. Each accepts two phono plugs. **274-332** . . . . Pkg. of 2/1.19
(5) **Four-Position Phono Jack Board.** Chassis mount, accepts up to four plugs. **274-322** . . . . 99¢
(6) **Eight-Position Phono Jack Board.** Chassis mount. **274-370** 1.39

"Car Radio" Connectors

(1) **Motorola-Type Plugs.** Fit car radios and many scanners. **274-711** . . . . Pkg. of 2/79¢
(2) **Inline Motorola-Type Jack.** 4 1/2" cable. **274-713** . . 1.39
(3) **Solderless Motorola-Type Plug. 274-709** 1.39
(4) **Solderless Motorola-Type Jack. 274-710** 1.39

Mike Connectors

(1) **Eight-Pin Mike Plug.** Fits many popular Ham transceivers. Great for adding accessories. **274-025** . . 2.19
(2) **Four-Pin Chassis-Mount Socket. 274-002** 1.29
(3) **Four-Pin Plug.** Many communications uses. **274-001** 1.69

Plug and Inline Jack Sets

(1) **Two-Conductor (Monaural) 1/8".** Set includes two plugs, two jacks. **274-283** 4-Piece Set/2.49
(2) **Shielded Phono Plugs and Jacks.** Two phono plugs and two matching jacks suitable for audio and video use. **274-334** 4-Piece Set/1.89

Handy Audio Adapters & XLR Connectors

Headphone and Dubbing Adapters

Adapters on this page provide reliable hookups between different connector formats. Many are Radio Shack exclusives and all (except XLRs) will handle line and speaker-level signals.
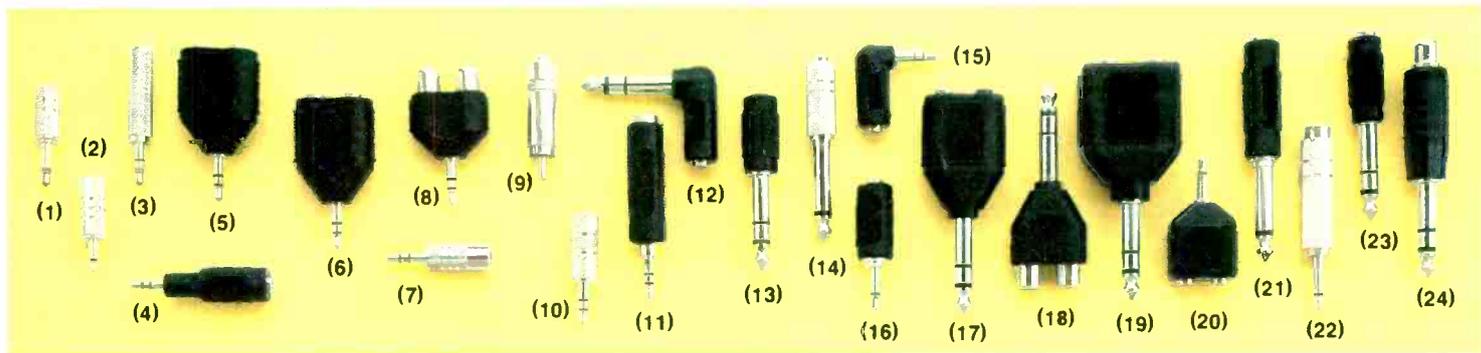

(1) **Accepts 3/32" Stereo Plug. Plugs Into 1/8" Mono Jack.** Use lightweight stereo headsets with monaural scanners, recorders, radios. 274-386 ... 1.99
(2) **Accepts 1/8" Stereo Plug. Plugs Into 3/32" Mono Jack.** 274-381 ... 1.99
(3) **Accepts 3/32" Stereo Plug. Plugs Into 1/8" Stereo Jack.** Use stereo headphones having a 3/32" (submini) plug with stereo portables having 1/8" jack. 274-377 ... 1.89
(4) **Accepts 1/8" Stereo Plug. Plugs Into 3/32" Stereo Jack.** 274-373 ... 2.99
(5) **Accepts Two 1/8" Mono Plugs. Plugs Into 1/8" Stereo Jack.** Use to dub from personal portable stereo to a home deck. Outputs are L/R coded. 274-375 ... 3.39
(6) **Accepts Two 1/8" Stereo Plugs. Plugs Into 1/8" Stereo Jack.** Share your music! Y-adapter lets you use two stereo headsets with one personal stereo. 274-313 ... 3.29
(7) **Accepts Phono Plug. Plugs Into 1/8" Stereo Jack.** 274-378 ... 1.99
(8) **Accepts Two Phono Plugs. Plugs Into 1/8" Stereo Jack.** 274-369 ... 2.49
(9) **NEW! Accepts 1/8" Stereo Plug. Plugs Into Phono Jack.** 274-387 ... 2.19
(10) **Accepts 1/8" Mono Plug. Plugs Into 1/8" Stereo Jack.** Use to dub from monaural portable to a stereo recorder. Combines L/R channels. 274-374 ... 1.69
(11) **Accepts 1/8" Stereo Plug. Plugs Into 1/8" Stereo Jack.** 274-366 ... 1.99
(12) **Accepts 1/8" Stereo Plug. Plugs Into 1/4" Stereo Jack.** Right-angle type. Use "mini" stereo headphones with equipment having 1/4" stereo jacks. 274-371 ... 2.99

(13) **Straight Version of Fig. 12.** 274-367 ... 1.99
(14) **Accepts 1/8" Stereo Plug. Plugs Into 1/4" Monaural Jack.** Use comfortable "mini" stereo headphones with Ham, shortwave, CB and scanner radios. 274-348. 1.99
(15) **Accepts 1/8" Stereo or Monaural Plug. Plugs Into 1/8" Stereo or Monaural Jack.** 90° bend helps prevent cord and jack damage. 274-372 ... 2.49
(16) **Accepts 1/8" Stereo Plug. Plugs Into 1/8" Monaural Jack.** Use stereo headphones with TVs, radios, recorders, walkie-talkies, scanners. 274-368 ... 1.19
(17) **Accepts Two 1/8" Mono Plugs. Plugs Into 1/4" Stereo Jack.** 274-307 ... 4.49
(18) **Accepts Two Phono Plugs. Plugs Into 1/4" Stereo Jack.** Excellent for use with dub-out jack on stereo receivers. Outputs are L/R coded. 274-308 ... 3.79
(19) **Accepts Two 1/8" Stereo Plugs. Plugs Into 1/8" Stereo Jack.** 274-302 ... 3.99
(20) **Accepts Two 1/8" Monaural Plugs. Plugs Into 1/8" Mono Jack.** 274-310 ... 1.99
(21) **Accepts 1/4" Stereo Plug. Plugs Into 1/4" Monaural Jack.** Use stereo headphones with monaural CB, Ham, shortwave and scanner radios. 274-360 ... 1.99
(22) **Accepts 1/8" Stereo Plug. Plugs Into 1/4" Monaural Jack.** 274-361 ... 1.99
(23) **Accepts 1/8" Monaural Plug. Plugs Into 1/4" Stereo Jack.** 274-363 ... 1.99
(24) **Accepts Phono Plug. Plugs Into 1/4" Stereo Jack.** Provides monaural output from stereo receiver dub-out or headphone jack. 274-365 ... 1.39

Adapters for Custom Hookups
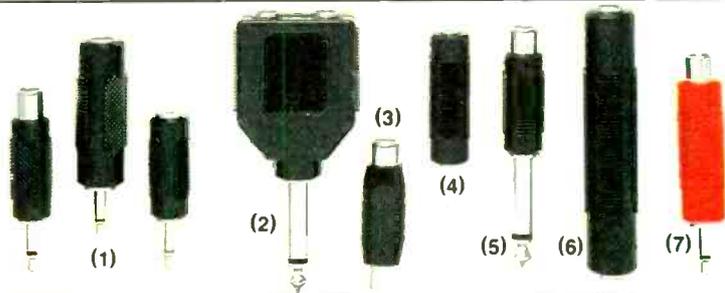
(1) **Three-Piece Monaural Adapter Set.** Adapts 3/32" submini plug, 1/4" phone plug or phono plug to plug into 1/8" monaural jack. 274-359 ... Set 2.99
(2) **Accepts Two 1/4" Monaural Phone Plugs. Plugs Into 1/4" Monaural Jack.** Use two mikes with single mike input on recorder or amplifier. 274-309 ... 2.99
(3) **Accepts Two Phono Plugs.** Use to connect two cables with phono plugs. 274-1553 ... Pkg. of 2/1.39
(4) **Accepts Two 1/8" Stereo or Mono Plugs.** Coupler. 274-1555 ... 1.59
(5) **Accepts Phono Plug. Plugs Into 1/4" Monaural Jack.** 274-320 ... Pkg. of 2/2.79
(6) **Accepts Two 1/4" Stereo or Mono Phone Plugs.** Coupler. 274-1556 ... 2.39
(7) **Signal Reducer.** Accepts phono plug. Plugs into 1/8" monaural jack. Built-in 40 dB attenuator lets you use a portable recorder's mike input to tape from line-level aux or tape-out sources without distortion. 274-300 ... 2.79

Shielded Monaural Adapters

Metal Shielding Eliminates "Hum"
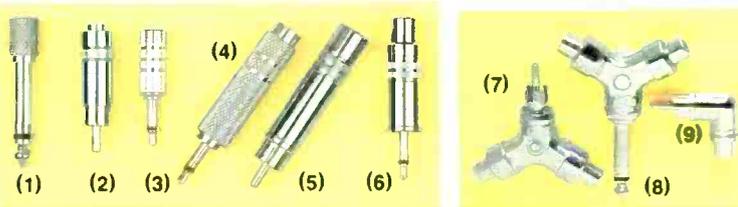
(1) **Accepts 1/8" Plug. Plugs Into 1/4" Jack.** 274-325 ... 1.59
(2) **Accepts 1/8" Plug. Plugs Into Phono Jack.** 274-326 ... 1.59
(3) **Accepts 3/32" Submini Plug. Plugs Into 1/8" Jack.** 274-328 ... 1.79
(4) **Accepts 1/4" Phone Plug. Plugs Into 1/8" Jack.** 274-047 ... 1.19
(5) **Accepts 1/4" Phone Plug. Plugs Into Phono Jack.** 274-389, Pkg. of 2/2.99
(6) **Accepts Phono Plug. Plugs Into 1/8" Jack.** 274-330 ... 1.69
(7) **Accepts Two Phono Plugs. Plugs Into Phono Jack.** Y-adapter for combining or dividing monaural signals. 274-303 ... 1.99
(8) **Accepts Two Phono Plugs. Plugs Into 1/4" Phone Jack.** Y-adapter for combining or dividing signals. 274-304 ... 1.99
(9) **Accepts Phono Plug. Plugs Into Phono Jack.** 90° bend is ideal for tight spaces—helps prevent broken jacks and cable damage. 274-306 ... 2.39

XLR Connectors and Adapters

For "Pro" Audio Systems

(1) **NEW LOW PRICE! Three-Pin Plug.** All-metal die-cast body for durability and shielding. Was $3.29 in 1988 Catalog. 274-010 ... 2.99
(2) **NEW LOW PRICE! Three-Pin Inline Socket.** Mates with Figs. 1 and 5. Cable strain relief. Was $3.29 in 1988 Catalog. 274-011 ... 2.99
(3) **Three-Pin Panel Socket.** Latching type with push release. Accepts Figs. 1 and 5. 274-013 ... 3.69

(4) **Adapter/Transformer.** Accepts XLR plug. Plugs into 1/4" phone jack. Use a mike having a "pro" plug with amplifier or recorder that has 1/4" jack. Adapts low-Z to high-Z unbalanced input. 274-016 ... 11.99

(5) **Adapter/Transformer.** Accepts 1/4" phone plug. Plugs into XLR jack. Lets you use a high-impedance unbalanced mike with equipment that requires low-impedance balanced input. Use with Fig. 4 to minimize high-frequency loss in long cable runs. 274-017 ... 11.99

Adaptaplug™ Set

7²⁹
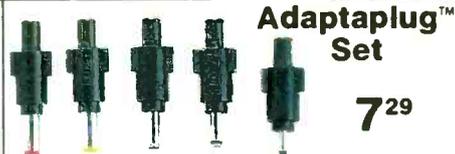
Replacement plugs for use with Radio Shack Universal AC-to-DC and DC-to-DC adapters (except #270-1528 and #270-1562). Eleven pieces, color-coded and indexed for easy identification. *See page 133 for complete adapters.*
274-1501 ... 7.29

Your Nearby Source of Resistors and Controls

Knobs for 1/4"-Diameter Shafts

(1) (2) (3) (4) (5) (6) (7)
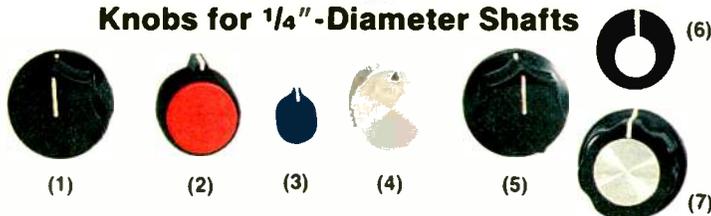
Low As 79¢ Pkg. Of 2

A wide variety of rugged and stylish Archer* knobs for new equipment or replacement use. All have brass bushings and set-screws for positive locking. *See page 52 for car stereo replacement knobs.*

(1) Communications. 1 1/2" diameter by 11/16". Feature knurled grip and grooved pointer. 274-402 .... **Pkg. of 2/99¢**

(2) 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 2/99¢**

(3) Blue Insert. 1/2" diameter by 3/16" deep. Color-matched to our popular #270-220-series of blue enclosures. 274-403 .... **Pkg. of 2/79¢**

(4) Contemporary. 1" diameter by 5/8". Metal over plastic construction with handsome engraved finish. A perfect choice for tuning and volume controls.
274-424 .... **Pkg. of 2/1.99**

(5) Hexagon. Approximately 1 1/4 by 5/8".
274-407 .... **Pkg. of 2/1.29**

(6) Hexagon With Aluminum Insert. Indexed. 3/4 x 7/16". 274-415, Pkg. of 4/1.59

(7) 1 x 9/16" Version of Above. Indexed.
274-416 .... **Pkg. of 4/1.79**

1/2-Watt Resistors 19¢ Pkg. Of 2
10% Tolerance

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	150k	271-047
68	271-010	470	271-019	4.7k	271-030	220k	271-049
82	271-011	560	271-020	5.6k	271-031	470k	271-053
100	271-012	680	271-021	10k	271-034	1 meg	271-059
150	271-013	1k	271-023	15k	271-036	2.2 meg	271-061

1/4-Watt Resistors 39¢ Pkg. Of 5
5% Tolerance

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	330	271-1315	4.7k	271-1330	47k	271-1342
100	271-1311	470	271-1317	10k	271-1335	100k	271-1347
150	271-1312	1k	271-1321	15k	271-1337	220k	271-1350
220	271-1313	2.2k	271-1325	22k	271-1339	470k	271-1354
270	271-1314	3.3k	271-1328	33k	271-1341	1 meg	271-1356
—	—	—	—	—	—	10 meg	271-1365

2-Watt Rheostat 2⁹⁹

25 Ohms. Wirewound pot useful for speaker attenuation and fine circuit adjustment. Tolerance: ± 20%. Rated 2 watts continuous, 5 watts intermittent.
271-265 .... 2.99

Thermistor 1⁹⁹ High Precision

Converts temperatures to proportional resistances. Ideal for any circuit relying on temperature sensing over −50 to +110° C range. 10k-ohm resistance at room temperature (25° C). 271-110 .... 1.99

Pot/Trimmer 12-Pack 1⁹⁸ Assorted Styles

Set of 12 may include wirewounds and multiturns in a variety of values. Stock up! 271-1605 ...... Set 1.98

8Ω, Non-Inductive

Rated 20 Watts, 5% Tolerance

Handy as an impedance-matched power-absorbing element in any audio installation—PA, car and home stereo. Several may be wired in series/parallel for jobs requiring different resistance values or more power handling.
271-120 .... 1.39

PC-Board Pots 69¢ Each

Thumb or screwdriver adjust. Rated 1/4 watt, 260° rotation.

Ohms	Cat. No.	Ohms	Cat. No.
500	271-226	50k	271-219
1k	271-227	100k	271-220
5k	271-217	1 meg	271-229
10k	271-218	—	—

15-Turn Trimmers 1⁴⁹ Each

- 10% ▪ 3/4-Watt
- PCB Mount

1k. 271-342 .... 1.49
10k. 271-343 .... 1.49
20k. 271-340 .... 1.49

Miniature PC Pots 59¢ Each

1/8 Watt

Ohms	Cat. No.
1k	271-333
10k	271-335
25k	271-336
100k	271-338

Metal-Oxide 29¢ Pkg. of 2

Small size with a tight 5% tolerance. One watt.

Ohms	Cat. No.
10	271-151
100	271-152
1000	271-153

Pocket Guides
(1) (2)

(1) Color Codes. Handy! Match colors to get accurate readout of resistor, capacitor, inductor values. 271-1210 .... 59¢
(2) Ohm's Law. Easy to use—quickly performs Ohm's law and parallel resistance calculations. 271-1211 .... 49¢

Wirewounds
10Ω 10% 2W
10% Tolerance

Watts	Ohms	Cat. No.	Price
2	10.0	271-080	2/.69
5	0.47	271-130	Ea./.49
10	1.0	271-131	2/.99
10	10.0	271-132	2/.99
10	50.0	271-133	2/.99
10	100.0	271-135	2/.99

Panel-Mount Controls
(1) (2) (3) (4) (5)
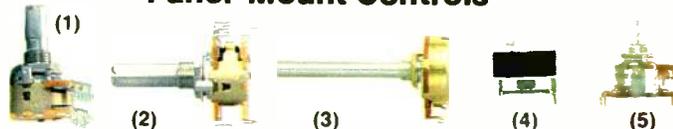
(1) Stereo Balance Control. 1000 ohms. Precision replacement for scratchy balance controls. Also useful in projects where dual-tracking pots are required.
271-261 .... 1.69
(2) 100k Stereo Control. Two ganged pots with smooth, precise "feel". 1/2" long, 1/4" diameter shaft. 40% loudness contour tap. 3/8" mtg. hole. 271-1732 .... 1.99
(3) Potentiometers. All have a 1 11/16" long, 1/4" dia. shaft and mount in a 5/16" hole.

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
—	—	—
—	—	—

Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
1 meg	271-211	1.09

(4) SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers in charts above and many others. Rated 3 amps at 120 VAC. With instructions. 271-1740 .... 69¢
(5) 10,000-Ohm Audio Pot With SPDT Switch. Mini size with 1/4" dia. shaft. Switch rated 3 amps at 30 VDC. Fits 5/16" hole. 271-215 .... 1.99

Resistor Kits
(1) (2) (3) (4) (5)

Quality at Low Cost—Stock Up and Save!
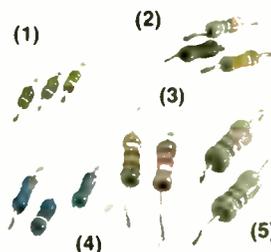
(1) 1/8-Watt Carbon Film. 5% tolerance. Set of 100 with 13 popular values ranging from 10 ohms to one megohm. 271-311 .... Set 2.19
(2) 1/4-Watt Precision Metal Film. 1% tolerance. 50-piece set with 12 popular values ranging from 10 ohms to one megohm. 271-309 .... Set 3.99
(3) 1/4-Watt Carbon. 5% tolerance. 100-piece set with 13 popular values ranging from 10 ohms to one megohm. 271-308 .... Set 2.99
(4) 1/4-Watt Carbon Film. 5% tolerance. Jumbo 500-piece set with 54 popular values ranging from 10 ohms to 10 megohms. 271-312 .... Set 7.95
(5) 1/2-Watt Carbon. 10% tolerance. 100-piece set with 21 popular values ranging from 100 ohms to one megohm. 271-306 .... Set 2.99

The Shack® Has the Capacitors You Need

Electrolytics

Low As 49¢

Axial Type   **Radial Type**

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

Electrolytics for speaker crossovers and audio filters. Rated 50 WVDC.

µF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

Low As 79¢

Tantalums

Low As 59¢

Maximum capacity in an extremely small package. Standard IC pin spacing. 20% tolerance.

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	1.19

Monolithic 5-Pack

NEW FOR 89

1⁷⁹

0.1 µF Monolithic Ceramic Capacitors. Rated 50 WVDC. High capacity in a small size—designed especially for cleaning up noise in IC circuits. Fit standard IC perfboard. 272-109 . . . . Pkg. of 5/1.79

.1 Farad, 5.5 WVDC

2⁹⁵

Use in place of a battery to back up CMOS microprocessor and RAM during short-term power failure. 272-1440 . . . . 2.95

Assortments

(1)   (2)

(1) 100 Disc Capacitors. NPOs, Hi-Qs, N-750s, ceramics. Up to 1000 WVDC. 272-801 . . . . Set 1.98
(2) 20 Electrolytics. Minis, subminis. Assorted values. Up to 50 WVDC. 272-802 . . . . Set 1.98

PC Mounting

Low As 59¢ Pkg. Of 2

50 WVDC

Mini size. Long leads permit point-to-point wiring, too.

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

NEW FOR 89

2⁹⁹

Sensational bargain for the RF experimenter, Ham and service tech! Fifty hard-to-find small-value ceramic disc capacitors, from 1 to 33 pF, rated 50 WVDC. 272-806 . . . . Pkg. of 50/2.99

Metal Film

Low As 49¢

■ 250 WVDC ■ Epoxy Dipped

µF	Cat. No.	Each
.01	272-1051	.49
.1	272-1053	.69
1.0	272-1055	.99

TV Colorburst Crystal

1⁶⁹

3.579545 MHz

Precision frequency standard in HC18/W package. 272-1310 . . 1.69

Hi-Q Ceramic Discs

Low As 39¢ Pkg. Of 2

NEW FOR 89

Feature moistureproof coating, high temperature stability, and high-Q design for low loss in RF circuits.

NEW! .01 µF, 2 kV Disc Ceramic Capacitor. Popular value with a "workhorse" voltage rating. Suitable for demanding jobs—noise bypass in appliances, RF power amplifiers, TV and computer monitor circuits. 272-160 . . . . . Pkg. of 2/99¢

pF	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

| 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

Variables

NEW FOR 89

(1)   (2)   (3)
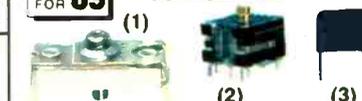
(1) NEW! 95-420 pF Trimmer. Mica compression type. Dielectric strength: 100VDC for one minute. Q: >500 at 1 MHz. Approx. ⁷⁄₈ x ³⁄₈" 272-1336, 1.69
(2) 335 pF Variable. Submini two-section type. Great for receive antenna tuners, crystal sets and receiver projects. Includes knob and pin-out diagram. 272-1337 . . . . 4.95
(3) 6-50 pF Trimmers. Low-level peaking. PC/perfboard-mount. 272-1340 . . . . 2/1.59

Now Hear This! Buzzers for Alerters, Alarms, Timers and Fun

PC-Mount Transducer

NEW FOR 89

Use when a speaker is required and space is limited. Only ²⁹⁄₃₂"-diameter! 0.1 W. 700 to 3000 Hz. 8 ohms. 273-090 . . . . 4.99

Piezo Elements

(1) Piezo Transducer. Two-wire type. 1500 to 3000 Hz. Up to 90 dB. Driver circuit required. 1³⁄₈" mtg. centers. 273-073 . . . . . 1.19
(2) Fixed-Frequency. Three-wire type. Up to 90 dB at 6.5 kHz. Requires driver. 273-064 . . . . . 1.79

Electromechanical Buzzer

1⁹⁹

Super-loud DC buzzer is ideal for battery circuits. 1¹⁵⁄₁₆" diameter by 1¹⁄₄". 12 VDC. 273-051 . . . . . 1.99

Piezo Buzzers

(1)   (2)   (3)   (4)   (5)
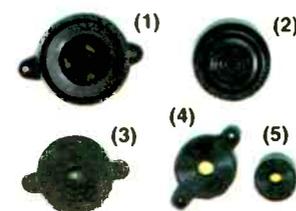
(1) Two-Tone. Loud—100 dB minimum at 2500 Hz. Attenuator vanes. Operates 8 to 16 VDC. Requires 130 mA at 12 VDC. 273-070 . . . . 9.95
(2) Pulsing or Continuous. Easily panel mounted. Great as a pre-alarm buzzer for security systems. Screwdriver terminals. Approximately 2800 Hz pulsed at 1.2 Hz. Output: 90 dB at 12 VDC, only 10 mA. Operates 4 to 28 VDC. 273-068 . . . . . 7.95
(3) Pulsing. Approximately 2800 Hz at 95 dB. 3 to 28 VDC. 12 mA at 12 volts. 273-066 . . . . . 3.99
(4) With Leads. Attention-getting 85 dB, 3.6 kHz signal. 4 to 28 VDC. 273-060 . . . . 3.29
(5) PC-Mount. Loud—78 dB—yet draws only 7 mA at 12 VDC. 2800 Hz. 3-20 VDC. 273-065 . . 2.49

Electronic Buzzers

(1)   (2)

Low As 1⁹⁹

(1) Pulsing Buzzer. Piercing 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 1¹⁄₄" apart. 4³⁄₄" leads. 273-058 . . . . . . 3.49

(2) Mini DC Buzzers. Small enough to hide, loud enough to demand attention! 1¹⁄₁₆" mounting centers. With leads.

DC Voltage	Cat. No.	Each
1½ to 3	273-053	1.99
6	273-054	1.99
12	273-055	1.99

Tri-Sound Siren

5⁹⁵

Three Unique Loud Outputs

You've never heard a buzzer like this! Contains an IC, driver and an 8-ohm speaker in a compact 1¹⁄₄ x 1³⁄₁₆" molded case. 80 db sound pressure. 3 VDC. 273-072 . . . . 5.95

Electronic Chime

8⁶⁹

Pleasant "Ding-Dong" Output

IC and mini-speaker combo is just the thing for door entry alarms. 6 to 18VDC. 80 dB at 12 VDC. Mtg. holes: 1⁷⁄₁₆" apart. 5" leads. 273-071, 8.69

More Bright Ideas for Builders and Fixers

Wide Choice of Quality Replacement Lamps

Premium lamps for projects and replacement in flashlights, dials, pilot lights and panels. Fig. 2, #272-1124, is prefocus type that replaces #222 used in penlights. Fig. 7 is high-intensity. All are incandescent type, except Fig. 10, which are neon.
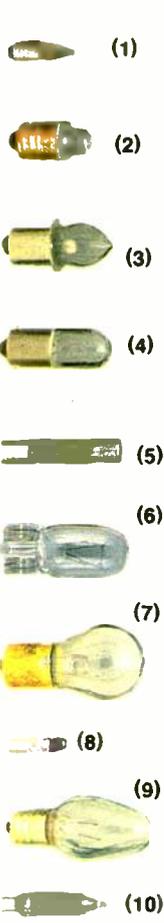
Fig.	Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1	6.0	100	T-1-¾	E-5 Threaded	272-1142	2	.89
1	12.0	75	T-1-¾	E-5 Threaded	272-1143	2	.89
2	2.33	270	243	E-10 Threaded	272-1124	2	.69
2	2.47	300	14	E-10 Threaded	272-1132	2	.99
2	6.3	150	40	E-10 Threaded	272-1128	2	.99
2	6.3	250	46	E-10 Threaded	272-1130	2	.99
2	7.5	220	50	E-10 Threaded	272-1133	2	.99
2	14.0	200	1487	E-10 Threaded	272-1134	2	.79
3	2.33	270	PR-4	Flange	272-1122	2	.69
3	2.38	500	PR-2	Flange	272-1120	2	.99
3	3.57	500	PR-3	Flange	272-1121	2	.99
3	4.75	500	PR-13	Flange	272-1151	2	.99
3	4.8	500	PR-15	Flange	272-1125	2	.99
3	4.9	330	PR-17	Flange	272-1167	2	.99
3	5.95	500	PR-12	Flange	272-1123	2	.99
3	7.2	550	PR-18	Flange	272-1168	2	.99
3	8.63	500	PR-20	Flange	272-1166	2	.99
3	12.5	250	PR-16	Flange	272-1165	2	.99
4	6.3	250	44	Bayonet	272-1108	2	.99
4	6.3	50	47	Bayonet	272-1110	2	.99
4	6.3	150	1847	Bayonet	272-1115	2	.79
4	14.0	230	1891	Bayonet	272-1112	2	.79
4	14.0	200	1815	Bayonet	272-1118	2	.79
4	14.4	120	53	Bayonet	272-1117	2	.79
4	28.0	40	1819	Bayonet	272-1119	2	.99
5	8.0	300	T-3	End Cap	272-1136	2	1.69
5	12.0	250	T-3	End Cap	272-1137	2	1.69
6	14.0	270	194	Wedge	272-1126	2	.99
6	6.3	250	259	Wedge	272-1152	2	.99
7	12.8	1.04A	93	Bayonet	272-1116	1	.99
8	12.0	40	—	Bi-Pin	272-1154	1	1.29
9	120	60	7C7	Candelabra	272-1153	1	.99
10	120 (Add 220k resistor)		NE2 1/25-W Neon		272-1101	2	.69
10	120 (Add 22k resistor)		NE2H 1/4-W Neon		272-1102	2	.69
10	120 (With resistor)		NE2 1/25-W Neon		272-1100	2	.89

Super-Bright Krypton Lamps

79¢
Each

Flange-type base.

Can be Used to Replace PR-Type Lamps— For Example, K4 Replaces PR4

Type	Volts	mA	Cat. No.
K4	2.33	480	272-1169
K1	2.4	600	272-1156
K2	2.4	830	272-1157
K3	3.6	800	272-1158
K15	4.8	700	272-1162
K12	6.0	650	272-1163
K18	7.2	700	272-1164

12V Lamp Assemblies
Include Bulbs

(1) "Jumbo" Red. 105 mA. Mount in 19/32"-diameter (15mm) panel hole. Solder tabs. 272-336 .... Pkg. of 2/2.49
(2) High-Brightness Red. Mount in 9/32" hole. Metal panel recommended. 272-331 .... Pkg. of 2/1.59
(3) Green Micro. 60 mA. Mount in 7/32" hole. 272-334 .... Pkg. of 2/1.99
(4) Green Snap-In. Mounts instantly in 1/2" hole. With 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

LEDs in Panel-Mount Holders

Low As **1⁴⁹**
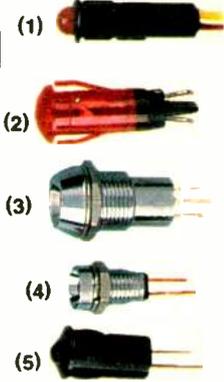
(1) NEW! 12-Volt Red iLED Lamp Assembly. Wiring and mounting are a snap with a built-in current-limiting resistor and a press-fit body (fits 1/4 inch hole). 276-011 .... 1.99
(2) Super-Bright LED With Holder. Brilliant 500 mcd ruby-red light will really surprise you! Draws only 20 mA current. 276-088 .... 1.79
(3) Two-Color. Outputs red or green. Requires 3VDC at 10 mA per segment. 3/8" mounting hole. 276-025 .... 1.49
(4) Chrome Holders. 1/4" Mounting hole.

| Color	Cat. No	Pkg. of 2
Red	276-068	1.89
Green	276-069	1.89

(5) Snap-In Holders. Red output. 5/16" mounting hole. 276-018 .... Pkg. of 2/1.99

Miniature Lamps

Mini Lamps With Leads. 25 mA
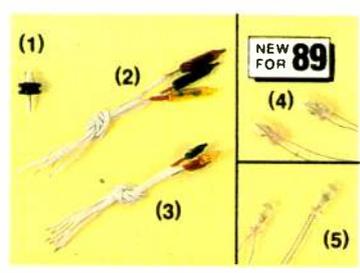
Fig.	Volts	Cat. No.	Each
1	1.5	272-1139	.99
1	6.0	272-1140	.99
1	12.0	272-1141	.99

(2) 12-Volt Flashing Lamps. 95 mA. One each: yellow, red, green. 272-1097 ... Pkg. of 3/1.19
(3) Colored Mini Lamps. 60 mA. One each: yellow, red, green. 4" leads.
6-Volt. 272-1098 .... Pkg. of 3/79¢
12-Volt. 272-1099 .... Pkg. of 3/79¢
(4) NEW! 12-Volt Microlamp. 60 mA, T-1 size with leads. 272-1092 .... Pkg. of 2/1.39
(5) 1.5-Volt, 15-Milliamp Microlamp. 272-1090 .... Pkg. of 2/1.19

Halogen Lamps
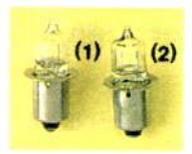
3⁹⁵
Each

(1) NEW! HPR50. For four-cell flashlights and six-volt lanterns. Rated 5.2 volts, 0.88 amp. 272-1189 .... 3.95
(2) HPR52. Replacement for two-cell flashlights, camping lanterns. Rated 2.8 volts, 0.85 amp. 272-1190 .... 3.95

Xenon Strobe Tube

3²⁹

100,000 Flash Life

For photoflash replacement or use in projects. Trigger: 4 kV. Anode: 200 volts minimum, 300 volts maximum. With data. 272-1145 .... 3.29

120-Volt Neons

(1) "Jumbo" Red. A pilot light that can't be overlooked. Mounts in 5/8" diameter hole. 272-710 .... 1.99
(2) Amber. Mount in 9/32" hole. With 3" leads. 272-707 ..... Pkg. of 2/1.79
(3) Red. With leads. 5/16" mtg. hole. 272-712 .... Pkg. of 2/1.99
(4) Green. With leads. For 5/16" mtg. hole. 272-708 .... Pkg. of 2/2.49
(5) Red, Square Lens. 7/16" mtg. hole. 272-704 .... Pkg. of 2/1.79
(6) Amber, Round Lens. 7/16" mtg. hole. 272-705 ...... Pkg. of 2/1.79

Lamp Holders

Bulbs not included. Use base style to select from table at above left.

(1) NEW! E-10 Base. Wide-footprint base. Solder-lug connections. 272-357 .... 79¢
(2) E-10 Base. Compact. Mounts on flat surface. 272-356 .... 99¢
(3) Bayonet Base. 272-355 ..... 99¢
Mini Panel Lamp Holders. Include one red and one green lens.
(4) Bayonet Base. 272-325 ..... 1.89
(5) E-5 Threaded (T-1-¾) Bases. 272-326 .... Pkg. of 2/2.19
(6) E-5 Bases. Two red and two white lenses. 272-340 ...... Pkg. of 2/1.69

Power Converters and AC/DC Adapters

Foreign AC Power Converters and Plug Adapters

Use 120VAC Personal Appliances In Countries With 240VAC Power

Low As **14⁹⁵**

- Your Best Travel Companion
- Compact Size ■ Overload Protected

(1) 50-Watt Converter/Transformer for Electronic Equipment. Converts 240VAC to 120VAC to operate most cassette recorders, radios, photoflash units, battery rechargers, calculators, razors, lens sterilizers and appliances up to 50 watts. 9¹/₂ oz. 1⁵/₈ × 2⁵/₈ × 1¹/₄". **273-1401** **14.95**

1000-Watt Converter. Allows use of 120VAC nonmotorized heating appliances from 240VAC. For most irons, curlers, curling irons, heating pads, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3¹/₂ × 1¹/₂ × 1¹/₂". **273-1402** **15.95**

1600-Watt Converter. Allows use of 120VAC heating appliances from 240VAC. For hand-held hair dryers with universal (AC/DC) motors, most irons, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3¹/₂ × 1⁷/₈ × 1⁷/₈". **273-1404** **19.95**

(2) Plug Adapters. Let you connect power converters, above, to almost any wall outlet in the world. *Must be used with one of the converters, above.* **273-1405** .... **Set of 4/7.95**

(3) U.S.-Outlet Plug Adapter. Lets you connect 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). 1600-watt and 1000-watt converters should NOT be used with transformer-operated equipment.
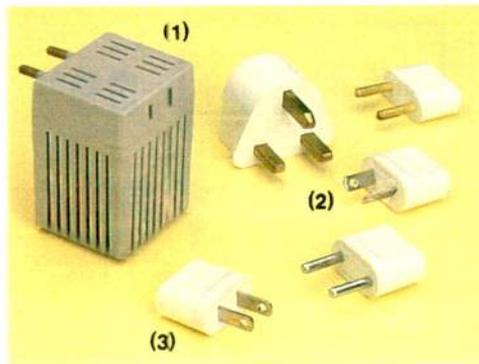
Universal AC to DC And Car DC Adapters
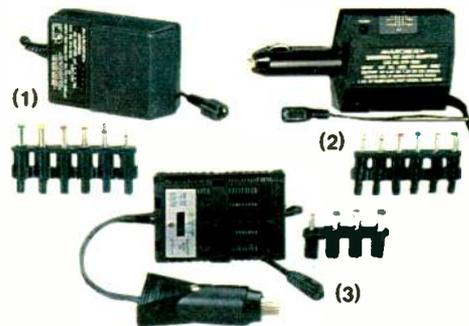
(1) Universal AC to DC Adapter. Save on batteries! Plugs into 120VAC outlet. Switch selects 3, 4.5, 6, 7.5 or 9VDC. Delivers up to 300 mA. Six-foot cord. Includes six color-coded Adaptaplug connectors to fit DC jack of most portables. UL listed. **273-1650** **12.95**

(2) Universal DC Adapter. Plugs into vehicle lighter socket. Switch selects 3, 4.5, 6, 7.5 or 9VDC output. Includes six Adaptaplugs.
270-1560 .... **11.95**
Six-Piece Adaptaplug™ Set. 274-1501 .. **7.29**
(3) High-Current DC Adapter. Like Fig. 2, but provides 6, 9 or 12VDC output. Fused. With four coaxial plug sizes. **270-1562** **13.95**

120VAC to 9VDC And 12VDC Adapters

Adaptaplugs Fit Most Portables

Adapts battery-powered portables with DC jack to AC. 500 mA. UL listed.
9VDC Adapter. With two Adaptaplugs.
273-1651 .... **10.95**
12VDC Adapter. Includes four Adaptaplugs. **273-1652** **10.95**

120VAC to 12VDC High-Current Adapter

19⁹⁵

Delivers up to one amp to power most 12 to 15-volt portable TVs, portable VCRs and cassette portables. UL listed.
273-1653 .... **19.95**

Personal Portable Adapter

13⁹⁵

Hum-free circuit designed especially for personal portable stereos. Switch selects 1.5 or 3VDC output. Includes two Adaptaplugs. 300 mA. UL listed.
273-1654 .... **13.95**

Grounded AC Outlet Analyzer

5⁹⁵

Protects Valuable Tools and Appliances

Plug in AC before using electrical equipment—readout warns if a grounded (3-wire) outlet is miswired.
22-101 .... **5.95**

AC Adapters for Radio Shack Equipment And Most Other Brands

Low As **5⁹⁵**

All have a body similar to Fig. 1, plug into a 120VAC power outlet, and are UL listed. Only the connectors are shown for Figs. 2 through 6.

(2) 9VDC, 300 mA max. Connector: coaxial "barrel-type" plug with outside diameter of 5.5 mm and inside diameter of 2.1 mm.
273-1455 .... **7.95**
(3) 6VDC, 150 mA max. Coaxial-type connector as above. **273-1454**. **7.95**
(4) 9VDC, 25 mA max. Connector is a ³/₃₂" submini-type phone plug. **273-1431** **6.95**
(5) 3VDC, 200 mA max. Connector is a ³/₃₂" submini-type phone plug. **273-1435** **6.95**
(6) 9V Battery Eliminator, 25 mA max. Connector is snap-type as used on 9-volt rectangular batteries. **273-1552** **5.95**
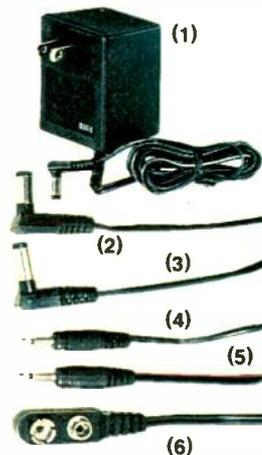
120VAC to 12VDC Power Supplies

39⁹⁵

For Operating or Servicing Mobile CBs, Ham Transceivers and Autosound at Home

Regulated 12VDC Power Supply. Operates most devices requiring 12 to 14 volts DC. Also a good choice for workbench power supply. Features push-to-reset circuit breaker, on/off switch, LED "on" indicator, heavy-duty finned heat sink for cool operation. Rated 2.5 amps continuous. 2³/₈ × 6⁵/₈ × 6¹/₄". UL listed.
22-120 .... **39.95**

26⁹⁵

12VDC Supply. Same function as above but non-regulated and rated 1.75 amps continuous. UL listed.
22-127 .... **26.95**

Micronta® Multitesters—Versatility and Value!

28-Range FET VOM

49⁹⁵

- ■ Works Like a Solid-State VTVM
- ■ Jumbo 5-Inch 3-Color Scale
- ■ "Beep" Continuity Function

Incredible 10-megohm input sensitivity! Measures to 1000 volts DC in seven ranges, 1000 volts AC in five ranges, DC current to 10 amps in five ranges, resistance to 100 megohms in five ranges and decibels − 20 to + 62. Fuse protected. 7¹/₁₆ × 5¹/₂ × 2³/₄". Requires one 9V, one "C" battery. **22-220** **49.95**

43-Range Multitester

39⁹⁵

- ■ Range Doubler
- ■ "Beep" Continuity Function
- ■ Low DC Ranges— 125mV and 25µA

Sensitivity: 50,000 ohms per volt DC. Fuse and overload protected. Measures to 1000 volts DC in 12 ranges, 1000 volts AC in eight ranges, DC current to 10 amps in 10 ranges, resistance to 20 megohms in four ranges, decibels − 20 to + 62. 6¹¹/₁₆ × 4⁷/₈ × 2³/₈". Requires one 9V, one "AA" battery. **22-214** **39.95**

Rugged 25-Range Foldup Multitester

29⁹⁵

- ■ Mirrored 3-Color 4" Meter With Shunt Protection When Shut
- ■ Folds for Traveling

Fuse/surge-absorber protected. Sensitivity: 20,000 ohms per volt DC. Measures to 1200 volts DC in seven ranges, 1200 volts AC in five ranges, DC current to 300 mA in four ranges, resistance to two megohms in four ranges, and decibels − 20 to + 63 in five ranges. Accuracy ± 3% DC, ± 4% AC. Open, 7¹/₄ × 4⁵/₁₆ × 1¹/₄". Requires "AA" battery. **22-211** **29.95**

18-Range Multitester

19⁹⁵

Excellent Value!

Features 3" meter, color-coded and mirrored scale. Sensitivity: 20,000 ohms per volt DC. Measures up to 1000 volts DC in five ranges, 1000 volts AC in four ranges, DC current to 250 mA in two ranges, resistance to 2 megohms in three ranges, and decibels − 20 to + 62 in four ranges. 5¹/₈ × 3¹/₂ × 1⁷/₁₆". Requires "AA" battery. **22-201** **19.95**

Pocket Multitester

- ■ Compact and Durable
- ■ Just Right for Your Tool Kit or Car Glove Compartment

10⁹⁵

Incredibly easy to use! Fine for a beginner or as a second meter. Sensitivity: 2000 ohms/volt DC. Has 2" meter, color-coded mirrored scale, "off" position for protection during transit. Measures to 1000 volts AC/DC in six ranges, DC current to 150 mA, resistance to 100,000 ohms. 3¹/₂ × 2¹/₄ × 1¹/₄". Requires "AA" battery. **22-212** **10.95**

Deluxe Battery Tester

Know the True Condition of Your Batteries

10⁹⁵

Accurately measures almost any type of battery under load conditions. For carbon-zinc, alkaline, mercury, silver oxide, lithium and even nickel-cadmium rechargeable batteries. Ranges: 1.5 volts (1-150 mA), 3, 6, 9, 12, 15, 22.5 volts. 1³/₄ × 3¹/₂ × 5¹/₄". *For battery tests only.* **22-032** **10.95**
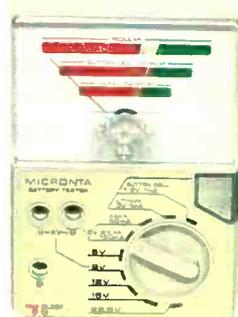
Latching Continuity Tester For Fast Troubleshooting

NEW FOR 89 **16**⁹⁵

- ■ Latch Mode Spots Brief Faults You Would Miss With Ordinary Testers
- ■ Ideal for Testing Security System Wiring, Switches and Sensors

Efficient *dual-mode* continuity testing! Momentary mode operates like a standard continuity tester, allowing you to check for normally open or normally closed conditions. Latching mode continues to indicate that a fault has occurred until you press the reset button. The latching mode spots both opens and shorts—a Radio Shack exclusive. Features LED and buzzer indicators, fast one millisecond response time. Has 36" inch test leads with alligator clips. *Not for use in live circuits.* 4¹/₂ × 2³/₄ × 1¹/₁₆". Requires 9V battery. **22-110** ... **16.95**
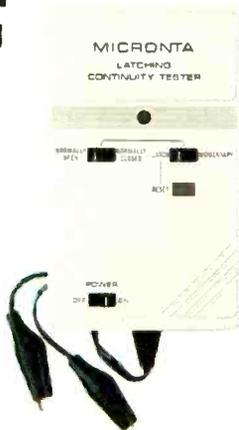
Clamp-On AC Ammeter And Voltmeter

49⁹⁵
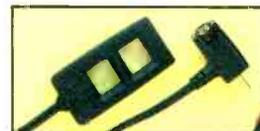
Includes Inductive Pickup/Multiplier

Measures AC current without direct connection to circuit, and measures AC voltage with included test leads. Clamp jaws permit easy insertion into tight spaces. Lock-switch freezes pointer so you can remove meter for easy reading. Plug-in dual-function inductive pickup/multiplier tests devices with an AC cord. Provides × 10 readings for low-current tests. Measures to 300 amperes AC in five ranges, to 600 volts AC in two ranges. 4 × 2 × ³/₈". **22-161** **49.95**

ALL MICRONTA MULTITESTERS, DIGITAL MULTIMETERS AND CLAMP-ON AC VOLT/AMMETER ARE UL 1244 LISTED

Our Multitesters With LCD Digital Display

Benchtop Digital LCD Multimeter

99⁹⁵ Low As $15 Per Month *

- Manual or Autoranging
- Minimum/Maximum Hold

Our best! The 31-segment analog bar graph display makes input peaks and trends easier to follow. Transistor checker measures h_{FE} (gain). Has diode-check for semiconductor junctions, memory function and buzzer continuity checker. Measures to 1000 volts DC, 750 volts AC, AC/DC current to 10 amps, resistance to 30 megohms. Input impedance: 10 megohms on DCV/ACV ranges, more than 100 megohms on DC 300 mV range. 2¹¹/₁₆ x 8 x 4³/₄". Fuse and overload protected. Requires 4 "C" batteries. **22-195** **99.95**

Probe-Style Autoranging Multimeter
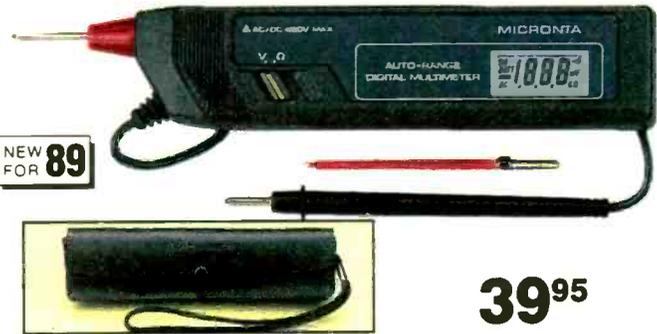
NEW FOR **89**

39⁹⁵

Carrying Case Included

- Data Hold Function Freezes Display
- Continuity Buzzer
- Fully Automatic Range and Polarity
- Low Battery Indicator

High accuracy and easy operation in a tester designed to go with you. Small size makes it perfect for testing in tight spaces. Data hold lets you freeze the display and remove tester from circuit for more convenient reading. Measures up to 400 volts AC/DC and resistance in k-ohms. Continuity buzzer sounds when circuit resistance is approximately 300 ohms or less. Overload protected. 1³/₁₆ x 6³/₈ x ³/₄". Includes two button batteries (Radio Shack #23-115) and carrying case. **22-165** **39.95**

Foldup Autoranging VOM

69⁹⁵

Has auto-shutoff, autoranging, diode check mode and "beep" continuity checker. Measures to 1000 volts DC, 500 volts AC, AC/DC current to 10 amps. Resistance to 2 megohms. 10⁷/₈ x 5⁵/₈ x 1¹/₂", open. It's fused and overload protected. Requires 2 "AA" batteries. **22-193** **69.95**

Detented Hinge for Best Viewing Angle

23-Range Digital VOM

59⁹⁵

- Full Autopolarity
- Diode Check Function
- "Beep" Continuity Test

Input impedance: 10 megohms for DCV/ACV (more than 100 megohms on 300 mV DC)! Measures to 1000 volts DC in five ranges, 750 volts AC in four ranges, DC and AC current to 10 amps in four ranges, each, and resistance to 30 megohms in six ranges. Overload and surge-protected. 6¹¹/₁₆ x 3¹/₁₆ x 1¹/₄". Requires 4 "AA" batteries. **22-185** **59.95**

Autoranging Digital VOM

34⁹⁵

- Diode-Check Function
- Low-Battery Indicator
- Full Autopolarity

Just select the function and it does the rest. Diode-check mode for testing semiconductor junctions. Measures to 1000 volts DC, 500 volts AC, DC current to 200 mA. Resistance to 2 megohms. 4⁷/₈ x 2¹³/₁₆ x 1¹/₄". Fused and overload protected. Requires 2 "AA" batteries. **22-188** **34.95**

Everything in Test Leads and Clips
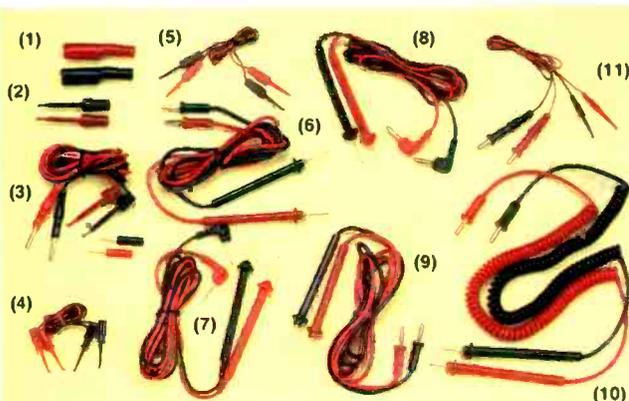
(1) **Insulated Alligator Clips.** Slip over probe tips. 270-354 . . . . **Pair/1.89**
(2) **Mini-Hook Test Clip Adapter.** 270-334 . . . . **Pair/2.59**
(3) **Mini-Clip Test Leads.** 48" long. Mini clip to banana plug. 278-1160 . . **Pair/3.99**
(4) **Mini-Clip Jumper.** 20" long. Mini-clip at each end. 278-016 . . . . . **Pair/3.49**
(5) **Micro-Test Clip Jumpers.** 278-017 . . . . **Pair/3.49**
(6) **Pin-Tip Test Leads.** 36" long. 4¹/₄" probe to pin-tip plug. 278-705 . **Pair/1.99**
(7) **Right-Angle Pin-Tip Test Leads.** 36" long. 4³/₄" probe at one end, 90° pin-tip plug at the other. 278-712 . **Pair/2.49**
(8) **Right-Angle Banana Test Leads.** 36" long. Probe at one end, 90° banana plug at other. 278-713 . . . . **Pair/3.19**
(9) **Banana-Plug Test Leads.** 36" long. 4¹/₂" probe to banana plug. 278-704 . . . . **Pair/3.19**
(10) **Coiled 6-Foot Leads.** Probe to banana plug. 278-750 . . . . . . **Pair/4.79**
(11) **NEW! Micro-Hook** 18¹/₂" **Test Leads.** Banana plug to spring-action "grabber" hook. 278-018 . . . **Pair/3.49**

Pocket Autoranging DVM

24⁹⁵

- Autopolarity
- Diode-Check Function

The mighty midget! Big-meter features in a pocket size. "Beep" continuity, pushbutton range selection, low-battery indicator. Measures to 400 volts AC/DC, resistance to 2 megohms. 4¹/₄ x 2¹/₈ x ⁵/₁₆". With two RS-357A batteries, miniprobes, folding case. **22-171** **24.95**

ALL MICRONTA MULTITESTERS AND MULTIMETERS INCLUDE COLOR-CODED TEST LEADS AND EASY-TO-UNDERSTAND OWNERS' MANUALS

Soldering Tools and Helpers to Fix It Right

Professional Soldering Station With Dual Wattage Setting

NEW FOR 89 **39⁹⁵**

- All-On-One Design for Maximum Efficiency
- Safely Solders Sensitive Components
- Switchable From 15W to 25W

Dual wattage control for extra versatility. Fully grounded tip for safe use on sensitive components and circuit boards. Conveniently located sponge for "clean" soldering. UL listed AC. **64-2057** **39.95**
Iron-Clad Tips. (2-pack) **64-2089** **4.99**
NEW! Surface-Mount Tips. (2-pack) **64-2074** .. **4.99**

Fully Portable Gas-Powered Soldering Iron

29⁹⁵

NEW FOR 89

Flint Igniter in Cap — On/Off Safety Switch — Adjustable Temp. Control — Replaceable Tip

- No Cords or Gas Cylinders—Full Freedom of Movement
- Uses Standard Butane Gas Cigarette Lighter Fuel
- Adjustable Temperature Equivalent—10W to 60W

You get up to 60 minutes continuous use per tank and it easily refills in seconds. Adjustable temperature for most projects. **64-2160** **29.95**
Replacement Tips. Standard 2.4mm, 1mm for precision work, hot knife tip all available on special order. Ask your store manager.

100-Watt Gun

NEW FOR 89 **10⁹⁵**

Pull the trigger for full temperature in seconds. Easy-to-hold molded pistol grip. UL listed AC. **64-2193** **10.95**

Extra Archer and Weller-Type Tips

For Use With	Cat. No.	Pkg. of 2
Archer 64-2193/2192	64-239	1.79
Archer 64-2191	64-238	1.79
Weller D440, 8200, Archer 64-2190	64-237	1.79
Weller D550	64-234	1.79

Dual-Heat Iron

8⁹⁵

Go from 15 to 30 watts at the flick of a switch. Handles most electronic/electrical projects. 8¼" long. UL listed AC. **64-2055** **8.95**
Replacement Tip. **64-2065** .... **99¢**

Solder & Tinner

NEW FOR 89

(1) **Hi-Tech Solder.** 63/37 formula, .050, 1.5 oz. **64-015** **2.49**
(2) **Silver Solder.** 62/36/2% formula, .028, 1.5 oz. **64-013** **2.99**
(3) **Tip Tinner/Cleaner.** Self-adhesive base. **64-020** .. **4.99**

Pocket Gas Torches

10⁹⁵   **25⁹⁵**

(1) **Soldering/Brazing Torch.** Has one butane and two micronox cylinders, two tips. **64-2165** **25.95**
Butane Cyl. **64-2166**, Pkg. 2/**3.29**
Micronox Cyl. **64-2167**, Pkg. 2/**2.59**
(2) **Pocket Butane Torch.** Cylinder burns up to 60 minutes. Includes refill. **64-2164** **10.95**

Quality Soldering Irons

Low As 3⁹⁹

UL Listed For Electrical Safety

(1) **15-Watt Pencil Iron.** Grounded tip is especially suitable for integrated circuits. **64-2051** **6.95**
Replacement Tip. **64-2052** .... **99¢**
(2) **40-Watt Pencil Iron.** Insulated, ¼" screw-in tip. 600-640° F. With safety stand. **64-2071** **6.79**
Replacement Tip. **64-2072** **1.19**
(3) **25-Watt Pencil Iron.** Same as 64-2071, but with ⁵⁄₃₂" tip. **64-2070** **5.79**
Replacement Tip. **64-2073** .... **99¢**
(4) **30-Watt Pencil Iron.** Lightweight. **64-2067.3.99**
Replacement Tip. **64-2065** .... **99¢**
(5) **30-Watt Cool-Grip Gun. 64-2066** **4.49**
Replacement Tip. **64-2065** .... **99¢**

10-Piece Tool Set

UL listed AC 30-watt iron, stand, solder, soldering helper, pliers, diag. cutter, three screwdrivers and heat sink. **64-2801** **15.95**

Soldering Set

UL listed AC 30-watt iron, stand, rosin core solder, soldering helper, heat sink and instructions. **64-2802** **6.95**

Project Helpers

(1) **Soldering Iron Holder and Cleaner.** **64-2078** **6.29**
(2) **Vacuum Desoldering Tool.** With extra tip. **64-2098** **5.49**
(3) **Desoldering Bulb. 64-2086** **2.49**
(4) **Desoldering Braid. 64-2090** **1.69**
(5) **Four-Piece Helper Set.** Heat sink, brush/scraper and probes. **64-2227** **3.49**
(6) **Straight Mini Forceps. 64-1910** .. **1.49**
(7) **Soldering Tweezer. 64-1915** **1.49**
(8) **NEW! Non-Conductive Tweezers.** **64-1907** **1.29**

Desoldering Iron

7⁹⁵

Easy-to-Hold "One Hand" Design

Leaves one hand free. Includes vacuum bulb, desoldering assembly and tip. 5-foot cord. 45 watts. 8" long. UL listed AC. **64-2060** **7.95**
Replacement Tip. **64-2061** .... **99¢**

Desoldering Tool

6⁹⁵

Professional-type spring-loaded design. Fast and easy to use. With extra tip. **64-2120** .. **6.95**

Create Your Own Iron

Fig.	Description	Cat. No.	Each
1	Handle 600-650° F	64-2080	6.49
2	Htg. Unit (23W)	64-2081	5.99
3	750-850° F Htg. Unit (33W)	64-2082	7.99
4	Light, Med., Hvy. Duty Tips (3)	64-2084	4.49
5	Iron-Clad Lt-Duty Tips (2)	64-2089	4.99
6	Plated Surface-Mount Tips (2)	64-2074	4.99

Heating elements, handle UL listed

12VDC Soldering Iron

NEW FOR 89 **4⁹⁹**

Use on auto electrical and electronic wiring jobs. 12-foot cord with cigarette lighter plug. **64-2105** **4.99**
Tip. **64-2072** **1.19**

High-Quality Solder
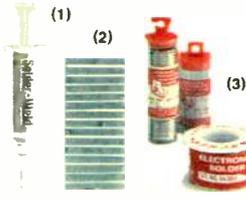
(1) **Solder-Weld.** Silver bearing solder paste. Use with lighter or soldering gun. **64-029** **2.59**
(2) **Solder Tape.** Just wrap around wires and heat tape with any flame. 100 pcs. **64-010** **1.39**
(3) **Standard, Light or Special PC solder.** Meets QQ-571E federal requirements.

Package	Size	Use	Cat. No.	Each
0.5-oz. Handy Pak	.062	Standard	64-001	.89
1.5-oz. Handy Pak	.062	Standard	64-002	1.39
4.0-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
8.0-oz. Spool	.062	Standard	64-007	5.89

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Magnets, Adhesives, Tapes & Chemicals
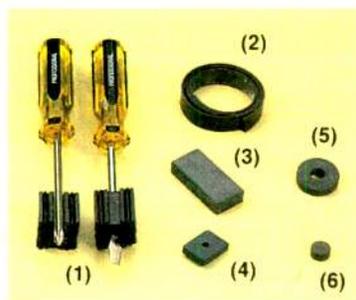
Magnetic Products

(1) Screwdriver Magnetizer. Magnetize screwdrivers so you can pick up small screws. 64-1870 . . . . 2.29

(2) Magnetic Tape. Self-stick. Holds to most metal surfaces. 64-1890 . . . . . 99¢

(3) High-Energy Magnet. Many uses. 1⁷⁄₈ x ⁷⁄₈ x ³⁄₈". 64-1877 . . . . 89¢

Ceramic Magnets. 1 to 10 . . . . Each 21¢

Fig	Type	Cat No	Each		
			11-24	25-99	100-Up
4	1" Rectang	64-1875			
5	1½" Round	64-1885	18¢	17¢	15¢
6	½" Button	64-1880			

Plastic Repair Kit

NEW FOR **89**

4⁹⁹

Ideal for repairing plastic parts by molding, adding material or joining broken parts. 64-2304 . . . 4.99

Hot Melt Glue Gun

8⁹⁹

- Built-In Stand
- With Three Glue Sticks

Neat way to repair broken or torn items, glue ceramic tile, seal windows and assemble models. UL listed AC. 64-2861 . . 8.99
Hot Melt Glue Sticks.
64-2866 . . . . Pkg. of 5/1.39

Packaging Knife

1²⁹

Multipurpose. Always sharp. Snap blade end off for fresh edge. 64-1868 . . . . 1.29

Packaging Tape

2⁴⁹

165-Ft. Roll

Strong 2" wide tape forms an airtight seal against moisture and dust. 64-2339 . . . . 2.49

All-Purpose Tape

1⁹⁹

2" Wide x 30-Ft. Roll

Just right for sealing air ducts. Unaffected by normal heat, cold or damp weather. 64-2347 . . 1.99

2-Sided Foam Tape

1⁶⁹

40" Roll

The quick way to attach accessories to car dash, TV or phone. ¾" wide. 64-2343 . . . . 1.69

Bonding Adhesives

Low As **1³⁹**

(1) All-Purpose Adhesive. Suitable for china, glass, wood and metal. Convenient no-clog applicator. 64-2307 . . . . 1.39

(2) Instant Bonding Glue. Just a drop bonds most nonporous materials in seconds. Super holding power! 64-2308 . . . . 1.49

(3) Twin-Tube Epoxy. Easy to use. Meters out resin and hardener simultaneously in the proper amounts. Bonds wood, metal, glass and most plastics. 64-2313 . . . . 2.49

(4) Rubber Sealant. Silicone sealer bonds and caulks. Applies evenly with handy applicator tip. Moisture resistant. 64-2314 . . . . 2.99

Jumbo-Size Cushion Feet

1⁴⁹ Pkg. of 8

Self-sticking ¾" square cushions. Just right for VCRs, computers, other big items. 64-2342, 1.49

Self-Sticking Clear Feet

1¹⁹ Pkg. of 12

Protect furniture and countertops. Just peel and stick. Package of 12. 64-2365 . . . . 1.19

Self-Sticking Cushion Feet

99¢ Pkg. of 12

Protect countertops and furniture. Just peel and stick to radios, calculators, test equipment. 64-2346 . . . . 99¢

Electrical Tape Assortment

1⁹⁹ Five Colors

PVC vinyl tape. Includes five ¾"-wide by 12-foot rolls. 64-2340 . . Set 1.99

Oiler and Lube Gel

(1) Precision Oiler. Use on electronic equipment, tools, appliances. Needle applicator tip. Resists dust, doesn't coagulate. 64-2301 . . . 1.69

(2) Lube Gel. Great for sliding doors, small motors, tools and hinges. With Teflon™. Water and dust resistant. 64-2326 . . . . 2.49
*E.I. duPont Nemours & Co., Inc

Anti-Static

NEW FOR **89**

1⁹⁹

Prevents electrostatic charging of insulating surfaces when handling sensitive components and computer products. 64-2330 . . . . 1.99

9kV Dielectric Tape

UL Recognized
½" Wide. 12½-foot roll. 64-2348 . . . . 59¢
¾" Wide. 20-foot roll. 64-2349 . . . . 89¢
¾" Wide. 66-foot roll. 64-2350 . . . . 1.39

All-Purpose Fasteners

(1) 2¹⁹   **(2) 2⁴⁹**

(1) Hook-and-Loop Fasteners. Self-stick 3" strips are excellent for attaching speaker grill cloth. Four pairs. 64-2345 . . . . 2.19

(2) Super-Lock Fasteners. Five times the holding power of standard hook-and-loops. 1 x 3". Two pairs. 64-2360 . . . . 2.49

Handy Aerosol Sprays

(1) TV Tuner Cleaner. Cleans dirty contacts in mechanical TV tuners. Also effective on "scratchy" volume and tone controls. 6 oz. 64-2315 . . . . 1.69

(2) Color-TV Tuner Cleaner. Our special concentrated formula for mechanical color-TV tuners. 6 oz. 64-2320 . . . . 2.29

(3) Cleaner/Degreaser. Sprays away oil, dirt and grime from circuits and components. 8 oz. 64-2322 . . 1.99

(4) Dust Remover. For cleaning circuits, cameras, keyboards, copiers, projectors. 6 oz. 64-2325 . . . . . 1.99

(5) Component Cooler. Spray on components to spot thermal defects. Net weight 6 oz. 64-2321 . . . . . 2.29

(6) Rosin Flux Remover. Removes soldering flux deposits from electronic circuits. 6 oz. 64-2324 . . . . 1.89

High-Bond Mounting Tape

(1) 1⁹⁹ Pkg. of 8

NEW FOR **89**

1⁹⁹ (2) Pkg. of 4

**(1) Two-Sided Foam Tape Strips.** These 1 x 3" strips are a great choice for attaching car and phone accessories. 64-2344 . . . . 1.99

(2) Perma-Mount™ Tape Strips. 3-times the holding power of standard foam tape. Installs items permanently. 64-2361 . . . . 1.99

You'll Get the Job Done With Archer® Tools

Electronic STUDFINDER
19⁹⁵

LEDs Help Find The Exact Center Of Wall Studs

No More Guesswork!

It's easy to use and finds studs fast! Measures changes in wall density to locate wooden studs. Also locates pipes, electrical wires and conduit. Requires 9V battery. 64-2825 .... 19.95

Illuminated Hand Microscope
9⁹⁵

- 30X Power Magnification Reveals Details
- Puts Light Directly Onto the Object

Examine jewelry, microcircuits, stamps and other small objects. Fits in your pocket. Thumbwheel focus. 5½″ long. Requires 2 "AA" batteries. 63-850 .... 9.95

Lighted Magnifier
4⁹⁵

Dual Magnification

Read with 2¾″ main lens or use 1″ inset for fine type, coins, maps. Requires 2 "AA" batteries. 63-848 .... 4.95

Deluxe 16-Piece Precision Tool Set

High Quality, Low Price 10⁹⁵

Never be caught without the right tool again! One convenient storage case carries all 16 tools. Has Phillips, nutdrivers, hex keys, screwdrivers and a torque bar. 64-1961 .... 10.95

Tool Sets for Detail Work

Precision Screwdrivers 4²⁹

A Must for Hobbyists

Screwdrivers. Size #1-6. 64-1948 .... 4.29
Phillips and Hex Keys. 64-1958 .... 4.29
Two Phillips and Four Standards. 64-1959 .... 4.29
Crosspoint Set. Set of six screwdrivers. 64-1962 ...... 4.29
Mini Screwdriver. Set of three. 64-1982 .... 1.49

Screwdriver Set
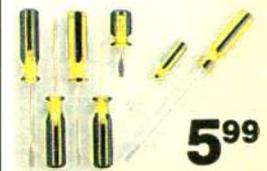
5⁹⁹

7-Pc. Set. Includes stubby, midget, mechanics' sizes and #1-2 Phillips. 64-1823 .. 5.99

8-Pc. Nutdriver
5⁹⁹

Interchangeable tempered steel drivers. ⅛″, ³/₁₆″, ⁷/₃₂″, ¼″, ⁹/₃₂″, ⁵/₁₆″, ¹¹/₃₂″, ⅜″. 64-1800 .... 5.99

6-Pc. Nutdriver
3⁹⁹

Tempered Steel

For hard-to-reach places. Auto and home applications. Easy-grip molded handles. ³/₁₆″-⁷/₁₆″ sizes. 64-1821 .... 3.99

Reversible Driver
2⁶⁹

Driver bar has a Phillips on one end and standard head on the other. 64-1950 .... 2.69

Versatile Set
1⁴⁹

4-pc. set includes an awl, two flatheads and Phillips. 64-1819 .... 1.49

TV Tool Sets

Low As
99ᶜ
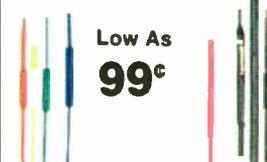
5-Piece. 64-2220 ...... 2.99
2-Piece. 64-2223 ...... 99¢
Anti-Static. 64-2230 .. 3.99

Project Holder

"Helping Hands"
7⁹⁹

A third hand for soldering, gluing, painting, repairing. 64-2093 .... 7.99

Strong Mini-Vise
3⁹⁹

Vacuum Base

Instantly mounts to smooth surfaces. 64-2094 .... 3.99

6″ Forceps
4⁹⁵

3-Position Lock

Use for holding parts and as a temporary heat sink. Curved, serrated tip. Stainless steel. 64-1866 .... 4.95

Locking Pliers
4⁹⁹

Doubles As Wrench

Use it to cut wire, bend light-gauge sheet metal, hold parts. 6″ long. 64-1864 .... 4.99

Mini Clamps
2⁹⁹ **Set of Three**

Securely holds projects together. Openings: ¾″, 1″, 1⁷/₈″. 64-2096 .... 2.99

Nibbling Tool
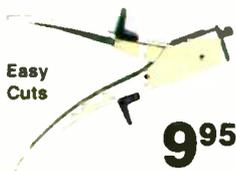
Easy Cuts
9⁹⁵

Neatly cuts up to 18-gauge steel, ¹/₁₆″ copper, aluminum and plastic. 64-823 .... 9.95

Handy Knives
1²⁹

4⁴⁹

10-Blade Knife Set. Interchangeable steel blades. 64-1801 .... 4.49
Multi-Purpose Hobby Knife. 64-1805 .... 1.29

Tapered Reamer
4⁹⁹

Carbon Steel

Cuts holes up to ½″ diameter in aluminum and plastic. 64-815 .... 4.99

Mini Drill
3⁴⁹

Use on PC boards and light material. Two extra bits in the handle. 3¼″ long. 64-2097 .... 3.49

Hex Key Set
2⁹⁹

Has 18 tempered steel keys to fit popular hex nuts. 64-1849 .... 2.99

PRICES APPLY AT PARTICIPATING STORES AND DEALERS

Tools & Accessories to Make Wiring Easy

Revolving Credit Available See Page 3

"Pro"-Quality Wire Stripper

Easy To Use

10⁹⁵

You get nick-free strips every time with this spring-action tool. For 8 to 22-gauge wire. 7" long. 64-1919 . . . . 10.95

## Crimping Tool Set

10⁹⁵ Deluxe Set

Includes heavy-duty tool, 100-piece assortment of popular terminals, compartmented case. 64-409 . . . . 10.95

Professional Tools

(1)
(2)

6⁴⁹ Each

(1) 5¼" Long-Nose Pliers. 64-1812 . . . . 6.49
(2) 4½" Diagonal Cutters. 64-1813 . . . . 6.49

High-Quality Tools

(1)

3⁹⁹ Each

(2)

(1) 4¾" Long-Nose Pliers. 64-1843 . . . . 3.99
(2) 4½" Diagonal Cutters. 64-1841 . . . . 3.99

Super-Value Tools

(1)

3⁴⁹ Each

(2)

(1) 6½" Long-Nose Pliers. 64-1844 . . . . 3.49
(2) 6" Diagonal Cutters. 64-1845 . . . . 3.49

Low-Priced Hardware Handy-Packs

(1) (2) (3) (4) (5)
(6) (7) (8) (9) (10)
(11) (12) (13) (14) (15)
(16) (17) (18) (19) (20)
(21) (22) (23) (24) (25)
(26) (27)

Only 1¹⁹ Each

(1) **Round-Head Machine Screws.** 14 each of 2-56 x ¼", ½" and ¾". 64-3010 . . . . 1.19
4-40, lengths as above. 64-3011 . . . . 1.19
6-32, lengths as above. 64-3012 . . . . 1.19

(2) **Pan-Head Sheet Metal Screws.** Five each of these types: #4 x ½", #6 x ¼", ⅜", ½" #8 x ¼", ⅜", ½". 64-3016 . . . . 1.19

(3) **Steel Machine Hex Nuts.** 40 each: 2-56. 64-3017 . . . 1.19
30 each: 4-40. 64-3018 . . . 1.19
30 each: 6-32. 64-3019 . . . 1.19

(4) **Control Nuts.** Eight each: ⅜"-32, ¹⁵/₃₂"-32 and seven of .475"-32. 64-3020 . . . . 1.19
Metric Control Nuts. Seven each of 13.0 x 2.4 and 15.0 x 2.0. Six each: 15.0 x 1.5. 64-3019 . . . . 1.19

(5) **Steel Flat Washers.** 20 each of #2, #4, #6, #8, #10. 64-3022 . . . . 1.19

(6) **Aluminum Spacers.** Pack of 24. 64-3024 . . . . 1.19

(7) **Vinyl Grommets.** Seven each: ¼", ⁵/₁₆", ⅜". Five each: ⁷/₁₆", ½". 64-3025 . . . . 1.19

(8) **Wire Connectors.** 16 assorted, for sizes 18-12. 64-3026 . . . . . 1.19

(9) **Polypropylene Cable Clamps.** Pkg. of 18. 64-3028 . . . . 1.19

(10) **Solderless Ring Tongue.** Pkg. of 24. 64-3030 . . . . 1.19

(11) **Solderless Spade Tongue.** Pkg. of 24. 64-3031 . . . . 1.19

(12) **Solderless Insulated Ring Tongue.** Four each: #6 (22-18). Two each: #8 (22-18), #6 and #8 (16-14). 64-3032 . . . . 1.19

(13) **Solderless Insulated Spade Tongues.** Assorted as above. 64-3033 . . . . 1.19

(14) **Solderless #10 Spade Tongues.** 12 each: (22-18), (16-14). 64-3034 1.19
Same as above, but five each. 64-3035 . . . . 1.19

(15) **Butt Connectors.** 10 each: (22-18) and (16-14). 64-3036 . . . . . . 1.19

(16) **Insulated Butt Connectors.** Pkg. of 10. 64-3037 . . . . 1.19

(17) **Male Quick-Disconnects.** Pkg. of 8. 64-3038 . . . . 1.19

(18) **Female Quick-Disconnects.** Pkg. of 8. 64-3039 . . . . 1.19

(19) **Insulated Large Ring Tongues.** Pkg. of 6. 64-3040 . . . . 1.19

(20) **Nylon-Insulated Closed-End Connectors.** Five each: (22-14), (16-10). 64-3041 . . . . 1.19

(21) **Solderless Spade.** Pkg. of 10. 60-3042 . . . . 1.19

(22) **Solderless Flanged Spade.** Pkg. of 24. 64-3043 . . . . 1.19

(23) **Solderless Insulated Flanged Spade.** Pkg. of 8. For 22-14 wire size. 64-3044 . . . . 1.19

(24) **Female Flag Quick-Disconnect.** Pkg. of 10. 64-3046 . . . . 1.19

(25) **Solderless Insulated Male/Female Quick-Disconnects.** For 22-14 wire size. Includes four sets. 64-3049 . . . . 1.19

(26) **Bullet Connectors.** Insulated. Pkg. of 9. 64-3047 . . . . 1.19

(27) **Single Female to Dual Male Quick-Disconnect.** Includes three right angle and three offset. 64-3061 . . . . 1.19

Crimping Tool

5⁴⁹ Cushioned Handles

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfort-grip handles. 8½" long. 64-404 . . . . 5.49

Phone Tool

Cushion Grips 6⁹⁹

For "pro"-quality phone installations. Built-in cutter. Use with phone connectors, below. 64-410 . . . . 6.99

Phone Connects

(2)

1¹⁹ Per Pack

(1)

(1) **Insulated Butt Connector.** 64-3073 . . . Pkg. 24/1.19
(2) **Insulation-Piercing Spade Lugs.** 64-3070 . . . . . . Pkg. 24/1.19

Telephone Wire Splices

1⁶⁹ Pkg. Of 4

Industry standard self-strip type. Use when adding additional outlets, also for alarm wiring. 64-3080 . . . . . Pkg. of 4/1.69

Wiring Tool

Many Uses 4⁴⁹

6" long-nose pliers with built-in wire stripper, cutter, crimper and nut wrench. 64-1847 . . . . 4.49

"Dial" Stripper

Turn dial to strip wire. Insulated grips. 64-1952, 3.99

Wire Staples

(1) (2)

89¢ Per Pkg.

(1) **Mini.** Suitable for modular phone wiring. 64-2876 . . . . Pkg. of 50/89¢
(2) **Standard.** For alarm and speaker wiring. 64-2875 . . . . Pkg. of 40/89¢

Car Power Taps

(1) (2)

Low As 1⁴⁹

For fast and safe hookups to car battery cable.
(1) 50 Amp. 64-3055 . . 2.99
(2) 15 Amp. 64-3054 . . 1.49

Nippy Cutters

Spring Action 3⁴⁹

Flush-cutting design lets you trim leads close. 5" long. 64-1833 . . . . 3.49

Stripper/Cutter

Spring Action

For 12 to 24-ga. wire. Insulated. 64-2129 . . 2.59

Storage Boxes

Size	Sect	Cat. #	Each
8½ x 4¾ x 1½"	6 or 18	64-552	2.79
4⅜ x 4⅝ x 1"	6	64-553	1.39

Crimp Lugs

1⁸⁹ Per Pkg.

Ring, Hook, Large and Small Spades. Five types. 64-406 . . . . . . Pkg. of 100/1.89
Insulated Crimp Lugs. Three different types. 64-407 . . . . Set of 75/1.89

Wire Tap-Ins

1⁶⁹ Pkg. Of 10

Just position and squeeze for a secure tap on 18 to 14-gauge wire. Handy for your auto or home projects. 64-3052 . . . . . . Pkg. of 10/1.69

SEE PAGE 92 FOR INFORMATION ON LARGE-QUANTITY DISCOUNTS

139

"Smart" Electrical Controllers and Accessories

Archer® Auto-Power Controller
### Switches Up to Four Electronic Devices

NEW FOR 89 **49⁹⁵**

- Voltage Spike Protection
- Broadband Noise Filter

Now you can turn on or off your entire audio/video system or any other setup using two or more components by switching on or off just one device. When used with VCRs, clock radios or other equipment with built-in timers, the controller gives timed operation of up to four additional devices. Has six outlets—one outlet for the control device, four switched outlets and one unswitched outlet. Adjustable current sensitivity on the control outlet lets you use almost any device as your system's main switch. Features 3-way (line to ground, line to neutral, neutral to ground) voltage spike protection to prevent expensive damage to your valuable equipment. Also has line noise filtering. With 15-amp circuit breaker, 6-foot grounded cord.
61-2781 .... **49.95**

Wall-Mount Light Dimmers

(1) (2) (3)

NEW FOR 89 **NEW FOR 89**

Use them to adjust room lighting to suit your mood or the occasion. These dimmers fit standard wall boxes and are rated 120 VAC, 600 watts maximum. Incandescent only.

(1) Rotary Push on/off. **61-2699** **6.95**
(2) Lighted Slide. Clicks on. Wide, smooth-action control has a wide range for easier operation. Cover plate included. **61-2752** **9.95**
(3) Lighted Toggle. Full-range dimming between on/off positions. Easy to find in the dark.
61-2693 .... **8.95**

Wireless RF Switch

NEW FOR 89 **19⁹⁵**

- Control Most Electrical Appliances Using the Pocket Remote Control
- Instant Plug-In Installation

Inexpensive and convenient on/off pushbutton control. Just plug the receiver module into an AC outlet, then plug a TV, stereo, lamp or small appliance into the module for remote control from nearly anywhere around the home or office. Handles a resistive load of 15 amperes, incandescent lamps of up to 500 watts, or a 400-watt TV receiver, maximum. Remote requires 9V battery.
61-2667 .... **19.95**

AC Voltage Spike Protectors

29⁹⁵ **24⁹⁵**

14⁹⁵ **9⁹⁵** **7⁹⁵**

Protect your valuable electronic equipment with Archer voltage spike protectors. Especially designed to keep AC power line spikes from damaging your stereo, TV, VCR or microwave oven.
Six-Outlet Power Strip. Noise filter and circuit breaker. Lighted on/off switch. 6-ft. cord. Rated 15 amps at 120VAC. **61-2780** **29.95**
Six-Outlet Cordless Power Outlet. With circuit breaker, noise filter. Rated 13 amps at 120VAC. **61-2786** **24.95**
Triple Outlet. With status indicator light. Rated 15 amps at 120VAC.
61-2793 .... **14.95**
Heavy-Duty Single Outlet. Twice the spike protection of standard unit, below. Rated 15 amps at 120VAC. **61-2792** **9.95**
Single Outlet. Status indicator light. 15A, 120VAC. **61-2791** .. **7.95**

Automatic Light Controls

9⁹⁵ **7⁹⁵** **4⁹⁵**

Turn On at Dusk, Off at Dawn

Outdoor. Fits most driveway or patio fixtures with PAR-38 sockets. 150W max. **61-2775** .. **9.95**
Indoor/Outdoor. Fits most table lamps and standard light fixtures. 150W max.
61-2776 .... **7.95**
Night-Light. Brightens as darkness increases. Ideal for child's room, hall, bath.
61-2646 .... **4.95**

Wireless Sonic Switch

19⁹⁵

Turn TVs, lights and appliances on/off by squeezing "whistle." Has adjustable range. 400W.
61-2661 ..... **19.95**

Remote On/Off Switch
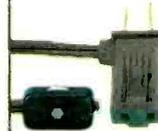
Turn lamps or appliances on/off from chair or bedside up to 15 feet away using this cord with switch. Six-amp current rating.
15-1160 .... **3.99**

Light Bulb Life-Extenders Save You Money

3⁹⁹ Package Of 4

Amazing little rectifiers multiply bulb life up to 100 times. Easy to install—simply attach to bulb base and screw in. For use with incandescent light bulbs only. Not for 3-way bulbs. Rated 25 to 200 watts.
61-2725 .... **4/3.99**

Plugs and Line Switch

(1) Quick-Plug. Replaces your old plug in seconds.
61-2702 .... **1.39**
(2) Flush-Type Wall Plug. For use with "wall-hugging" appliances.
61-2703 .... **1.79**
(3) Line-Cord On-Off Switch. Suitable for lamps and small fans. **61-2713** **1.39**

(1) (2)

(3)
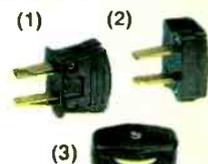
4 and 6-Outlet Power Strips

15⁹⁵

Safely adds extra grounded outlets in your home, shop or office—anywhere you need them. Circuit breaker protects against dangerous shorts and overloads. Six-foot cord with 3-prong plug. Rated 15 amps.
Four-Outlet Power Strip.
61-2620 .... **15.95**

21⁹⁵

Six-Outlet Power Strip. As above, plus lighted on/off power switch.
61-2619 .... **21.95**

Multi-Outlets and Adapter

(1) (2) (3) (4) (5)
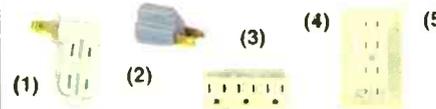
(1) 3-Outlet Cube Tap. 61-2714 .... **1.69**
(2) Grounded Adapter. Converts 3-prong to two.
61-2720 .... **2/1.19**
(3) 3-Outlet. Three-prong type. **61-2705** ... **2.29**
(4) 4-Outlet. Two-wire type. **61-2621** **2.49**
(5) 6-Outlet. Three-prong type. **61-2622** ... **3.99**

Extension Cords

Cords are polarized. HD = Heavy Duty

Feet	Description	Cat No.	Each
6	White, 3-Outlet	61-2744	1.79
6	Brown, 3-Outlet	61-2745	1.79
9	White, 3-Outlet	61-2746	2.19
9	Brown, 3-Outlet	61-2747	2.19
15	Brown, 3-Outlet	61-2748	3.29
25	Brown, 2-Wire	61-2759	3.99
3	Grounded, 3-Outlet, HD	61-2764	4.49
10	Grounded, HD	61-2749	4.29
10	Grounded, 3-Outlet, HD	61-2765	5.49

ALL PRODUCTS ON THIS PAGE ARE UL LISTED FOR ELECTRICAL SAFETY

Money-Saving ENERCELL® Rechargeables

Nickel-Cadmiums Give You Reusable Power
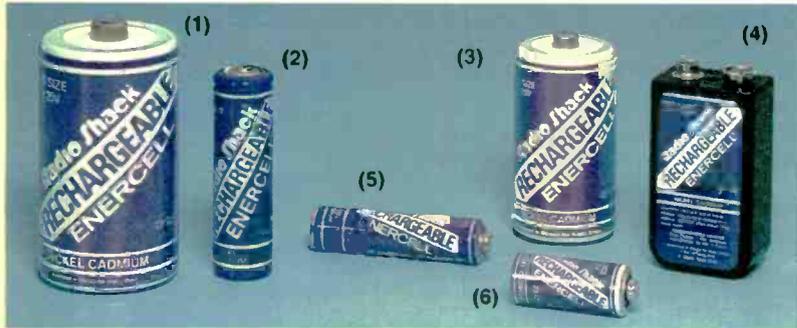
You can recharge these ENERCELL batteries with one of our chargers on this page. Although nickel-cadmiums cost more than ordinary batteries initially, they actually cost much less in the long run because they can be used and recharged over and over again. Fig. 4 is for 9V uses. In six standard sizes for use in all regular battery applications.

Fig.	Cell Type	Volts	Amp Hour	Replacement for			Catalog Number	Price
				Eveready	GE	Duracell		
1	"D"	1.25	1.1	CH50	GC3	NC13	23-123	Pkg. of 2/6.29
2	"AA"	1.25	0.450	CH15	GC1	NC15	23-125	Pkg. of 2/4.39
3	"C"	1.25	1.1	CH35	GC2	NC14	23-124	Pkg. of 2/6.29
4	9-Volt	7.2	0.065	CH22	GC9	NC1604	23-126	Each/9.95
5	"AAA"	1.25	0.150	CH12	—	NC24	23-127	Pkg. of 2/5.39
6	"N"	1.25	0.150	—	—	—	23-121	Pkg. of 2/5.39

Replace-A-Cell™ Ni-Cd Batteries

Use 'em to replace only the bad cell in battery packs for cordless devices, not the entire pack. No need to order costly exact replacements. Also great for making up your own packs. Solder tabs for easy hookup.

Figure	Type	Volts	Amp Hours	Cat. No.	Price
1	Pack	3.60	0.280	23-171	4.95
2	Sub "C"	1.25	1.1	23-190	2/6.29
3	"AA"	1.25	0.45	23-191	2/4.39
4	Pack	3.75	0.5	23-170	9.95
5	Pack	4.80	0.250	23-173	10.95
6	Pack	3.60	0.250	23-172	9.95

HI-CAPACITY™ Heavy-Duty Ni-Cd Cells

Batteries not included

Not for regular nickel-cadmiums

For high-current-drain equipment where dependability is a must. Last much longer than regular Ni-Cd batteries between charges.

Fig.	Cell Type	Volts	Amp Hours	Catalog Number	Each
1	"D"	1.25	4.0	23-140	6.95
2	"C"	1.25	1.8	23-141	4.95

(3) Hi-Capacity Battery Charger. Supplies the higher current required to recharge our exclusive HI-CAPACITY "C" and "D" batteries. Safely charges up to four batteries, in two different sizes, at the same time. UL listed AC. 23-142 . . . . **19.95**

Battery Chargers to Fit Any Budget or Need

(1) Portable Charger. Plugs into vehicle lighter socket. Charges "C," "D," "AA" and 9V Ni-Cd batteries. 12VDC neg./pos. gnd. 23-139 . . . . . . **12.95**

(2) "AA"/"AAA" Charger. Regulated to prevent overcharging. Charges up to six Ni-Cd batteries in 14 to 16 hours. 23-136 . . . . **11.95**

(3) Standard. For use with "D," "C," "AA" and 9V Ni-Cd batteries. 23-132 . . . . **12.95**

(4) Transistor Charger. For Ni-Cd transistor batteries only. Plugs into wall outlet. 23-131 . . . . . . **4.29**

AC units are UL listed for safety.

(5) "AA" Charger. Economical choice for charging personal portables and camera accessories. Recharges up to four Ni-Cd batteries overnight. 23-133 . . . . **5.95**

(6) Deluxe. Charges up to 10 "C," "D" or "AA" nickel-cadmium batteries. Also charges "AAA" or "N" sizes when you add modules below. 23-134 . . . . **29.95**
"AAA" Module. 23-135 . . . . Pkg of 4/1.95
"N" Module. 23-137 . . . . Pkg of 4/1.95
Batteries not included

Racing Pack & Chargers

(1) ENERCELL Ni-Cd Rechargeable Pack. Get the most from your radio controlled racing vehicles. Six-cell construction is ultra lightweight at a mere 320 grams! 23-230 . . . . **24.95**

(2) Battery Pack Charger. Recharges battery pack above in just four to five hours. Six-foot cord. UL listed AC. 23-231 . . . . **9.95**

Available Oct.
30, 1988

(3) Archer Portable DC Fast-Charger. Connects to auto battery. Recharges battery pack #23-230 in only 20 minutes. Features start button and charging indicator. 23-232 . . . . **29.95**

Camcorder Battery 59⁹⁵

High Capacity

Rechargeable nickel-cadmium camcorder battery is designed to get the most from your video system. Lasts twice as long as standard camcorder battery. Keep an extra one on hand! For use with Radio Shack Model 100 and most other popular makes of camcorders. 12V, 1500 mAh.
23-183 . . . . **59.95**
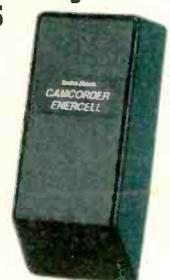
ENERCELL® Batteries for Long-Lasting Power

Extra-Life Batteries for Heavy-Duty Applications
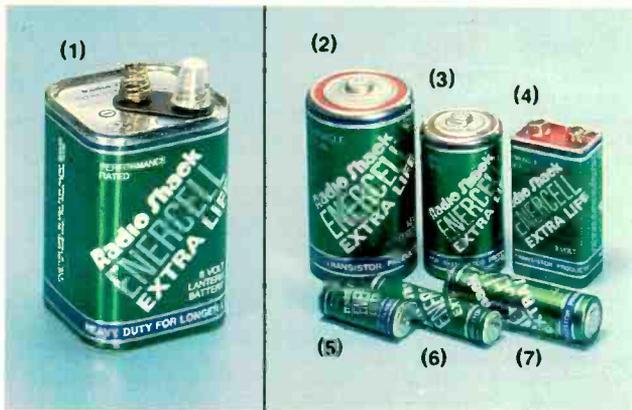
- "Miracle Seal" for Greater Leak Protection Than Most Batteries
- Up to Three Years Shelf Life
- Extra-Rigid Steel Case

Specially processed electrolyte core for longer service life than regular batteries.

Fig.	Cell Type	Replacement for		Cat No.	Each
		Eveready	Ray-O-Vac		
1	6V	1209	944	23-016	3.99
2	"D"	1250	6D	23-580	.59
3	"C"	1235	4C	23-581	59
4	9V Rect.	1222	D1604	23-583	.99
5	"N"	E90	810	23-585	.35
6	"AAA"	912	400	23-584	.39
7	"AA"	1215	5AA	23-582	.39

"Hard-to-Find" Batteries

Fig.	Volts	Replacement for			Cat. No.	Each
		Ever-eady	Ray-O-Vac	Dura-Cell		
1	4.5	*	844	....	23-174	12.95
2	12	732	926	M926	23-007	10.39
3	12.6	304116	....	304116	23-670	12.99
4	11.2	E431BP	....	TR431	23-671	12.99
5	6.0	....	....	....	23-181	9.95
6	1.45	AC675	R675ZA	DA675	23-150	2/1.69
7	5.6	E164	....	PX32B	23-463	5.79
8	6.0	539	867	7K67	23-471	3.59
9	1.3	....	....	....	23-151	3.95
10	1.35	E625	T625N	RM625	23-462	1.49
11	1.35	EPX13	....	PX13B	23-470	1.99
12	7.0	E175	T175	TR175	23-601	4.99
13	1.4	E401	T401	MP401	23-660	1.99
14	22.5	505	221	M505	23-510	4.29
15	1.4	E640	T640-1	RM640	23-1515	2.19
16	12.0				23-144	.89
17	6.0	A544	RPX28	PX28L	23-469	3.99

*For IBM® PC/AT Computers. Reg.TM IBM Corp.

Reliable General-Purpose ENERCELL Batteries

Compare! You Won't Find A Better Value Anywhere!

- Cost Less Than Most Brands
- Protected Against Leakage
- Always Fresh and Strong
- Millions Sold Every Year

For the power you need, our most popular batteries! We sell millions each year so our stock is always fresh and strong. Compare to the other brands and you'll see what a great value these batteries really are. Stock up now!

Fig.	Cell Type	Replacement for		Cat No.	Each
		Eveready	Ray-O-Vac		
1	"C"	935	14	23-467	.37
2	"D"	950	13	23-466	.37
3	9V Rect	216	1604	23-464	.59
4	"AA"	915	15	23-468	.29
5	6V	509	941	23-006	2 89

One of America's Favorite Batteries!

Battery Checkers

Low As

4⁵⁹

For All Popular Sizes

(1) **Handy Checker.** For "D", "C", "AA", "AAA", "N" and 9V in zinc-carbon, alkaline, nickel-cadmium. 22-096 .... **6.95**

(2) **Radio Shack Checker.** Tests "D", "C", "AA", "AAA" and 9V sizes. 22-098 .... **4.59**

Archer® Battery Charger
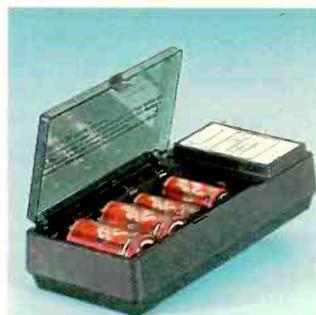
13⁹⁵

Charges 2 or 4 Batteries

Charges "C", "D", "AA", and 9V. Cannot overcharge. For ENERCELL General-Purpose and Extra-Life only. 2¹/₄ × 8¹/₂ × 3³/₄". UL listed AC. 23-120 ...... **13.95**

Get Your Free Battery Card

Up to

$7⁰⁸

Value!

Join our Battery-A-Month Club and get one General-Purpose "D", "C", "AA" or 9V ENERCELL each month for a year! No obligation, nothing to buy, it's just our way of encouraging you to visit our stores. Get yours today!

At participating Radio Shack stores and dealers. 6V lantern battery excluded.

Radio Shack is Headquarters for Batteries

Revolving Credit Available
See Page 3

(1) (2) (3) (4) (5) (6)
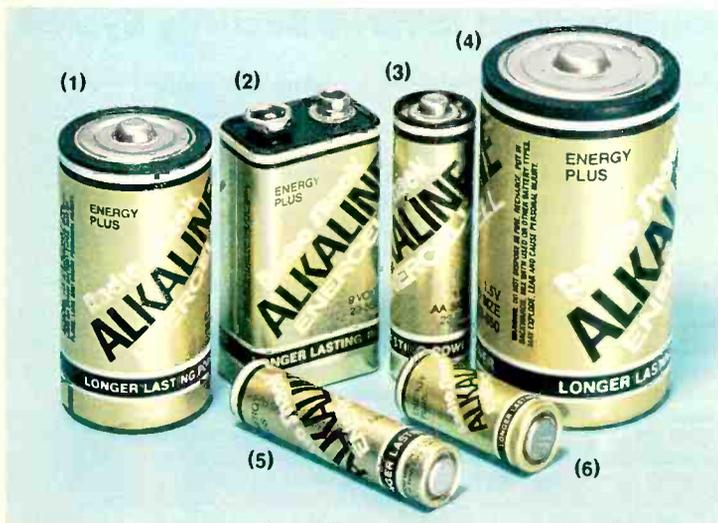
Premium-Quality Alkalines With Long-Lasting Power and Shelf Life

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life ■ High Output at Low Temperatures
- Anti-Corrosion Contacts ■ Cost Less in the Long Run

Try 'em and see for yourself! Our exclusive alkalines retain full power through long periods of storage at normal temperatures, and work well in the lowest temperatures. Each delivers top performance even under high current drain. Steel clad, insulated and dependable!

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
1	"C"	814	E93	MN1400	23-551	Pkg. 2/2.39
2	9V Rect.	A-1604	522	MN1604	23-553	Each 1.79
3	"AA"	815	E91	MN1500	23-552	Pkg. 4/2.79
4	"D"	813	E95	MN1300	23-550	Pkg. 2/2.39
5	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
6	"N"	81C	E90	MN9100	23-023	Pkg. 2/1.49

ENERCELL Hearing Aid Battery Packs

1.45V Air-Activated Packs

Light, yet have about twice the capacity of other types. Air-seal protected for long shelf life.

Radio Shack	Replaces			Cat. No	Price
	Ever-eady	Ray-O-Vac	Dura-cell		
675HP	AC675E	R675ZA	DA675	23-157	Pkg. 3/2.39
13HP	AC13E	R13ZA	DA13	23-158	Pkg. 3/2.39
312HP	AC312E	R312ZA	DA312	23-159	Pkg. 3/2.39

1.4V Mercury-Powered Packs

Don't miss a word just because of a bad hearing aid battery! Radio Shack has long-life replacements.

Radio Shack	Replaces			Cat No	Price
	Ever-eady	Ray-O-Vac	Dura-cell		
P675M	EP675	RP675	MP675H	23-145	Pkg. 6/2.79
13M	E13E	R13	RM13	23-146	Pkg. 6/2.79
312M	E312E	T312	RM312H	23-148	Pkg. 6/2.79

Batteries for Your Calculator

Heavy-Duty Alkalines

Outperform and last longer than standard carbon-zinc batteries, even under high current drain conditions. Long storage life.

Radio Shack	Replaces			Cat. No	Ea.
	Ray-O-Vac	Eveready	Maxell		
357A	RW82	A76	LR44	23-115	.89
386A	RW84	186	LR43	23-116	.89
389A	RW89	189	LR1130	23-117	.89
391A	. . . .	191	LR1120	23-118	.89

Hi-Energy Lithiums

High Leakage Resistance

Outperform alkalines! High energy density, extra-long life, lighter in weight.

Radio Shack	Replaces			Cat No.	Each
	GE	Eveready	Duracell		
CR2016H	CR2016	E2016	DL2016	23-160	1.79
CR2025	CR2025	E2025	DL2025	23-161	1.79
CR2032	CR2032	E2032	DL2032	23-162	1.79
CR1620	. . . .	. . . .	. . . .	23-164	1.79
BR2020				23-165	1.79
CR2430	. . . .	. . . .	DL2430	23-166	1.79
CR1616	. . . .	. . . .	. . . .	23-167	1.79
BR2325	. . . .	. . . .	. . . .	23-168	1.79
BRP2*	. . . .	EL223A	DL223A	23-175	12.95

*Exact-Replacement 6V Lithium Battery Pack for Use In Cameras and Memory Backup in PCs

Calculator and Watch Batteries

Formulated to keep working longer and harder than comparable batteries, these ENERCELLs are custom-engineered for electronic applications.

Radio Shack	Replaces				Cat. No.	Price
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357	G13, 541	23-009	1.99
389	389	RW49	D389	G10, V10GS	23-101	1.29
392	392	RW27/47	D392	G3, 547	23-102	.99
393	393	RW28/48	D393	G5, 546	23-103	1.49
303	303	. . . .	D303	GS14, 521	23-104	1.99
357	357	RW22/42	D357	G13, 541	23-105	1.99
386	386	RW24/44	D386	G12, 548	23-106	1.49
391	391	RW40	D391	G8, V8GS	23-107	1.29
323	323	RW58	D323	Type C, 506	23-108	.99
343	343	RW56	D343	Type B, 509	23-109	.99
362	362	RW310	D362	Type S, 532, SR721	23-110	.99
364	364	RW320	D364	Type T, 531, SR621	23-111	1.29
396	396	RW411	D396	Type V, 556, SR726	23-112	1.29
399	399	RW413	D399	Type W, 543, SR926	23-113	1.29
390	390	RW39/390	D390	603, 534, SR1130	23-201	1.29
329	329			24, 525	23-202	.99
371	371	371	D371	SR920, 30, 537	23-203	1.29
377	377	377	D377	SR626, 37	23-204	1.29
384	384	384	D384	SR41, 10, 527	23-205	.99
395	395	395	D395	SR926, 25, 523	23-206	1.29
397	397	397	D397	SR726, 26, 536	23-207	1.29
675B2	EP575	RP675	MP675	8107, M13	23-1521	Pkg. 2/1.49

Light Where You Need It When You Need It

Dual-Floodlight Infrared Security System

NEW FOR 89
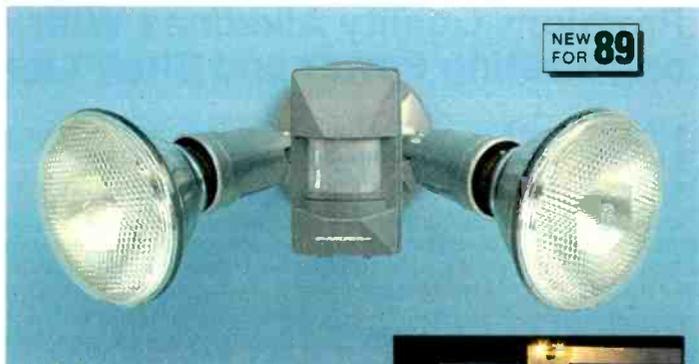
Helps Make Your Home Safer For You and Your Family

Illuminate Entryway or Drive

59⁹⁵ Flood lights not included

With Automatic Motion Sensor

- Infrared Sensor Automatically Turns Lights on When It Detects an Intruder
- Safely Lights Your Way When You Come Home at Night and Welcomes Your Guests
- Protects Over 2000 Square Foot Area With Light

Protect your home or business at night with a burglar's worst enemy—light! When the system detects body heat and motion, it automatically switches lights on to provide you and your family with security, safety and convenience after dark. "Lights on" time is adjustable from 10 seconds to 20 minutes. Select the darkness level at which you want the lights to activate. Or control lights from a standard wall switch inside your home. Precision crafted sensor provides extreme sensitivity and high reliability. Easily mounts in place of existing light fixture. Weather-resistant housing. Installs in minutes using household tools. Includes easy-to-follow installation instructions. UL listed AC. 61-2602 . . . . **59.95**

Metal Pocket Light

NEW FOR 89

9⁹⁵

- Aluminum Construction
- Super-Bright Krypton Bulb

Adjustable beam can be seen for almost a mile! Rotate the head to turn on/off, or to adjust beam pattern from flood to spot. Can be used as 360° area light. Requires 2 "AA" batteries. 61-2736 . . . . **9.95**

3-in-1 Fluorescent Lantern

NEW FOR 89

14⁹⁵

Use as searchlight, area light or warning light. Twin blinkers. Handy carry strap, 12VDC car adapter cord. Requires 4 "D" batteries. 61-2739 . . . . **14.95**

Halogen Bulb Light

10⁸⁸

2³⁹ Value With Alkaline "D" Batteries

Our best is 300% brighter than ordinary flashlights. Designed for durability, its water-resistant housing and lens are virtually unbreakable. 61-2737 . . . . **10.88**

Rechargeable Light

21⁹⁵ **Automatically Lights When AC Power Fails**

Emergency light and cordless lantern. Built-in nickel-cadmium batteries. With wall bracket. UL listed charger. 61-2740 . . . . **21.95**

ENERLITE™ Values

(1) NEW FOR 89

9⁹⁹

(2)

4⁹⁹

(3)

3⁹⁹

(1) Halogen Bulb Lantern. 300% brighter. Requires 4 "D" batteries. 61-2525 . . . . **9.99**

(2) Adjustable Focus Krypton. Metal case, clip. Requires 3 "D" batteries. 61-2541 . . . . **4.99**

(3) Rugged Prefocused Krypton. With signal button, clip. Requires 2 "D" batteries. 61-2540 . . . . . . **3.99**

2-in-1 Mini Light

7⁹⁵

Fluorescent light for reading and extra-bright flashlight. Requires 3 "C" batteries. 61-2734 . . . . **7.95**

Krypton Lantern

NEW FOR 89

4⁹⁹

It Floats!

70% brighter than ordinary lanterns! Ideal for boat, camper, car and home. Requires 6V battery. 61-2521 . . . . **4.99**

Hands-Free Light

3⁹⁹

Puts light where you look. Pivots up/down. Requires 2 "AA" batteries. 61-2510 . . . . **3.99**

Economy Flashlights

(1) Five-Cell. Requires 5 "D" batteries. 68-1022 . . . **1.98**

(2) Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2639 . . . . . . **2.19**

(3) Lowest Priced Flashlight. Requires 2 "D" batteries. 61-2624 . . . . . . **99¢**

(4) Four-Cell. Requires 4 "C" batteries. 68-1040 . . . **1.98**

(5) Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 . . . . . . **2.19**

(6) Penlite. Pocket clip. Metal. Requires 2 "AA" batteries. 61-2626 . . . . . . **2.29**

Disposable Lights

(1) **(2)**

(1) Krypton Handi-Lite. Up to 70% brighter than ordinary flashlights. With batts. 61-2530 . . **2.59**

(2) Cliplite. With battery. 61-2625 . . . . **1.69**

(1) (2) (3) (4) (5) (6)
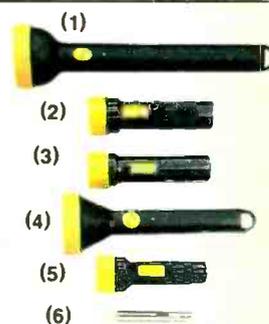
SAFE HOUSE® Makes Your Home Secure

Infrared Motion-Sensing Alarm System
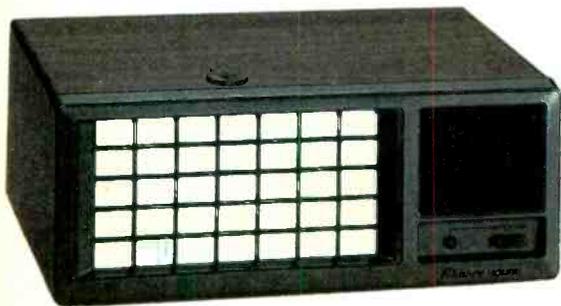
99⁹⁵

Low As $15 Per Month *

Easy to Install— Just Plug Into AC

Just the thing for apartments and small homes. Sensitive alarm detects intruder's heat and motion in a 20 × 30-foot "cone of protection." Use the "walk-test" LED to define the protected area. Built-in alarm auto-resets after five minutes. Has 15-second entry and 20-second exit delay. Terminals for external alarm, remote arm/disarm switch, security dialer. Battery backup if AC fails. 3³⁄₄ × 10¹⁄₂ × 8¹⁄₄". UL listed AC. Backup requires 8 "C" batteries. 49-308 . . . . **99.95**

Ultrasonic Motion-Sensing Alarm

59⁹⁵

No Wiring To Install

Just Plug Into AC Outlet

Uses sophisticated ultrasonic sound elements to protect a 20 × 30-foot area in your home. Loud internal alarm can be set to sound instantly when motion is detected, or can be programmed for a 15-second entry delay or a 20-second exit delay. Alarm auto-resets after five minutes of operation. Adjustable sensitivity control, "Walk-test" LED to define protected area, plus terminals for adding an external sounder and remote on/off switch. Provision for adding battery backup (requires 12V lantern battery). 2³⁄₄ × 9¹⁄₂ × 8¹⁄₄". UL listed AC. 49-303 . . . . **59.95**

Photorelay Alarm System With Pulsed Infrared Beam

One-Piece Receiver-Transmitter
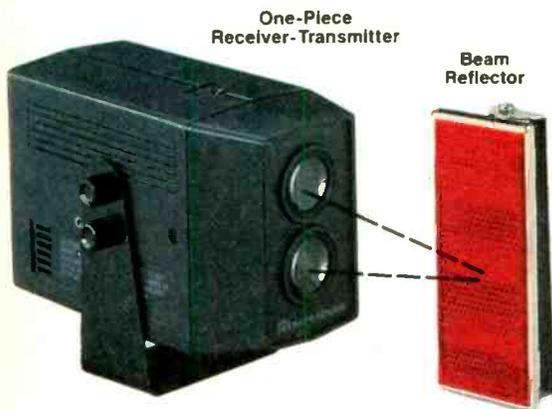
Beam Reflector

69⁹⁵

- Guards Against Intruders
- Announces Guests Or Customers

One-piece receiver/transmitter fires an invisible beam of light to the reflector (up to 50 feet), which bounces it back. Built-in buzzer sounds if beam is interrupted. Alarm can be set to sound momentarily with auto-reset. LED test alignment indicator, adjustable sensitivity control. Provisions for adding battery backup (requires 12V lantern battery), external strobe, bell, siren or auto-dialer. May be used with a central alarm system. Adjustable mounting bracket. 4¹⁄₈ × 3 × 7¹⁄₄". UL listed AC. 49-307 . . . . **69.95**

Door Alarm & Entry Chime

24⁹⁵

- Arms With Keyboard Code
- Exit/Entry Delay

Provides low cost alarm protection, plus a pleasant-sounding chime that announces callers. Do-it-yourself installation. 6⁵⁄₈ × 2³⁄₄ × 1¹⁄₄". Requires 9V alkaline battery. 49-422 . . . . . . **24.95**

Compact Size

## Window/Door Alarms

11⁹⁵ Each

(1) **(2)**

Loud Built-In Alarms

(1) Electronic Door or Window Alarm. Mounts quickly with screws or double-sided tape. Key-operated on/off switch. Entry/exit delay. 5¹⁄₈ × 2¹⁄₄ × 1¹⁄₄". Requires 9V alkaline battery. 49-421 . . . . **11.95**

(2) Motion-Sensing Alarm. Mount on door or window to warn of intruders or on medicine cabinet door to alert you if children gain access. Alarm resets after one minute. 4¹⁄₄ × 2¹⁄₄ × 1¹⁄₈". Requires 9V battery. 49-419 . . . . **11.95**

Personal Security Devices

(1) **(3)**

(2)
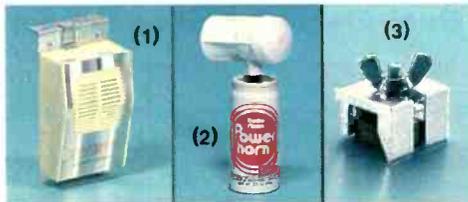
Protect Yourself and Your Home

(1) Powerhorn* Jr. Window/Door Alarm. Loud built-in alarm. Includes mounting screws and adhesive backing. Install several. 49-494 . . . **3.49**
(2) Pocket-Size Powerhorn. Use to summon aid. Fits in pocket or purse. Loud blast can be heard up to one-half mile! 49-600 . . . . **6.49**
(3) Window/Door Stop. Deters break ins. Halts opening and closing of sliding windows and doors. Adjustable. 49-540 . . . . **1.19**

Ionization-Type Smoke Alarm

14⁹⁵

"Quiet-Reset" Silences Alarm for Eight Minutes

Attaches To Wall **Mounts on Ceiling** **9V Battery Included**

Detector responds to 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 then "beep" once per minute. Heavy smoke overrides reset to sound alarm continuously. Use several for extra safety. 5¹⁄₄" dia. × 2". With hardware. UL listed. 49-458 . . . . **14.95**

RADIO SHACK IS YOUR HOME SECURITY HEADQUARTERS

145

SAFE HOUSE® 24-Hour Alarm System Protection
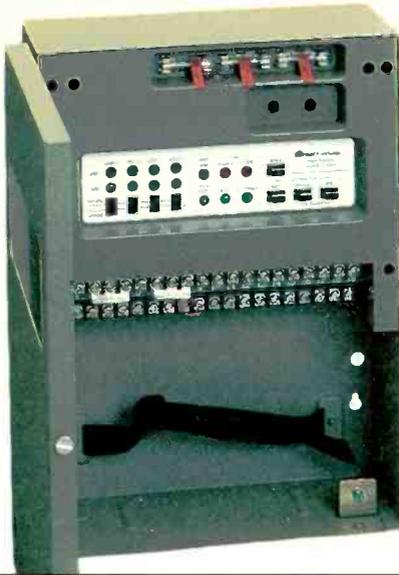
Burglar and Fire Alarm Center

159⁹⁵

Low As $15 Per Month ★

- ■ Six Alarm Systems in One ■ Battery Backup
- ■ Complete Around-the-Clock Fire Protection

Protect yourself and your home with this sophisticated, easy-to-install perimeter/interior alarm and fire detection system. The control unit's four independently operated burglar alarm trigger "loops" permit selectable zones of protection to suit your family's lifestyle. A supervised fire alarm loop stays armed 24 hours to alert you of smoke or fire instantly. An additional 24-hour protection loop can be connected to switches that immediately alert you of tampering. Or hook up a panic button to sound the alarm instantly, whether system is armed or not. Magnetic switches, smoke, temperature, motion and other sensors may be added anytime. It can even activate a phone dialer to automatically call for emergency help. Transformer plugs into 120VAC. Battery backup in case of AC failure. Variable entry delay up to 40 seconds and exit delay up to 45 seconds. 13 x 9½ x 3¾". UL listed AC. Backup requires two #23-181 batteries, below. **49-470** **159.95**

6V Rechargeable Battery. 23-181 .... Each **9.95**
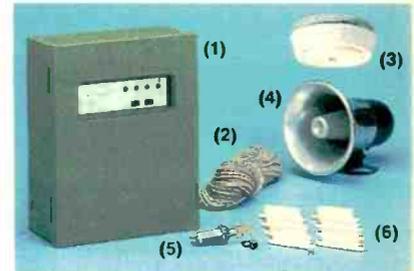
Alarm System Package

Save $29³⁰ Reg. Separate Items 244.25

Low As $15 Per Month ★ **214⁹⁵**

(1) Alarm Control Unit, 49-470
(2) 100 Feet of Wire, 278-860
(3) System Smoke Alarm, 49-481
(4) Electronic Siren, 49-488
(5) Lock and 2 Keys, 49-523
(6) Magnetic Switches (4), 49-495

Burglar Alarm Control Center

99⁹⁵

Low As $15 Per Month ★

- ■ Reliable 24-Hour Security
- ■ Add Accessories to Custom Design Your Own System

The same type used by the professionals! Design your security around alarm bells, sirens, strobes, key locks, vibration and glass-breakage detectors or motion sensors. The system has two alarm "loops"—one instant, one with adjustable 0-45 second entry/exit delays. Add up to ten arm/disarm key switches for entrances. There's even a 24-hour panic switch circuit. Alarm shuts off after five minutes, then resets. Low-voltage transformer plugs into 120VAC and has automatic battery backup in case of AC failure. Four LED status indicators. Power-on and arm/memory LEDs assure system is armed and ready. Loop indicator lights when all detectors are in their normal state and show if any window or door is unprotected. Battery and bell test buttons. All-steel control unit, 11⁷/₁₆ x 8¼ x 3⁹/₁₆". UL listed AC. Backup requires two #23-181 batteries, below. **49-450** **99.95**

6V Rechargeable Battery. 23-181 .... Each **9.95**
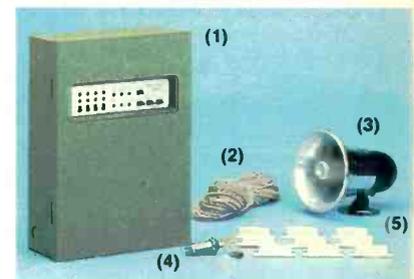
Alarm System Package

Save $19³⁵ Reg. Separate Items 149.30

Low As $15 Per Month ★ **129⁹⁵**

(1) Alarm Control Unit, 49-450
(2) 100 Feet of Wire, 278-860
(3) Electronic Siren, 49-488
(4) Lock and 2 Keys, 49-523
(5) Magnetic Switches (4), 49-495

Smoke/Heat Sensors

(1) Continuously monitors for smoke or combustion particles. Four-wire hook-up system is powered by 49-470 System Center. Cannot be used alone or with 49-450. Has loud, built-in alarm. 5¼" dia. x 2". UL listed. **49-481** **34.95**

(2) **135° Heat Sensor.** Use in kitchens, bathrooms, and other areas not suited for a conventional smoke sensor. Use with 49-470 or similar system. **49-482** **6.95**

190° Heat Sensor. As above but for attics, furnace rooms and garages. **49-483** **6.95**

Dual-Element Motion Sensor

59⁹⁵

Built-In Tamper Switch

Infrared sensor detects intruders by sensing body heat. Dual-element design extends coverage zones and helps prevent false alarms. For 49-450 and 470 alarm control centers. Walk-test LED determines area covered. Requires 12VDC at 20 mA. UL listed. **49-531** ... **59.95**

Infrared Photorelay Sensor

Beam Reflector

One-Piece Receiver Transmitter
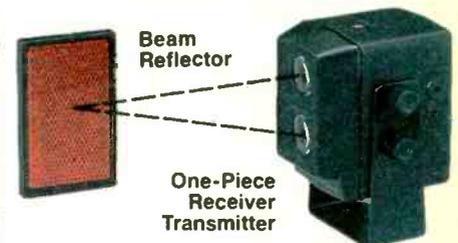
34⁹⁵

Pulsed Beam Guards Openings to 30 Feet

Projects an invisible beam of infrared light across a space to the included reflector. When the beam is broken, the sensor instantly alerts your alarm system. With mounting hardware, instructions. Requires 12VDC at 60mA from alarm center. UL listed. **49-551** **34.95**

146

Accessories to Customize Alarm Systems

Automatic Emergency Message Dialer

99⁹⁵ Low As $15 Per Month ★

- Use With Your Alarm System
- Large Instant-Dial "Panic" Button
- Dials Up to Three Numbers Automatically

Can be triggered by an alarm system or by the touch of a button. Dials up to three numbers in sequence and plays your prerecorded message. 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. 3½ × 9 × 6½". 49-431 ... 99.95

Locks and Key Switches
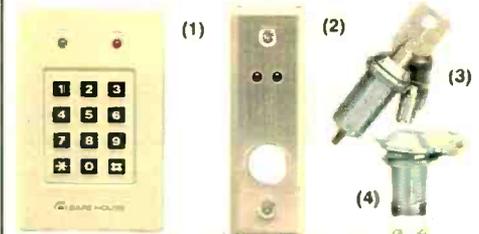
(1) **Digital Key Switch.** Programmable secret code arms/disarms system. Requires 10-16VDC at 70mA. UL listed. 49-535 .... **21.95**
In-Wall Mounting Box. For above. 279-341 .. 2.59
(2) **Remote Key Plate.** Red and green LED status indicators, tamper switch. For most key switches. For 6 and 12VDC. Mounting hardware. 49-524 ..... 6.95
(3) **High-Security Round Lock Switch.** Momentary contact for 49-450, 49-470. Two keys. 49-523 .. 9.95
Locking. Similar to 49-523 but with locking contact. 49-511 .... **9.95**
(4) **Lock Switch With Cover.** Spring-loaded cover, screw terminals. Two keys. 49-515 .... 4.79

Door and Window Contacts
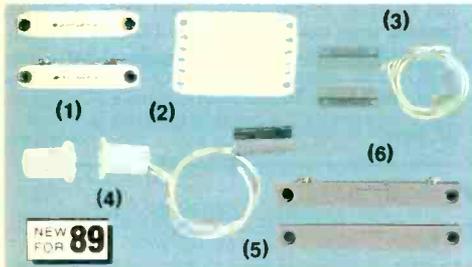
Fig.	Description	Cat. No.	Price
1	Door/Window Switch (N.C.)	49-495	3.49
-	Door/Window Switch (N.O.)	49-512	4.99
2	Spacers (For Above)	49-519	Pkg. 6/1.19
3	Mini Magnetic Switch (N.C.)	49-497	3.99
4	NEW! Press-Fit Switch (N.C.)	49-505	5.99
5	Concealed Magnetic Switch	49-496	3.99
6	Wide-Gap Switch (N.C.)	49-499	5.99

Foil, Contacts and More
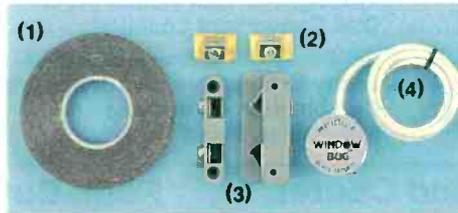
(1) **Foil.** Connects to alarm and glass. 120-foot × ³⁄₈" roll. 49-502 .... **5.99**
(2) **Self-Adhesive Foil Connectors.** UL listed. 49-504 .... **3 Pair/2.59**
(3) **Foil/Vibration Sliding Window/Door Contact.** Mount half on window or door, other half on frame. UL listed. 49-518 .... **3.99**
(4) **Glass Breakage Detector.** Guards up to 32 square feet. For open or closed circuits. UL listed. 49-516 .... **7.95**

Alarm System Accessories
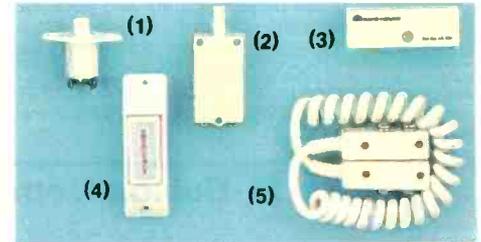
(1) **Contact Switch.** N.C. UL listed. 49-513 ... 1.29
(2) **Tamper Switch.** N.O. UL listed. 49-528 ... 1.59
(3) **Vibration Detector.** Adjustable sensitivity. For N.C. loops. UL listed. 49-521 .... 3.95
(4) **Panic Switch.** Press button to close contacts. For N.O. loops. UL listed. 49-517 .... 1.49
(5) **Jumper Cord.** Perfect for adding protection to doors with decorative glass. 49-548 .... 3.99

Sight, Sound and Wire

(1) **High-Power 2-Sound Siren.** Loud rise-fall or steady sound. Adjustable base. Weatherproof. Requires 6-12VDC at 1 amp. 49-525 .... 39.95
(2) **NEW! High-Efficiency 2-Sound Siren.** Rise-fall or steady tone. Weatherproof. Piezo circuit uses less than ⅓ amp. 12VDC. 49-487 .... 22.95
(3) **Indoor/Outdoor 2-Sound Siren.** Rise-fall or steady sound. Requires 12VDC at 0.5 amp. 49-488 ... 19.95
(4) **NEW! Indoor 2-Sound Siren.** High-efficiency piezo circuit designed for most residential alarm systems. Mount on wall or ceiling. 12VDC. 49-490 ..... 12.95
(5) **High-Efficiency Siren.** Small size, big "yelp." For interior use only. 12VDC. 49-489 .... 10.95

(6) **Heavy-Duty 8" Alarm Bell.** UL listed. Requires 12VDC at 0.6 amp. 49-498 .... 19.95
(7) **NEW! Siren Enclosure.** Sturdy metal enclosure perfect for secure outdoor installation of 49-488 or similar siren. 49-486 .... 12.95
(8) **Piezo Buzzer.** Pulsing or continuous. For pre-alarm buzzer. 4-28VDC. 273-068 .... 7.95
(9) **Security Strobe Light.** Helps police or fire department locate your home quickly during emergencies. Weatherproof. Requires 12VDC at 0.2 amp. 49-527 .... 19.95
(10) **Warning Decals.** Vinyl adhesive mounts on glass, warns would-be burglars. 49-507 ..... Pkg of 4/1.19

(11) **100-Foot 2-Conductor Twisted Wire.** Use to make alarm system connections. 22-gauge. 278-860 .... **5.49**
300-Foot 2-Conductor Twisted Wire. 278-861 .... **15.95**
(12) **100-Foot 6-Conductor Cable.** Minimizes number of cables between alarm center and detectors/switches. 278-374 .... **13.95**
(13) **NEW! Universal Plug 'n Power Interface.** Turns on or flashes lights when activated by alarm system. 61-2687 .... **19.95**
(14) **NEW! Latching Continuity Tester.** Makes alarm system troubleshooting much easier. 22-110 .... 16.95

SALE AND USE OF MOBILE SIRENS IS PROHIBITED IN CALIFORNIA & CERTAIN OTHER STATES. USE OF EMERGENCY MESSAGE DIALER MAY BE REGULATED BY STATE OR LOCAL LAW

# Plug 'n Power™ for Security and Convenience
Enjoy Remote-Control of Lights and Appliances All Around Your Home

Pushbutton Total Home Control

Remote Control Convenience

Turn On/Off, Dim Lights

Turn On/Off TV or Stereo

Start Your Morning Coffee

NEW FOR 89 **29⁹⁵**

Remote Mini Controller Timer

Give your house that "lived-in" look, 24 hours a day. Just plug in and use with Modules below. Program daily/weekly on/off times for lights and appliances, or operate manually. It's also a digital alarm clock. Use with other controllers or independently. Has wake up buzzer alarm, sleep for on/off after preset time interval, security for varied on/off times, once on/off functions and battery backup. 2⅛ x 5½ x 3⅜". Backup requires 9V battery. **61-2670** **29.95**

- You Never Have to Come Home to a Dark House Again
- Establish Security by Turning Lights On Before Coming Home or When You Hear Strange Noises
- Control Lights and Appliances Throughout Your House From One Convenient Location
- Simple to Set Up—No Rewiring
- Easily Expandable by Adding Any Combination of Modules and Controllers Below
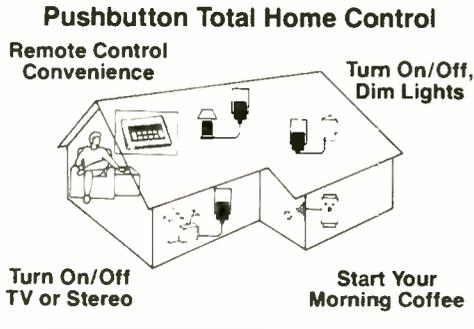
39⁹⁵

Wireless RF Remote

Turn on/off your outside and inside lights from your driveway or other remote location—here's the freedom to control devices from inside or outside your home. Receiver/transmitter module has a 15-amp maximum load AC outlet. Controls up to three more sets of devices using modules below. Transmitter requires 9V battery. Extra transmitters available on special order. **61-2675** **39.95**

Deluxe 16-Button Command Center
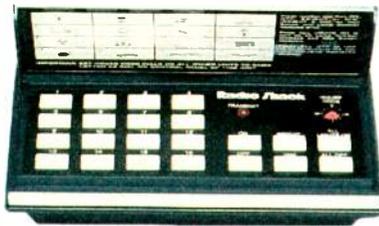
24⁹⁵

Dim and Bright Controls

Controls up to 16 sets of modules, below. All-lights-on button doubles as a panic switch in emergencies. 1⅜ x 6 x 4¼". **61-2690** **24.95**

Four-Button Mini Controller

12⁹⁵

Double-function buttons control up to eight sets of Plug 'n Power Modules. Same features as Command Center at left. 1 x 4½ x 3¾". **61-2677** **12.95**
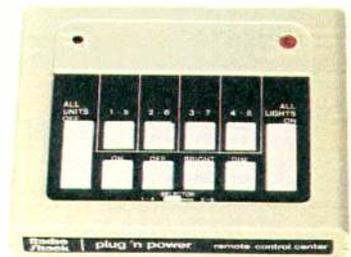
Universal Interface

NEW FOR 89 **19⁹⁵**

- Allows Your Alarm System or Other Device to Activate Remote Modules
- Lights On, Flashing And All-On Modes

Use with any contact switch or low-voltage AC, DC or audio output like alarm system, photocell, or sensor to control modules, right. Just connect wires to control device and plug into AC. 3½ x 2⅛ x 1½". **61-2687** **19.95**

Available Sept. 30, 1988

Plug 'n Power Remote Control Modules

Wall modules fit standard electrical boxes. Others are 2¹⁵⁄₁₆ x 2⅛ x 1⅜".
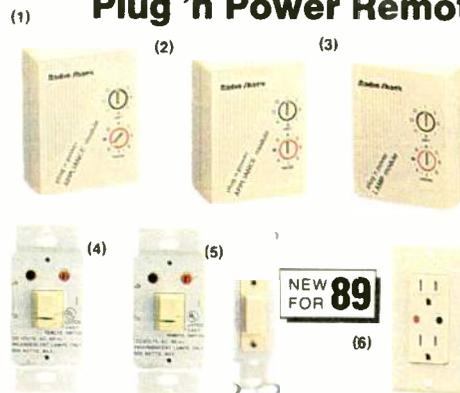
(1) On/Off Appliance Module. Resistive load 15A, ⅓ HP motor, incandescent 500W. TV 400W. **61-2681** **12.95**

(2) Universal Appliance Module. For 3-prong plugs. Ratings same as above. **61-2684** **13.95**

(3) Lamp Dimmer Module. Convenient on/off and bright/dim control of incandescent lamps up to 300 watts. **61-2682** **12.95**

(4) Wall Switch Module. Dims and brightens with controller. Pushbutton override. Incandescent 500W. **61-2683** **12.95**

(5) NEW! Three-Way Wall Switch Module. Same as above, for two-switch application. With companion switch. **61-2686** . . . **15.95**

(6) NEW! Wall Outlet Module. One outlet is "remote" the other is on at all times for normal operation. 1800W. **61-2685** **15.95**

ALL CONTROL SYSTEMS, TIMERS AND MODULES ARE UL LISTED AC FOR ELECTRICAL SAFETY

Electronics for Your Health and Home

Eight-Event 24-Hour Program Timer

Starts Your Morning Coffee

19⁹⁵

Automatic Control of Lights and Appliances

Makes people think you're at home even when you're not! Program up to four on and four off daily settings. Select a "fixed time" setting to start your coffee or turn on a light before you get home at night. LCD clock display. Controls one device. Rated 15A. 5⅛ x 2½ x 1⅜". Requires "AA" battery for memory backup. **63-891** **19.95**

Clock/Rotary Timer

Beeps at Zero

14⁹⁵

Times to 100 minutes. 2¹¹⁄₁₆ x 2½ x ¹⁵⁄₁₆". Requires "AA" battery. **63-882** **14.95**

Pocket Timer

14⁹⁵

Times up to 99 minutes, 59 seconds. 2¼ x 2½ x ⁷⁄₁₆". Includes RS357A battery. **63-880** **14.95**

Stick-On Clock

3⁹⁹

Calendar/Timer

Times to 15 minutes. Clock shows month/date. 1½" dia. x ⅝". With RS357A battery. **63-840** **3.99**

Pocket/Magnet Timer

10⁹⁵

Maximum of 99 minutes, 59 seconds. 2¹¹⁄₁₆ x 2½ x ¹⁵⁄₁₆". With RS357A battery. **63-879** **10.95**

Seven-Day Digital Timer

Random or Fixed On/Off Control

29⁹⁵

Seven on/off settings for either weekly or daily programming. Instant on/off override. Battery backup maintains time and program during AC power failures. LCD clock display. Rated 15A, 1875W. Backup requires 2 "AA" batteries. 1¼ x 5½ x 4½". UL listed AC. **63-889** **29.95**

Low-Priced Micronta® Timers

Control lamp or appliance with 24-hour cycle.

All Timers UL Listed for 15A 120VAC.

(1) Plug-In. Cordless—plugs into wall. Two on/off settings daily. Max. 21½ hours on. 3⅞ x 2¾ x 1⅞". **63-862** **7.95**

(2) Tabletop Multiple. 12 on/off settings daily. Override. 1⅞ x 2¾ x 3⅞". **63-865** **14.95**

(3) Multiprogram Plug-In. Cordless. 24 on/off settings daily. Override. 3⅞ x 2¾ x 1⅞". **63-864** **9.95**

Blood Pressure & Pulse Tester

49⁹⁵

- **Accurate Digital Readings**
- **One-Hand Operation**

Uses pulsation method for reliability. Systolic and diastolic readings. Pressure and pulse are alternately displayed. Auto power-off and deflation. 1⅝ x 4¼ x 4⅝". Requires 9V battery. **63-662** **49.95**

Fever Thermometer

9⁹⁵

- **Reads in Only One Minute**
- **Beeps When Temp Registers**

Accurate to +/− 0.2° F. Has LCD display, auto-shutoff, high-temp warning and case. Sterilized covers available at drugstores. 5½" long. With RS392 battery. **63-654** **9.95**

24-Hour Pillbox/Timer

14⁹⁵

Medication Reminder Also Holds Pills

Counts down from 23 hours, 59 minutes in one-minute increments. Sliding top. 3⅜ x 1⅞ x ⅝". With RS357A battery. **63-881** **14.95**

2-Way Walk/Jog Pedometer

NEW FOR 89

24⁹⁵

- **Programmable Stride Length For Accurate Readings**
- **Measures Up to 999.9 Miles**

Jog-Mate™. Keep up with your progress! Easy to use, lightweight and accurate. Features switch for walking or jogging, large LCD display, folding design and belt clip. 1⅜ x 2¼ x ½". With RS386A battery. **63-681** **24.95**

Folding Pedometer

14⁹⁵

- **Measures Up to 99,999 Steps**
- **One-Touch Reset Button**

Walk-Mate™. Features easy-to-read digital display, belt clip, folding design. 1¾ x 1¾ x ½". With RS386A battery.

Easy to Use **63-671** **14.95**

Biofeedback Monitor

12⁹⁵

- **Helps You Control Stress**
- **Sensors Attach To Fingertips**

Listen to tone, through speaker or earphone jack, to monitor your stress level. Requires 9V battery. 4½ x 3⅛ x 1⅜". **63-675** **12.95**

Micronta®—Famous for Precision Timekeeping

Go-Anywhere Quartz Mini Clocks
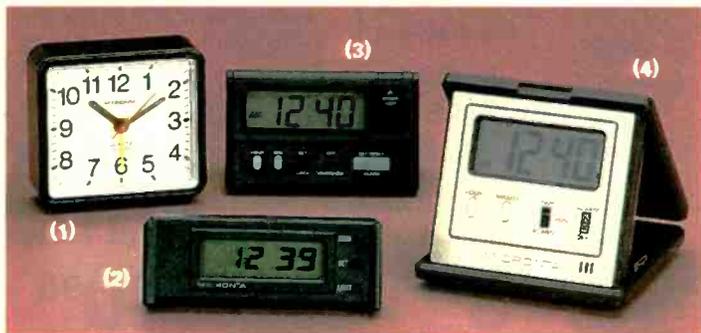
(1) Mini Analog Travel Alarm. Features luminous hands, carry pouch. 2¼ × 2¼ × 1⅛". Requires "AA" battery. **63-716** **11.95**

(2) LCD Anywhere® Clock. Stick-on bracket fastens to anything. 1⅞⁄₁₆ × 3³⁄₁₆ × ⁹⁄₁₆". With RS 357A battery. **63-836** **10.95**

(3) Micro LCD Travel Alarm. Backlight, 24-hour alarm, snooze control. 1¾ × 3 × ¼". With RS 357A battery. **63-706** **12.95**

(4) Deluxe LCD Travel Alarm. Snooze control, backlight button. 3¹⁄₁₆" square, folds to ¾" high. With RS 357A battery. **63-707** **17.95**

Stylish Multifunction Wristwatches

"It's 6:50 a.m."

NEW FOR **89**   NEW FOR **89**

All With Quartz-Crystal Accuracy

(1) VoxWatch®. Synthesized voice announces time hourly or at the touch of a button. Alarm tells time, plays wake-up melody. Five or 10-minute snooze. Stopwatch announces time every five minutes. LCD shows time, date and day of week. With RS 393 batteries. **63-5040** **44.95**

(2) Analog/Digital Chronowatch. Analog dial with hour/minute/second hands plus LCD chronograph. Water resistant to 98 feet. LCD calendar. With RS 399 battery. **63-5030** **29.95**

(3) Water-Resistant Analog. Withstands 150-foot depth. Day/date display. Sweep second hand. With RS 399 battery. **63-5065** **19.95**

(4) Water-Resistant Dual-Display Digital. Withstands 150-foot depth. Displays hour/minute/second for one time zone and hour/minute for a second zone. Has 24-hour mode, 24-hour alarm, ¹⁄₁₀ second chronograph, 59-minute countdown alarm, 30 to 180 pause per second pacer. With RS CR2016H battery. **63-5061** **14.95**

(5) LCD Chronoalarm. Displays month/day/time or use as a stopwatch. Has 24-hour alarm and selectable hourly chime, autocalendar. Backlight for dim viewing. With RS 392 battery. **63-5057** **14.95**

(6) LCD Calculator/Alarm. Features 24-hour alarm, 4-function 8-digit calculator, autocalendar. Stainless-steel band. With RS CR2025 battery. **63-5062** **12.95**

(7) Water-Resistant LCD. Withstands 100-foot depth. Has 24-hour alarm with hourly chime. Autocalendar. With RS 392 battery. **63-5058** ... **9.95**

Stylish Wall Clocks

Quartz-Crystal Accuracy

(1) 12/24-Hr. Digital LED. Giant 1.8" display. 6⅝ × 9¹¹⁄₁₆ × 2⅛". UL listed AC. Backup requires 9V battery. **63-805** **19.95**

(2) 9" Diameter. Sweep second hand. 1½" deep. Requires "AA" battery. **63-806** **11.95**

LCD Clocks
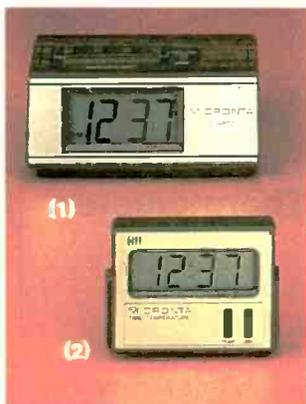
Battery Powered ■ Backlight

(1) Table Alarm Clock. With snooze. 1⅞ × 4 × 2⅝". Requires "AA" battery. **63-745** ... **12.95**

(2) Clock/Thermometer. Displays temperature in C° or F° 1⅞ × 2⁷⁄₁₆ × ½". With RS 357A battery. **63-841** **12.95**

Values in Traveling Timekeepers

(1) Red LED Mini Car Clock. Mounts in or under dash. Fast/slow time set. Blanks when ignition off. Brightness control. 1½ × 3½ × 1⅜". 12 VDC pos./neg. gnd. With hardware. **63-833** **17.95**

(2) LCD Digital Watch Pen. The "write" time! Displays time or date. Uses standard Parker-size refill. With RS 392 battery. **63-5077** **5.95**

Digital LCD Quartz Stopwatches

NEW FOR **89**

(1) Water-Resistant 9-Lap Memory. Water resistant to 100 feet. Times to 23 hrs., 59 min., 59 sec. and ⁹⁹⁄₁₀₀ sec. Displays time, month/date/day and dual time. Lap/split time, pacer. With neck cord, RS CR2016H battery. **63-5012** **24.95**

(2) Professional. Times to 9 hrs., 59 min. and ⁹⁹⁄₁₀₀ sec. With neck cord, RS 357A battery. **63-5010** **19.95**

NOW OVER 7000 RADIO SHACK STORES AND DEALERS IN THE USA—WE'RE NEAR YOU

The Latest in Electronics for Your Home

See *and Hear* the Time

49⁹⁵   Dual Alarms

Announces Time, Month and Date at the Tap of a Button

VoxClock®-3 has a synthesized voice, two separate alarms with different melodies, 0.9" LED display. Forward/reverse setting, volume control. 2 × 6 × 5". UL listed AC. Backup requires 7 "AA" batteries.
63-906 .... 49.95

Microwave Leakage Detector

14⁹⁵

Checks for leaks in oven door seal that could cause health problems.
22-2001 .... 14.95

Not a certification instrument

Indoor/Outdoor LCD Thermometer

14⁹⁵   Switchable Fahrenheit Or Celsius Display

Check the temperature outside before you leave the house. Indoor/outdoor switch. Backlight for viewing in dim light. Adhesive backing for mounting anywhere. With RS 357A battery. 63-842 .... 14.95

Plant Meter Reads Light & Moisture

7⁹⁵

Grow healthier plants! Instantly switches from light meter to moisture meter. Self powered.
63-685 .... 7.95

In/Outdoor LCD Thermometer With Temperature Memories
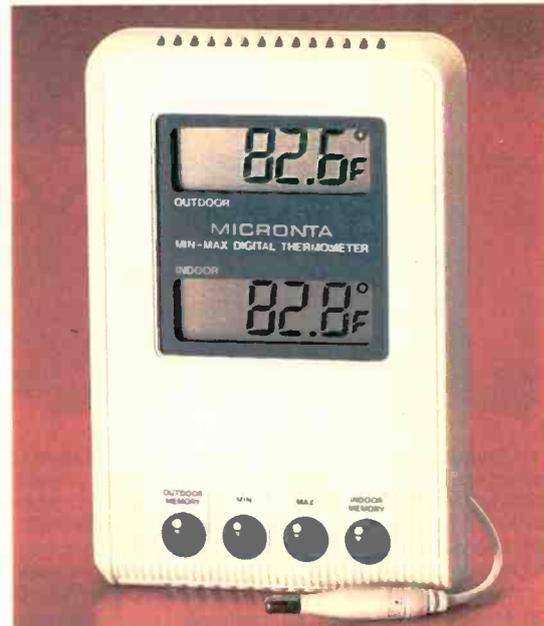
29⁹⁵

NEW FOR **89**

- Remembers Indoor and Outdoor High and Low Temperatures
- Fahrenheit or Celsius

Displays current indoor/outdoor temperatures and memorized highs and lows. Memories are manually resettable. Mounts on wall. 5³/₁₆ × 3¹/₂ × ⁷/₈". Requires 2 "AA" batteries. 63-843 .... 29.95

Accurate, Easy-to-Read Digital Alarm Clocks

(1) Blue Fluorescent Display. Bright 0.6", selectable 12 or 24-hour display. Snooze control, 24-hour alarm-on and a.m./p.m. indicators. 2¹/₈ × 5¹/₂ × 3". UL listed AC.
63-753 .... 19.95

(2) LED Display. Bold 0.6" display with p.m. and alarm indicators. Has snooze bar for catching extra winks in the morning. 2 × 5⁵/₈ × 3¹/₈". UL listed AC. 63-754 .... 9.95

(3) 12/24-Hour LED Display. Choose between 12 or 24-hour readouts. Has soft or loud alarm control, large 0.7" display and snooze control. 2 × 5¹/₂ × 3¹/₄". UL listed AC.
63-755 .... 14.95

(4) Green LED Display. Green 0.6" display is easy to read and easy on the eyes. Alarm-on and p.m. indicators, snooze control. 2¹/₈ × 5¹/₁₆ × 2¹⁵/₁₆". UL listed AC. 63-757 ... 12.95

(5) Jumbo LED Display. Giant 1.8" display is easy to read from across the room! Switchable 12/24-hour display, 24-hour alarm, snooze, p.m. indicator, high/low brightness control. 4 × 7¹³/₁₆ × 2¹/₂". UL listed AC. 63-766 .... 24.95

(6) Uniquely Styled LED Display. An accurate clock that's ahead of its time! Oversize 0.9" digits with high/low dimmer. Snooze bar, p.m. indicator. 3³/₄ × 4⁷/₈ × 4³/₄". UL listed AC.
63-756 .... 14.95

Battery Backup/Battery Sentinel®

All AC-powered clocks have backup which powers clock, without display, for up to eight hours and operates alarm for 10 minutes. LED warns if battery is weak or missing.

BATTERY BACKUP IN ALL AC-POWERED CLOCKS, EXCEPT 63-906, REQUIRES A 9V BATTERY

The Best in Electronic Toys and Hobby Kits

Archer Space Patrol® Walkie Talkies

(1) **9⁹⁵** Each

(2) **18⁸⁸** Pair

(3) **19⁹⁵** Pair

- No Licenses Required
- Operate on 49 MHz
- Hours of Fun and Adventure

(1) Standard. Buy two or more for outdoor fun. Talk to your friends next door or send secret messages in Morse code with the built-in code key—the code alphabet is displayed right on the front panel. Includes flexible antenna, on/off switch, lock-on talk button. 5¹/₁₆ x 2⁵/₈ x 4¹/₄". Requires 9V battery. **60-4015** .... **Each 9.95**

(2) Micro-Thin. Less than 1" thin so it fits right into your pocket. Ultrasensitive superregenerative receiver, 1¹/₂" speaker, push-to-talk button and telescoping antenna. Each requires 9V battery. 5⁵/₁₆ x 1³/₄ x ⁷/₈". **60-4014** .... **Pair 18.88**

(3) Headset With Boom Microphone. Leaves your hands free. Adjustable headset. Rotary on/off and volume control, headset-mounted antenna, push-to-talk button. With belt clip. 4 x 2⁹/₁₆ x 1⁷/₈". Each requires 9V battery. **60-4016** ...... **Pair 19.95**

Educational Science Project Lab Kits

(1) **19⁹⁵** 280 Projects

(2) **19⁹⁵** Let's Go Flying

(3) NEW FOR **89** **19⁹⁵** Be a Private Eye

Available Sept. 30 1988

(4) **19⁹⁵** For Young Einsteins

(1) Physics Lab Kit. Experiment with liquids, simple machines, heat, sound, pressure, magnetism and more. Includes peg-board main console, all apparatus and instructions. Requires 2 "AA" batteries. **28-193** **19.95**

(2) 100-Project Aviation Lab Kit. A complete study of aeronautics! Build a helicopter, flyable model airplane, helium balloon and reusable rocket with parachute recovery system. Lab-type manual. **28-196** **19.95**

(3) Detective Lab Kit. Be your own private detective. Includes microscope, secret ink, secret identity and fingerprint kits. Learn chromotography. All the elements to make you a super sleuth. With manual. **28-188** **19.95**

(4) Science 3 Lab Kit. Discover the exciting world of science. Do experiments dealing with the laws of mechanics. Learn the secrets of solar energy. Assemble a microscope to view the world of microorganisms. **28-189** **19.95**

Build & Listen to Your Own Radio

(1) **(2)**

(3) All Kits Include Earphone **(4)**

(1) AM/VHF Radio Kit. Listen to police, aviation and weather on 108-135/148-174 MHz, plus standard AM. Preassembled tuner. Requires 9V battery. **28-163** **12.95**

(2) AM/FM Kit. Hear local FM and AM stations. Preassembled tuner. Requires 2 "AA" batteries. **28-175** **12.95**

(3) AM/SW Kit. Listen to distant shortwave stations or local AM. Three bands: 520-1625 kHz, 5.5-10, 9-16 MHz. Requires 2 "AA" batteries. **28-176** **12.95**

(4) Crystal Radio Kit. Plays without AC, batteries, tubes or transistors. Tunes 550-1600 kHz AM. **28-177** **5.95**

Sensor Robot Electronic Lab Kit

15⁹⁵

- 20 Projects
- Perfect for Beginners and Students

Built-in sensors respond to light, sound, magnetism and moisture. Projects include a rain detector, burglar alarm and glass organ. Requires 9V battery. **28-164** **15.95**

ArcherKit® Test Equipment For Advanced Hobbyists

19⁹⁵

7⁹⁵

- Soldering Required
- With Leads

8-Range Pocket Multitester. 1000 ohms/volt DC. Requires "AA" battery. **28-4012** **7.95**

25-Range Multitester. 20,000 ohms/volt DC. Requires "AA" battery. **28-4013** **19.95**

USE POWERFUL RADIO SHACK ENERCELL® EXTRA-LIFE BATTERIES IN ALL YOUR SCIENCE FAIR KITS

Safe and Solderless Science Fair® Kits

200-in-1 Electronic Project Lab Kit

Includes Complete 108-Page Project Manual

44⁹⁵

- **Learn Basic Electronic Circuitry**
- **100% Safe Battery Operation**
- **Easy-to-Use Coil-Spring Assembly**

Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much 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. Features out-front controls and speaker. Connect, disconnect and reconnect all circuits using the spring-clip connectors—no soldering needed, never anything to clean up afterwards. Requires 6 "AA" batteries.
28-265 . . . . **44.95**

Two Integrated Circuits
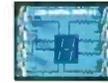
7-Segment LED

Meter

Deluxe 160-Project Electronic Lab Kit

29⁹⁵

- **Start a Hobby in Electronics**
- **Built-In Speaker**
- **All Projects Solar Or Battery Powered**

Learn about solar telemetry, experiment with computer circuits, produce electronic sound effects, build a radio or a flip-flop lamp flasher. Premounted parts with coil-spring assembly. Requires 9V battery and 2 "AA" batteries.
28-258 . . . . **29.95**

7-Segment LED Display

Meter   Code Key

30-in-1 Mechanical Lab Kit

14⁹⁵

Create Working Mechanical Models

Learn What Makes Machinery Run

Discover the fascinating world of mechanical physics. Build projects using gears, cams and pulleys. Experiment with your own designs by creating working models of a drawbridge, forklift or clock. Requires 2 "AA" batteries. **28-257** **14.95**

60-Project Electronic Lab Kit

19⁹⁵

Fun Way To Learn

- **Built-In Piezo Buzzer**
- **Coil-Spring Connectors**

Earphone   Code Key

Premounted transistors, capacitors, resistors and diodes let you build computer circuits, a radio, Morse Code system and magnetic noise detector. Built-in electric motor and radio antenna coil. With earphone and illustrated manual. Requires 9V and 2 "AA" batteries. **28-256** **19.95**

30-in-1 Electronic Projects

12⁹⁵

- **Safe and Fun Experiments**
- **Solderless Wire Terminals**

Learn the basics of electronics as you build a radio, beacon light, alarm, timer and simple computer circuits. Includes everything you need to enjoy and build all 30 projects again and again. With earphone. Requires 2 "AA" batteries.
28-161 . . . . **12.95**

Electronic Toys & Games for Fun or Education

Spell 'N Math Two-in-One Challenge

24⁹⁵

- Teaches Kids Five and Up Their ABCs and Numbers
- 15 Mode Functions

A spellbinding educational game you can hold in your hand—gives youngsters an edge. Includes prespelling and full-spelling activities along with guessing games for letters or words. Math activities consist of the four rules of math, matching numbers and multiplication quiz. Easy-to-use keyboard. Eight digit display. Requires 2 "AA" batteries.
60-1093 . . . . 24.95

LCD Typing Instructor

Available Sept. 30, 1988

29⁹⁵ NEW FOR 89

- Paperless Typing
- Math Activities Included

The happy way to teach youngsters typing skills and more! Hours of entertainment with 15 games ranging from typing, word and spelling exercises to math activities. Total 54-key operation. Requires 2 "AA" batteries. 60-2333 . . 29.95

Enlightening Electronic Teachers

(1)

NEW FOR 89   For Ages 4 and Up   (2)

(1) **Spelling Tutor.** Find missing letters, misspelled words and more! Five games. Requires 2 "AA" batteries.
60-2332 . . . . 19.95
(2) **Show 'N Learn.** Teaches kids about colors, shapes, other basics. Requires 2 "AA" batteries. 60-2328 . . . . 12.95

Available Sept. 30, 1988

Learning Computer

24⁹⁵ "Child Friendly" Keyboard

Just slip in a program card, and computer is ready to go. With 25 different learning program cards, compartment and speaker. Requires 4 "AA" batteries.
60-1095 . . . . 24.95

Little Toys That Teach a Lot

(1)

NEW FOR 89   **14⁹⁵**

(2)

9⁹⁵ Large 8-Digit Display

(3)

NEW FOR 89   **14⁹⁵**

(1) **LCD Math Teacher.** This 8-digit calc introduces numbers the fun way. Easy-to-follow booklet with 400 multiple-choice questions. With digital clock. Battery included. 60-1094 . . . . 14.95
(2) **Mickey Mouse* Calculator.** Mickey makes math merry for ages four and up. With manual. Requires 2 "AA" batteries.
60-2326 . . . . 9.95
(3) **Professor Bright.** A musical teaching friend. Ten activities include spelling, word and shape matching, more! Requires 4 "AA" batteries. 60-2329 . . . . 14.95
© Walt Disney Productions

LCD Math Tutor Game

NEW FOR 89   **19⁹⁵**

Clown around and learn at the same time. Addition and subtraction quizzes, game key and multiplication tables. Two calculator functions. On/off switch plus auto-shutoff. Requires 2 "AA" batteries.
60-2331 . . . . 19.95

Portable Hit Stix™

19⁹⁵ NEW FOR 89

Amp Clips To Belt

Create drum sounds in thin air—no surface needed! Sensor registers stick movement. Requires 9V battery. 60-2295 . . . . 19.95

Programmable Organ

17⁹⁵

Built-in Speaker ■ 25 Keys

Compose and play your own songs or eight preprogrammed tunes. With songbook. Requires 4 "C" batteries. 60-1091 . . . . 17.95

Microphones for Kids

(1)

NEW FOR 89

(2)

Low As

6⁹⁵

(1) **FM Wireless.** Children love it. Tune to a blank spot on the 88-108 MHz FM radio band and go on-the-air or use as a mini public address system. Requires 2 "AA" batteries.
60-2109 . . . . 6.95
(2) **Celebrity Mike.** Makes every youngster a playtime star. Detachable mike with foam windscreen and extra-long cord has amplifier complete with voice-activated pulsing lights and volume control. Mike stand adjusts from 30" to 48". Requires 9V battery.
60-2262 . . . . 19.95
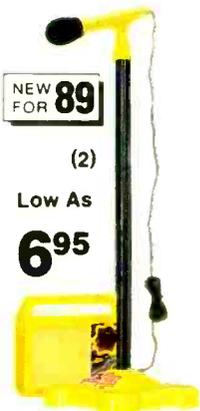
Now Any Child Can Be a Rock 'n Roll Super Star

Available Sept. 30, 1988

NEW FOR 89

15⁹⁵

Play Like Your Favorite Musician

17⁹⁵

Rock Guitar. This 13-key sing-along guitar with mike lets anyone perform like a "pro". Light-up screen twinkles in time with music. Tremolo demo pick plays sample tune. Holder secures mike during guitar solos. Requires 4 "AA" batteries.
60-2296 . . . . 15.95

AM/FM Sing-A-Long Radio. Youngsters can listen to or sing along with their favorite music. Large slider selects FM, AM or Sing-A-Long. Speaker delivers crisp sound. Easy-to-read tuning dial. Microphone storage compartment. Requires 9V battery. 60-2293 . . . . 17.95

154

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Electronic Entertainment for All Ages

Super Deluxe Chess Game Champion
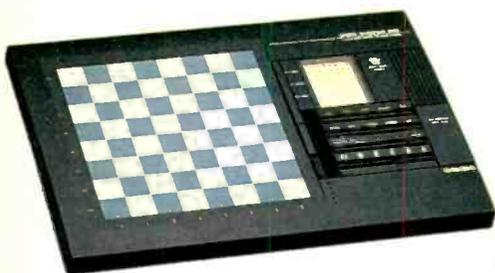
NEW FOR 89

179⁹⁵

Low As $15 Per Month *

Available Sept. 30, 1988

Radio Shack 2150. Our finest ever! Has the capability to defeat 98% of all world chess players! Sensor board is linked to LCD chess board for tracking moves, analysis, fast set-up and replay. Shows move sequences forecast, time controls, and depth of search, and it evaluates position. Memory stores saved positions and unfinished games. Requires 6 "C" batteries or AC adapter. 60-2204 .... 179.95

Sensory Electronic Checkers

29⁹⁵   NEW FOR 89

Fun for the Whole Family

Choose one of eight play levels to match your skill. Easy-to-use sensor board registers moves automatically. Even suggests moves, allows take backs. Long-term memory stores your unfinished games. Requires 3 "AAA" batteries. 60-2203 .... 29.95

Sea Battle Strategy

29⁹⁵

Four Exciting Games of Seamanship

Play an opponent or against the computer. Last ship afloat, wins! Requires 4 "AA" batteries. 60-2193 ...... 29.95

Space Alien Game

NEW FOR 89

14⁹⁵

Manuever spaceships in this outer-space traffic jam. LED alarm clock. Requires "AA" battery. 60-2228 ... 14.95

12-Game Arcade

19⁹⁵

Play baseball, 12-note organ, casino roulette and more! Requires one 9V and 4 "C" batteries. 60-2159 .. 19.95

Pocket Repeat

10⁹⁵   **Two Skill Levels**

Portable fun that challenges you to remember and repeat a series of notes. Requires 9V battery. 60-2152 ... 10.95

Ice Hockey Game

NEW FOR 89

24⁹⁵

High-Speed Stick Handling And Power-Operated Players

Quick-response control buttons for always exciting, fast-action hockey games. Requires 2 "C" batteries. 60-1099 .... 24.95

LCD Fire-Away

NEW FOR 89

12⁹⁵

Two Skill Levels

Defend your spaceship against the alien invasion force! Left/right directional fire button, shooting sound effect. Includes RS357A battery. 60-2224 ...... 12.95

Computer Chess for Beginner or Expert

- For Advanced or Beginning Players
- Improve Your Game Without Outside Help

Pocket Chess 1450. Practice your chess skills anywhere. This portable computer/coach lets you learn from its built-in studies. Eight play levels. Memory stores unfinished games. Requires 3 "AAA" batteries.
60-2251 .... 39.95

39⁹⁵

Radio Shack 1650 Tabletop. Sleek sensor board automatically registers all moves and allows take backs. Nine skill levels for beginners to club players. Memory stores unfinished games. Requires 4 "AA" batteries or AC adapter.
60-2194 .... 69.95

69⁹⁵

Radio Shack 1650 Portable. Play or practice your game anywhere! The computer "coaches" you with move suggestions. LED position indicators and nine levels of play. Easy-to-use sensor board automatically records moves. Long-term memory stores all unfinished games. Requires 3 "AA" batteries.
60-2187 .... 49.95

49⁹⁵

Deluxe Fast Response 1850. Has 16K program with 17 play levels. While "thinking," computer can display moves being considered. Solves mate-in-10 problems, allows take backs. Long-term memory stores games. Requires 4 "C" batteries. 60-2201 .... 99.95

99⁹⁵

Low As $15 Per Month *

LCD Games That Like to Travel

12⁹⁵   **12**⁹⁵

12⁹⁵   NEW FOR 89   **7**⁹⁵

Plane & Tank Battle. Normal/fast speed levels. Built-in clock. With RS386A battery. 60-2196 .... 12.95
Highway Game. Drive well to win prize. Two game speeds, alarm clock. Includes RS386A battery. 60-2222 ...... 12.95

Volcano Game. Match your skill against nature. Built-in alarm clock. With RS386A battery. 60-2223 ...... 12.95
Raceway. Two levels to test driving skill. With LCD clock, sound effects. Includes RS357A battery. 60-2225 .... 7.95

Pro-Action Portable LCD Sports Games

(1)

(2)

NEW FOR 89   **14**⁹⁵   Each

(1) **Baseball.** Hit homers or strikeout at the plate, just like the pros! Play it anywhere. Built-in alarm clock with hourly chime. Requires "AA" battery. 60-2226 .... 14.95
(2) **Football.** Charge down the field but avoid being tackled by a swarming defense. It's fun! Built-in alarm clock with hourly chime. Requires "AA" battery. 60-2227 ..... 14.95

ALL RADIO SHACK CHESS GAMES ENDORSED BY GARRY KASPAROV—THE WORLD CHAMPION

Radio-Controlled Toys for the Child in Everyone

Streamlined Ferrari

29⁹⁵
Authentic Styling
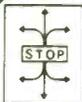
Leave 'em in the dust when you take to the streets! Choice of two frequencies lets you race against a friend. Multifunction control. 11" long. Requires 2 9V and 4 "C" batteries.
49 MHz. 60-4063 . . 29.95   **27 MHz. 60-4062** . . 29.95
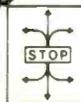
Frame Buggy and Turbo Lamborghini

(1)

(2)

NEW FOR **89**

34⁹⁵ Each   **Fast-Track Action**

(1) Frame Buggy. Rev it up for super off-road racing! Spring suspension wheels take you smoothly over the roughest terrain. Shift from low to high gear for highway cruising. Authentic body styling to 1/16 scale. 10 1/4" long. Jack for charging nickel-cadmium batteries. 49 MHz. Requires 2 9V and 6 "AA" batteries. 60-4073 . . . . 34.95

(2) Turbo Lamborghini. You'll be thrilled with the turbocharged action of this powerful sport vehicle. Authentic body styling to 1/15 scale. 12" long. 27 MHz. Requires 9V and 6 "C" batteries. 60-4074 . . . . 34.95

Hi-Performance 911 Racer

19⁹⁵   NEW FOR **89**

Easy One-Hand Grip Remote With Steering Wheel
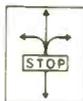
Pop it into high gear on the open straight-away and leave the competition behind! 8" long. Requires 2 9V and 3 "AA" batteries. 49 MHz. 60-3095 . . 19.95   27 MHz. 60-3094 . . 19.95

Value-Priced Action Vehicles

(1)

NEW FOR **89**

(2)

(3)

(1) Chevy Truck. Tough, rugged road-machine takes on the roughest country and keeps on "truckin". With rollbar and authentic body styling in 1/20 scale. 9" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-3093 . . . . 14.95

(2) Red Racer. Win the neighborhood drag-racing "nationals". Airfoil helps this super machine hug the track. 6 1/2" long. 49 MHz. Requires 9V and 2 "AA" batteries. 60-3065 . . . . 9.95

(3) Lamborghini. Fast, aerodynamically designed European-styled sports car cuts through the wind. Airfoil for road-hugging stability at high speeds. 9" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-4051 . . . . 11.95

Cute 'n Clever Kids Kar

NEW FOR **89**

12⁹⁵

Super Spin Action

Turn on the switch and your Kids Kar goes forward, push the button on your hand-held remote and watch it spin! Rollbar. 4 3/4" long. 27 MHz. Requires 9V and 3 "AA" batteries.
60-3066 . . . . 12.95

Zebra Frame Buggy

16⁹⁵

Get fast-paced road action! Remote control is built into the steering wheel. Features big air-filled tires that really grip the road. 10 1/2" long. 49 MHz. Requires 9V and 6 "AA" batteries.
60-4065 . . . . 16.95

Robie® the Robot

24⁹⁵

9" High
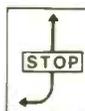
Just speak into the hand control to make Robie "talk" with your voice. Hands manually grip objects and arms move up and down. Light gives realistic look. 49 MHz. Requires 2 9V and 4 "AA" batteries. 60-4061 . . . . 24.95

Shop Radio Shack for Super RC Racing Fun

Turbo-Wing Buggy

NEW FOR 89

49⁹⁵

Soft rubber tires and spring suspension. Impact absorbing front bumper. Jack for charging nickel-cadmium batteries. 14" long. 27 MHz. Requires 9V and 8 "AA" Ni-Cd batteries. 60-4075 . . . . **49.95**

Turboracer With Auto-Off

69⁹⁵

Auto Power-Off Saves Batteries
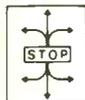
Watch your friends' faces as your Turboracer is first off the starting line! Pistol-grip remote with steering wheel puts you in control of the seven-way steering. Jack for charging nickel-cadmium batteries. 12½" long. 27 MHz. Requires 9V and 8 nickel-cadmium "AA" batteries. 60-4069 . . . . **69.95**

Drive to Win With the Turbo Beetle

49⁹⁵

■ Impact-Absorbing Front Bumper
■ Air-Cushioned Tires

Conquer the treacherous Baja! Jack for charging nickel-cadmium batteries. 12" long. 49 MHz. Requires 9V and 8 nickel-cadmium "AA" batteries. 60-4068 . . **49.95**

Meet Robie® Jr.—He Walks and Talks

Plays "Catch Me"

79⁹⁵

■ Ultrasonic Remote
■ Speaks Nine Phrases

Turn Robie Jr. on and he greets you by saying "hello". The remote moves him forward, backward and right or left—he'll even follow after you on his own! Has movable arms and a removable carry tray 10⅞" high. Requires 9V and 4 "D" batteries. 60-2397 . . . . **79.95**

Powerful 4 × 4 Off-Roader

44⁹⁵

Dual-Stick Transmitter for Fast Response

High-traction four-wheel drive with super-size tires. Two gear speeds. 12½" long. Requires 2 9V and 4 "C" batteries. 49 MHz. 60-4067 . . **44.95**   27 MHz. 60-4057 . . **44.95**

Digital Proportional Racer

41⁹⁵

Two-Speed Transmission

Sturdy front suspension. 13" long. 27 MHz. Requires 2 9V and 6 "C" batteries. 60-4066 . . . . **41.95**

Wow! Skateboard Fun

NEW FOR 89

59⁹⁵
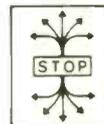
Figure Is 18¾" High

■ Digital Proportional Steering for Realism
■ Dual-Stick Radio Controller

Take control of this fun-seeking sidewalk racer and be ready for crowd-pleasing skateboard action. You can do wild stunts, spins and other impressive tricks. Soft air-filled tires, lifelike tilt action. Removable skater. Has jack for recharging Ni-Cd batteries. 14" long, 27 MHz. Requires one 9V, 6 "AA" and 4 "D" batteries. 60-4079 . . . . **59.95**

ITEMS ON THESE TWO PAGES WITH ADAPTER JACKS USE AC CHARGER #273-1652—SEE PAGE 133

Rechargeable Radio-Controlled Racers

1/12 Scale RC Turbo Porsche With Pistol Control

NEW FOR 89 **69⁹⁵**

- Spring Suspension Assures Excellent Handling
- Two-Speed Turbo Drive for More Exciting Racing

Lay some rubber when the light turns green! Features 7-function pistol-type controller with a "steering wheel", and a jack for charging nickel-cadmium batteries. Uses 273-1652 AC adapter/charger. 49 MHz. 15" long. Requires 9V and 8 "AA" batteries.
60-4076 ...... **69.95**

Digital Proportional Off-Roader With Turbo

NEW FOR 89 **89⁹⁵**

- D-P Steering For Realism
- Spring-Type Shocks
- Two Speeds
- Wide, Angled Bumper Guard

Red Arrow buggy features turbo two-speed motor drive system, spring-shock front and rear suspension. 14½" long. 27 MHz. Requires 10 "AA" batteries, 23-230 7.2V battery pack. **60-4077** **89.95**

Two-Stick-Control Digital Proportional Off-Roader

119⁹⁵

Low As $15 Per Month*

- D-P Steering
- D-P Speed

Golden Arrow buggy features latest FET motor drive system, trailing arm front suspension and rigid-axle rear suspension. 15½" long. 27 MHz. Requires 10 "AA" batteries, 23-230 7.2V battery pack.
60-4080 .... **119.95**
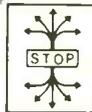
Low As $15 Per Month*

Power Accessories

(1) **Rechargeable Battery Pack.** Ni-Cd design is a light 320 grams for high speed!
23-230 .. **24.95** (1)

(2) **Racing Battery Pack Charger.** Recharges battery pack above in 4-5 hours. UL listed AC.
23-231 .... **9.95**

(3) **New! DC Fast-Charger.** Connects to auto battery. Quick 20-minute charging time. **23-232** **29.95**

NEW FOR 89

(3) Available Oct. 30, 1988

Strike It Rich for Fun or Profit! Electronic Metal Detectors

Very-Low-Frequency Metal Detector

Very Low Frequency circuitry identifies buried, valuable metals even in highly mineralized ground. Waterproof 8" search coil even detects objects in shallow water. Auto-tune for optimum sensitivity. Built-in meter and speaker for visual and audible indication. Volume, sensitivity, tuning and discrimination controls, ¼" headphone jack. Adjustable shaft extends to 26½". Requires 3 9V batteries. **63-3003** **89.95**

Discriminator-Type Detector

Discriminator-type circuit identifies "junk" like bottle caps and pull-tabs to avoid needless digging. Speaker and meter for visible and audible indication. Auto-tuning and discrimination controls, ¼" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. **63-3002** **59.95**

Value-Priced "Standard" Detector

Spots metal under soil, wood and dry sand. Water-resistant coil has a Faraday Shield to cut false readings. Large meter, peaking and volume controls. Ferrous/nonferrous control helps identify valuable objects. ⅛" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. **63-3001** **39.95**

Treasure Finder On-a-Budget

Spots anything metallic up to one-half foot underground! Tuning and fine-tuning controls. Speaker tone changes when metal is near. Shaft extends to 27". Requires 9V battery.
60-3003 .... **19.95**

Find Lost Valuables!

89⁹⁵ **59⁹⁵** **39⁹⁵** **19⁹⁵**

Super Solar & Dual-Powered Calculators

NEW FOR 89 **14.95**
Available Sept. 30, 1988

12.95

9.95

8.95

7.95

Dual-Powered Calcs With Auto-Switching From Solar to Battery in Dim Light

Radio Shack EC-423. Display angle adjusts for viewing comfort. Three-key memory and square root and percent keys. Auto-constant and auto-shutoff 4⅞ × 2¾ × 9/32". Billfold case. With RS 389A battery. 65-563 ...... **14.95**

Radio Shack EC-426. Extra-large keys and display, in a horizontal folding style. Four-key memory, double size "+". Square root, percent keys. 2⅞ × 4 13/16 × ½" (folded). With RS 389A battery. 65-913 .... **12.95**

Radio Shack EC-416. Big LCD display and keys. Square root, percent keys. 2 11/16 × 4½ × 9/16" (folded). With RS 389A battery. 65-561 .... **9.95**

Radio Shack EC-444. Four-key memory, square root and percent keys. Billfold case. 4¼ × 2½ × ⅜". With RS 386A battery. 65-888 .... **8.95**

Radio Shack EC-414. Display is tilted for desktop viewing. Percent and sign change keys. 4½ × 2 11/16 × ¾". With RS 389A battery. 65-560 ...... **7.95**

Micro-Thin™ Solar

NEW LOW PRICE! **7.95**

Was $9.95 In 1988 Catalog

Only ⅛" Thin
Runs on Almost Any Light

Radio Shack EC-413. Just slip it into your wallet or purse with your credit cards, or use the handy vinyl case, included. Touch-sensitive "film-face" keys. Features 3-key memory, auto-constant and square root and percent keys. 2⅛ × 3⅜ × ⅛". 65-910 .... **7.95**

Solar-Powered With LCD Display of Sign/Function

NEW FOR 89 **5.95**
Available Sept. 30, 1988

Pressing Function Key Brings the Symbol to the Display— +, −, ×, ÷ To Remind You of Current Mode

Radio Shack EC-419. A great value in our lowest priced, full-featured calculator. Powered by a super solar cell—works even by candlelight! Has square root and mark-up percentage keys, auto-constant and independent memory. Billfold case. 4¼ × 2⅝ × ¼". 65-595 .... **5.95**
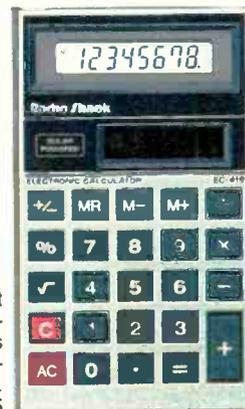
Fashionable Folding SOLAR-THIN™
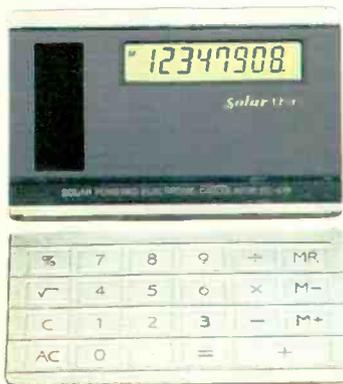
19.95

- Folds to 3/16" Thin
- With Touch-Sensitive "Film-Face" Keys

Radio Shack EC-418. Elegant, classy and slim enough to go anywhere. Fits in a billfold or purse. Solar-powered—never needs batteries. Features 3-key memory and square root and percent keys. Textured carrying case. 2⅛ × 3¼ × 3/16" (folded). 65-911 .... **19.95**

Dual-Powered Checkbook Calculator

15.95

Automatically Switches To Battery in Dim Light
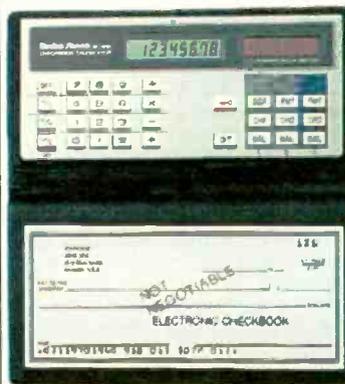
Radio Shack EC-430. Checking made easy! Billfold case has room for storing checks and register, pen and five credit cards in card holder (not shown). Features deposit check, charge payment and balance keys for keeping track of expenses. Three continuous memories to save important balance information even when "off". Key-lock security code protects sensitive information. Auto-constant, auto-shutoff, percent key. 2¾ × 6 1/16 × 9/16". With RS 389A battery. 65-570 .... **15.95**

ALL CALCULATORS ARE COVERED BY OUR ONE-YEAR LIMITED WARRANTY

Specialty Calculators—Incalculably Handy

Digital Appointment Calendar/Data Bank

79⁹⁵ NEW FOR 89

- Stores More Than 32,000 Characters
- Files & "Looks Up" Names & Numbers
- Displays Six Lines Of Screen Text

Radio Shack EC-319. This date and information organizer will spoil you! Super sophisticated, yet a snap to use. It's a calendar and will electronically keep track of your appointments, even into the next century. It's a sophisticated data bank, filing and retrieving information for you alphabetically. To recall an entry, just type in a name and all the information filed with that name appears immediately. Features scheduler with room for up to 1100 appointments, telephone number and address directory for up to 1500 persons, memo pad which allows you to store up to 1500 brief memos for quick recall. The calendar covers the years from 1901 through 2099. Password protection of sensitive data. Full-function calculator with separate number keypad. With long-life lithium batteries. Folds to a compact 3 × 5 × ⅝". **65-932 . . . 79.95**

Mity-Thin® Directory

NEW FOR 89

29⁹⁵

Memorizes Up to 166 Data Items

Available Sept. 30, 1988

Radio Shack EC-320. Stores names and numbers. "Search" quickly finds any stored item. Also a full-function calculator. Billfold case. 3¹¹/₃₂ × 2¹/₁₆ × ⁵/₃₂". With RS CR2025 battery. **65-933 . . . 29.95**

Data Memory Calc

NEW FOR 89

14⁹⁵

Stores Up To 50 Data Items

Available Sept. 30, 1988

Radio Shack EC-321. Calculator plus easy-to-use data bank! Stores names, phone numbers, bank and credit card numbers. Billfold case. 3³/₈ × 2¹/₈ × ⁵/₃₂". With RS CR2025 battery. **65-934 . . . . 14.95**

Super-Value Business And Financial Calculator

- Statistics Functions
- Easy One-Button Solutions for Tough Financial Problems

24⁹⁵
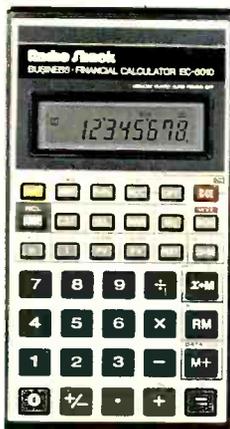
Radio Shack EC-5010. Provides all the instant-response analysis you need in today's jet-paced business world! Functions for calculating amortization, interest, rate conversions and much more. Built-in statistics functions. Manual includes more than 30 real-life applications. 5¹/₁₆ × 2³/₄ × ³/₈". With billfold case and two RS-357A batteries. **65-870 . . . . 24.95**

Versatile Solar-Powered Metric Conversion Calculator

14⁹⁵ NEW FOR 89

Radio Shack EC-318. Performs 22 conversions to and from metric. Includes conversion functions for weight, temperature, volume and distance. Calculator functions feature 3-key memory, percent key and auto-constant. 4¹/₁₆ × 2¹⁵/₁₆ × ¼". With billfold case. **65-931 . . . . 14.95**

Solar-Powered Yard/Foot/Inch

No Need to Convert Yards, Feet, Inches To a Single Measure

27⁹⁵

Radio Shack EC-317. Simply enter 30 feet, 8 inches; multiply by 18 feet, 3¾ inches and get the answer—561.58333 square feet! Whether you're in building trades or into home redecorating, life will be so much simpler with one of these! Solar-powered so you never need batteries. Switchable from decimal to fraction and reverse. Square and cube keys give instant area and volume measures. 5¹/₁₆ × 2³/₄ × ³/₈". With billfold case. **65-935 . . 27.95**

Business Analysis and Financial Calculator

34⁹⁵

Memory Contents Protected When Power is Off

Radio Shack EC-5100. Razor-edge precision in a business management and analysis tool. Built-in formulas slice through complex problems instantly to give you the accurate answers you need, whether you're in marketing, real estate, banking, retail and even if you're a "seat-of-the-britches" entrepreneur. One-button solutions in mortgages, lease/buy options, investment yield and many more. Full statistical functions. Manual with over 175 pages of business applications and a handy pocket guide. 5¼ × 2³/₄ × ³/₈". With billfold case, two RS-357A batteries. **65-875 . . . . 34.95**
Calculator Stand (Not shown). For desktop use of pocket calculators. **65-705 . . . . . 1.99**

Alarm Clock/Stopwatch

19⁹⁵

Stopwatch Has Lap and Total Time Functions

Radio Shack EC-307. More than just a full-featured calculator, it's a timepiece to keep you on schedule. Clock displays hours, minutes and seconds. Indicators for p.m. and alarm-on. The 24-hour alarm sounds for 60 seconds, then resets. Auto-constant and percent key. 3¹¹/₁₆ × 2³/₈ × ³/₈". Billfold case. With RS CR2025 battery. **65-691 . . . . 19.95**

ALL RADIO SHACK CALCULATORS ARE COVERED BY OUR ONE YEAR LIMITED WARRANTY

Calculators for Science and Engineering

Formula Programmable

49⁹⁵ NEW FOR 89

- **128 Built-In Formulas**
- **12 User-Formula Memories With Total of 675 Steps**

Radio Shack EC-4023. Power-drives calculating jobs! Large, multiline display shows formula and prompts you for input variable. Formulas for mathematics, physics, mechanics, electricity/electronics and statistics. Base number math. Has 13 physical constants. 10-digit mantissa, 2-digit exponent. 5¹/₈ × 2⁷/₈ × ³/₈". With billfold case, two CR2032 batteries.
65-987 . . . . **49.95**

Dual-Powered Scientific Formula

34⁹⁵ NEW FOR 89

- **23 Built-In Formulas**
- **Programmable for User Generated Formulas**

Radio Shack EC-4024. Large 10-digit display has alphabetic prompt for formula use. Formulas for math, physics, electricity, mechanics and statistics. Stores two user generated formulas with a total 29 steps. Handles base number math/logic. Nine physical constants. Auto-switches to battery in dim light. 5¹/₂ × 2⁷/₈ × ⁵/₁₆". 65-991 . . . . **34.95**

110-Function Electronics And Electrical Engineering

39⁹⁵ Uses Electrical Symbols For Input and Output

Radio Shack EC-4035. Accepts input and displays output using popular electrical engineering symbols—1000 Ω × .5A = 500V. Alphanumeric display with contrast control. Functions for trig, statistics, base-number math/logic, fractions. Engineering keys. Has 10-digit mantissa, 2-digit exponent. With billfold case, RS CR2032 batteries. 5¹/₈ × 2⁷/₈ × ³/₈". **65-983** **39.95**

71-Function Dual-Powered

25⁹⁵ Auto-Switches to Battery in Dim Light

- **Nine Levels of Parentheses**
- **Random Number Generator**

Radio Shack EC-4014. Operates dependably in any level of light. Trig and statistical functions. Memory. Base-number math, logical operations. 10-digit mantissa, 2-digit exponent. 5⁵/₁₆ × 3 × ⁹/₁₆". With carry pouch, lithium battery. **65-979** **25.95**

Jumbo-Key 98-Function Dual-Powered

34⁹⁵

Radio Shack EC-4013. Dual keyboards with big, widely spaced keys make operation easy as pi. Trig and statistics functions. Fractions, engineering keys, memory, 16 metric conversions. Base number math. Switches to battery in dim light. 10-digit mantissa, 2-digit exponent. 5 × 3¹/₈ × ⁷/₁₆". With lithium battery. **65-930** **34.95**
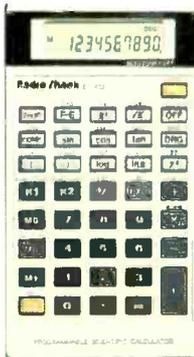
40-Step Programmable

19⁹⁵

- **Low-Cost Programming**
- **46-Function Scientific**
- **Auto-Shutoff**

Radio Shack EC-4021. Design your own "special application" calculator by programming formulas you use frequently. Statistical and trig functions. One independent and two constant memories. Has 8-digit mantissa, 2-digit exponent. 5¹/₂ × 2¹⁵/₁₆ × ¹⁵/₁₆". With billfold case, RS-357A batteries. **65-984** . . . **19.95**

Desktop 68-Function Scientific

27⁹⁵ Complex Numbers Function

Radio Shack EC-4030. Handy folding support for comfortable viewing angle. Trig functions allow input of up to 10 digits! Up to 15 levels of parentheses. Standard deviations, memory, base number math and auto-shutoff. 8-digit mantissa, 2-digit exponent. 6³/₁₆ × 3³/₈ × ⁹/₁₆". With two RS-357A batteries. **65-989** **27.95**
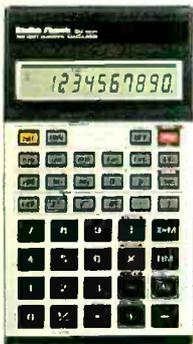
Super-Value Scientific

13⁹⁵

- **Memory**
- **Auto-Off Extends Battery Life**
- **True Algebraic Logic**

Radio Shack EC-4008. An excellent value in a scientific calculator! Forty single-function keys. Features DEG/RAD/GRA switch, memory and slide rule functions. Long battery life—over 1000 hours. Has 5-digit mantissa, 2-digit exponent. 4³/₈ × 2¹/₂ × ¹/₄". Includes billfold case, two RS-357A batteries.
65-977 . . . . **13.95**

Printing Calculators for Keeping Records

12-Digit Fluorescent With 2-Color Printing

79⁹⁵

Control for Print, Item-Count Print, And Nonprint

Radio Shack EC-3015. Date-key adds date or your reference number to paper tape. Prints subtractions in red so they stand out. Features 4-key memory, decimal point selector, last-digit correction, round-off and commas every third digit. Has percent, total, subtotal, change-sign, double "0", and paper-feed keys. 2 × 7¾ × 9¹/₁₆". Includes sample paper roll. UL listed AC. **65-970** **79.95**

Bright Fluorescent 10-Digit With Printer

69⁹⁵

- GPM-Key for Rapid Computation of Desired Mark-Up
- Delivers Crisp, Clean Printouts

Radio Shack EC-3011. With built-in functions of markup, discount/add-ons and mixed calculations. Features full 4-key memory, mixed calculations, percent key, round-off and nonprint controls. Selector switch allows you to choose one of four decimal functions, including a floating decimal. Oversize " + " and double "0" keys. 1¾ × 6¾ × 9½". Includes sample paper roll. UL listed AC. **65-669** **69.95**

Mini Desktop LCD Display With Printer

49⁹⁵

- Easy-Loading Swing-Out Type Paper Holder
- Jumbo 10-Digit Display
- Four-Key Memory

Radio Shack EC-2009. "Made to order" for buyers, traveling salespeople— anyone needing portable calculating power and a permanent record. Functions for constant, percent, discount and add-on calculation. Double size " + " and "0" keys. 1⅝ × 5¼ × 9". Requires 4 "AA" batteries or AC adapter. **65-965** **49.95**
AC Adapter. UL listed AC. **273-1454** **7.95**

10-Digit Fluorescent-Display Desktop Printing Calculator

NEW FOR 89

49⁹⁵

Oversize " + ", " − " And "T" Keys

Available Sept. 30, 1988

- Decimal Modes Include A, 0, 2, 3, 4 and Floating
- Auto Power-Off in Battery-Operation Mode

Radio Shack EC-3017. Unerring choice for bookkeepers, auditors, accountants or anyone using a calculator throughout their working day. Has bright, easy-to-read fluorescent display and prints a permanent record. Four-key memory calculations. With constant, automatic percentage add-on and discount calculations. Oversize " + ", " − " and "T" keys for rapid data entry and totaling. Round off/down selector and printer on/off switch. Auto-shutoff. 2 × 7½ × 8³/₁₆". Requires 4 "AA" batteries or AC adapter. **65-967** **49.95**
AC Adapter. UL Listed AC. **273-1454** **7.95**

Mini 10-Digit LCD/Printer

34⁹⁵

- Convenient "Take-Along" Size
- Impact Printer Takes Standard-Size 2¼" Paper
- Three-Key Memory

Radio Shack EC-3016. Compact size fits easily in briefcase or purse—ideal for business people on-the-go and homemakers who need a permanent record of transactions. Decimal point positions of A, 0, 2, 3, 4 and floating. Display-only and display-print modes. Features percent, double size " + ", margin keys. Auto-shutoff. 1⁷/₁₆ × 3½ × 7". Requires 4 "AA" batteries or AC adapter. **65-954** **34.95**
AC Adapter. UL listed AC. **273-1454** **7.95**

Paper for Printing Calculators

High-Quality—For Radio Shack and Other Printing Calculators

Plain. For all Radio Shack models

Size	Type	Fits	Cat. No.	Pack of 3
2¼"	Core	65-664/952/ 954/967 65-965/669/970	65-710	2.19
1½"	Core	65-666	65-712	1.29
1½"	Coreless	65-951/953/955	65-713	1.99
2¼"	Coreless	65-954	65-715	2.19

Thermal. For early models

Size	Type	Fits	Cat. No.	Pack of 3
2¼"	Core	65-643/644 65-645/646	65-706	2.99
1½"	Coreless 5-Pack	65-665	65-711	1.99

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Copier & Calculators for Home or Office

• Revolving Credit
Available
See Page 3

A Brand New "No-Fuss" Way to Make Copies in Business, School and Home—
Revolutionary Portable Copier

199⁹⁵

NEW FOR **89**

Low As $15 Per Month ★

- Smaller Than a Paperback Book And Convenient to Use
- Simply Pass the Hand-Held Copier Over Printed Page to Get a Crisp, Black-and-White Copy Instantly, In 2½"-Wide Segments
- Powered by Built-In Rechargeable Batteries—Use it Anywhere

What a difference! Other portable copiers are the size of briefcases, while this one is small enough to go inside a briefcase—along with your paperwork and a city directory! Instead of putting the original in a bulky machine, you simply pass this lightweight copier over the material you want to duplicate! So fast and easy to use, it's invaluable for researchers, students, attorneys, tax accountants, teachers, salespeople, people in transportation, advertising and many other fields. Uses 2½" wide thermal paper, below. 3¹¹/32 x 4²³/32 x 1⁵/8". Includes UL listed AC charger.
63-672 . . . . **199.95**

Thermal Paper. Five-roll package.
63-673 . . . . **Pkg. 5/5.95**

Fluorescent Display

29⁹⁵ Four Special Function Keys

Radio Shack EC-2010. Four-key memory. Gross-profit-margin, delta percent, exchange and item-count keys. 1⁵/8 x 6⁵/8 x 5¹³/16". Requires 2 "D" batteries or AC adapter.
65-960 . . . . **29.95**

LCD Display With Review

Recalls Up to 32 Entries For Checking Calculations **15⁹⁵**

Radio Shack EC-2015. Works like a paperless printer! Mini-size with full 4-key memory, percent, square root, mark-up and sign change keys. Auto-constant, 3-digit commas in display and auto-shutoff. ⁷/8 x 4¹/8 x 4⁷/8". With RS 386A batteries.
65-577 . . . . **15.95**
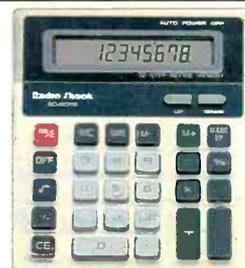
Dual-Powered LCD 10-Digit Portable

19⁹⁵

- Built-In Desk Stand
- Extra-Large LCD Display

Radio Shack EC-2013. Solar/battery power—automatically switches to battery in dim light. Computes selling price to obtain desired mark up. Auto-shutoff and 3-key memory. Decimal and round-off switches. Sign change, square root and percent keys. ⁵/8 x 3⁷/8 x 6¹/8". With vinyl pouch, RS 357A battery.
65-575 . . . . **19.95**

Dual-Powered Desktop LCD

NEW FOR **89** Auto-Switches To Battery in Dim Light **12⁹⁵**

Radio Shack EC-2016. Four-key memory. Percent and markup keys. Tilted display for convenient viewing. Large, easy-to-read digits. Double size " + " key. Auto-constant, auto-shutoff. 1¹/8 x 4³/16 x 5⁹/16". With RS 389A battery.
65-578 . . . . **12.95**

Clock, Calculator And Ruler Combo

9⁹⁵

Separate Time/Calculator Displays

Radio Shack EC-325. The ultimate in desktop organization. Three-key memory, auto-constant and percent key. Metric conversion chart. Time/date display. 2 x 12¹/4 x ⁵/16". With RS 389 and RS 392 batteries. 65-551 . . . . **9.95**

ALL CALCULATORS ARE COVERED BY OUR ONE-YEAR LIMITED WARRANTY

163

Affordable Color Computer for the Whole Family

Color Computer 3™ With Razor-Sharp Graphics!

199⁹⁵

Monitors, platform and disk drive not included

Low As $15 Per Month★

- Produces Sharp, Crisp Graphs and Illustrations
- Displays 32 × 16 Text Using a TV, 40 × 24 or 80 × 24 Text With a Monitor
- 160 × 192, 320 × 192 or 640 × 192 Resolution
- Expands Easily as Needs and Skills Grow

128K Extended BASIC Color Computer 3. Ideal for graphics, programming, budgets, word processing, database management, spreadsheet analysis and many other applications. The Color Computer 3 comes with 128K memory (expandable to 512K), and gives you the advantage of greater programming and data-processing power, as well as higher-resolution graphics. Simply connect the Color Computer 3 to a high-resolution monitor—like the CM-8 (sold separately, below)—and you can create incredibly detailed charts, graphs and engineering drawings in vivid colors. Compatible with most software and accessories designed for the Color Computer 2. UL listed AC. **26-3334** **199.95**

CM-8 RGB Analog Color Monitor. 80 × 24 text, 640 × 192 graphics. 13″ diagonal screen. Built-in speaker with volume control. Includes cable. UL listed AC. **26-3215** **299.95**

Color Computer 3 512K Upgrade Kit. 26-3335 . . . . **149.95***

Color Computer 2 Upgrade Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. **26-3015** **29.95***

Low-Profile Keyboard Kit. Upgrades any Color Computer with the older keyboard style to our newer version. **26-3016** **24.95***

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127. **26-3017** **59.95***

SPECIFICATIONS. Microprocessor: 68B09E 8/16-bit. **Clock Speed:** 0.894 MHz or 1.788 MHz. **Keyboard:** 57 keys, including Control, Alternate, F1 and F2. **Video Display:** 16 lines of 32 characters (uppercase only) to 24 lines of 80 characters (upper and lowercase). Color graphics capabilities range from 64 × 32 (8 colors) to 640 × 192 (4 colors) with 6 intermediate display formats. High-resolution graphics available through machine language, Extended BASIC or Program Paks. **Memory:** 128K RAM—internally expandable to 512K. Twenty-one commands in enhanced Extended BASIC. **Input/Output:** 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms). Composite Monitor, and RGB Analog Monitor. **Dimensions:** 3 × 10⅜ × 14¾″. **Power:** 120VAC, 60 Hz.

DC Modem Program Pak

89⁹⁵

RS-232 Interface and 300-bps Modem

Transfer/receive ASCII files or access information services by phone. **26-2228** **89.95**

Deluxe Joystick

29⁹⁵

Get accurate cursor control and quicker response. Select "spring-centering" or "free-floating" operation. **26-3012** **29.95**

Deluxe Color Mouse

49⁹⁵

Simply "roll" across tabletop to position the cursor. Two buttons for Tandy 1000-compatible software. **26-3125** **49.95**

Joysticks

19⁹⁵ Pair

Our lowest priced joysticks. Now two players can experience the fun. Fast 360° movement! Single-shot button. **26-3008** **Pair/19.95**

High-Res Joystick Interface

9⁹⁵

Plugs into the cassette and one joystick port to allow standard or deluxe joystick to address higher-resolution modes (up to 640 × 640) on the Color Computer 2 or 3. **26-3028** . . . **9.95**

Hard Disk Interface

129⁹⁵

Low As $15 Per Month★

Utilize Primary Drives

Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later). **26-3145** **129.95**

164   ***INSTALLATION REQUIRED (NOT INCLUDED). SOME INSTALLATIONS MAY REQUIRE ADDITIONAL-COST HARDWARE.**

Color Computer Applications and Games

* Revolving Credit
Available
See Page 3

Choose From All-New and All-Time Favorite Program Paks

Color Computer 3

NEW! Super Pitfall. The Nintendo classic comes to your Color Computer 3. Join Pitfall Harry as he searches a vast underground cave dwelling high in the Andes. With over 270 challenging screens, plus scads of pits and falls. snakes and bats and assorted other inconveniences. **26-3171** **29.95**

NEW! GFL Championship Football II. This has what no other computer football program has . . . in-the-helmet perspective to put you down on the field, where the action is! 2-D view helps you plan your strategy. Joysticks required. **26-3172** **29.95**

NEW! Castle of Tharoggad. Storm the treacherous castle to explore its dangerous 3D maze, battle vicious beasts on the prowl, and avoid sinister traps set by the evil captor. Requires joysticks. **26-3159** **29.95**

NEW! A Mazing World of Malcom Mortar. As you wind your way down through myriad passages towards the basement carrying a load of bricks and dynamite, suddenly, you hear a shout, and the deafening crash of breaking masonry above! For a moment, everything goes black . . .
26-3160 . . . . **29.95**

NEW! Rad Warrior. It's 2500 A.D., and someone must stop the nasty mutant aliens. As Tal, warrior of the future, you'll need to get the weapons to penetrate their radioactive city of ruins, plus have the cunning and courage to persevere!
26-3162 . . . . **29.95**

Thexder. Wear the hyper-duel armor and intrude into the huge underground fortress of the planet "Nediam." Battle enemy robots with state-of-the-art weaponry. **26-3072** **24.95**

Shanghai. Smoke hangs thick in the steamy alley backroom in Shanghai. Tension grips as fortunes ride on the clicking tiles of a game—Mah Jongg—the 3,000-year-old obsession of sailors, warriors, scoundrels and kings. Beware . . . this game can be addictive. Joysticks recommended.
26-3084 . . . . **24.95**

Springster. Outwit Spudman, Hoodmaster and Spring Stomper in your quest for the magnificent maze melon. Brave great danger while moving through dazzling 3D mazes. Joysticks required. **26-3078** **24.95**

Color Computer 2 and 3

NEW! Silpheed. Become the ace pilot Silpheed, Super Dogfighter, as you defend the United Universe from an evil empire. Be bold and courageous and you will ultimately face Xacalite. the hideous leader of the Anti United Universe. Defeat him, and you save the free worlds!
26-3054 . . . . **29.95**

NEW! Tetris. The irresistibly addictive Soviet Challenge! Discover the mystery of the four squares in this game conceived by two Soviet programmers. Time is of the essence as you try to rotate and/or flip moving pieces to fit as they descend. The further you get, the more challenging Tetris becomes!
26-3163 . . . . **29.95**

NEW! Soko-Ban. This strategy maze game provides 50 levels of skill at maneuvering boxes to a designated area. Strategic planning is a must! With Soko-Ban there is always the challenge to complete just one more maze. And before you know it—you're hooked.
26-3161 . . . . **29.95**

Downland. Become a spelunker! Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so beware! Requires joysticks.
26-3046 . . . . **19.95**

Dungeons of Daggorath. You're pitted against an assembly of awesome beasts and cruel monsters. Every hard-fought victory brings you closer to your ultimate opponent—the evil wizard!
26-3093 . . . . **29.95**

Color Baseball. Now you can play America's grand old sport! The exciting Color Computer program plays like the real game. You control pitching, running and defense—all in spectacular graphics. Make big-league decisions in this one. Requires joysticks.
26-3095 . . . . **19.95**

Home Education Software

NEW! Math Tutor. Builds skills in addition, subtraction, multiplication, fractions, decimals, and percents. Helps students from 1st through 6th grades master basic math facts in an interesting and exciting way.
26-3148 . . . . **24.95**

NEW! Type Mate. Learn to type. Monitor your progress through graphs for individual fingers, each hand and both hands. Finds your weak fingers to improve your typing skills.
26-3155 . . . . **24.95**

Color Math. Cassette-based program. An easy way to make learning math skills fun! Color Math will supplement your child's study with a variety of challenging problems in addition and subtraction. For ages 6-14.
26-3201 . . . . **19.95**

Home Productivity Software

Color SCRIPSIT® II. An easy-to-use word processor. You'll be able to type and edit your letters, memos, themes and reports right on the screen, then store them with an optional cassette recorder. **26-3109** **29.95**

Color File II. Store, retrieve and use various types of important data, such as addresses, warranties and personal records. **26-3110** **24.95**

Personal Finance II. An easy-to-use household budget program. Balance your checkbook and maintain accurate records of your expenditures in each budget category. You can review your expenditures on a monthly or yearly basis. **26-3106** **29.95**

Spectaculator™. Do your planning, forecasting and problem solving with this "electronic spreadsheet." Just enter numbers and formulas, and Spectaculator will calculate and display the results on command, saving you time and effort. Up to 99 rows and columns. **26-3104** **29.95**

Software above is instant loading unless stated. Shanghai, Super Pitfall/© ACTIVISION. GFL Championship Football II/© Gamestar. Thexder, Silpheed/TM Game Arts Co., Ltd. Tetris/TM Academy
Soft-ELORG. Soko-Ban/TM THINKING RABBIT. Rad Warrior/TM Epyx, Inc. Nintendo/TM Nintendo of America Inc.

Color Computer Software and Accessories

Make the Most of Your Color Computer With Disk Software

Entertainment

New! The Last Ninja. ① Scale forbidding mountains, cross lakes and rivers. Meet an array of formidable foes, human and otherwise. Master new and dangerous tasks—like Ninja magic. Because . . . only you—the last Ninja—can avenge the brotherhood and recapture the secrets of the Ninja. **26-3241** **34.95**

Flight Simulator II. ① Put yourself in the pilot's seat of a Piper Cherokee and head for the skies! High-speed color 3D graphics provide a spectacular panoramic view. **26-3242** **34.95**

King's Quest III. ① Discover the wizard's secret spells, and use his magic to free yourself from his thrall. Requires 512K. **26-3285** **34.95**

Sub Battle Simulator. ① Direct one of six WWII U.S. Navy Subs or German Kriegsmarine U-Boats. Requires joysticks. **26-3272** **29.95**

Zone Runner. ① You're an interstellar trade merchant and crackerjack space pilot. Keep an eye out for patrols, pirates, escorts and mines! **26-3286** **29.95**

The Interbank Incident. Secret agents try to regain control of a lost satellite! Requires 64K and joysticks. **26-3296** **29.95**

Rogue. ① Face unpredictable monsters, ever-changing magic and hidden dangers. It's never the same game twice! **26-3297** **29.95**

Koronis Rift. ① Take part in a daring raid to claim the exotic technologies of a magnificent ancient civilization! **26-3298** **29.95**

Rescue on Fractalus. ① As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. **26-3299** **29.95**

Home Education

Where in the World is Carmen Sandiego? ① Pursue diabolical thieves in an international chase through great cities. **26-3243** **34.95**

Microscopic Mission. ① Pilot a microscopic probe through a human body from the leg to the brain. **26-3271** **29.95**

Winnie the Pooh. An adventure that improves map skills, reading ability and logical thinking. Requires 64K. **26-3244** **34.95**

Donald Duck's Playground. Learn to recognize and match shapes, colors and letters. Requires 64K and joysticks. **26-3245** **34.95**

Mickey's Space Adventure. Help put back together the shattered "memory crystal" of a far-off planet. Requires 64K. **26-3247** **34.95**

Productivity

New Low Price! Color Computer DeskMate. Includes word processing, spreadsheet, files, paint and more. Was $99.95 in RSC-19. Requires 64K. **26-3259** **59.95**

New Low Price! DeskMate 3™. ① An integrated package of seven commonly used personal applications. Was $99.95 in RSC-19. **26-3262**, **69.95**

Phantomgraph. ① Turn numerical data into easy-to-understand graphs and charts. **26-3276** **39.95**

Home Publisher. ① Turn your computer into a personal printing press for professional-looking results every time. **26-3273** **39.95**

The Color Computer Artist. ① A picture editor for the Color Computer 3. Select features from menu icons. **26-3277** **29.95**

Operating System/Programming Tools

OS-9 Disk Operating System. Includes a powerful editor/assembler, plus functions for disk and terminal input/output, software memory management and multitasking. **26-3030** **69.95**

OS-9 Level Two Disk Operating System. ① Supports 512K RAM and dual speed on the Color Computer 3. Includes BASIC 09. **26-3031** **79.95**

OS-9 Level Two Development System. ① Complete editor/assembler with full-screen editing and specialty input/output drivers for the Color Computer 3. Requires OS-9 Level Two. **26-3032** **99.95**

Multi-Vue. ① A user-friendly graphics interface for OS-9 Level Two programs. **26-3035** **49.95**
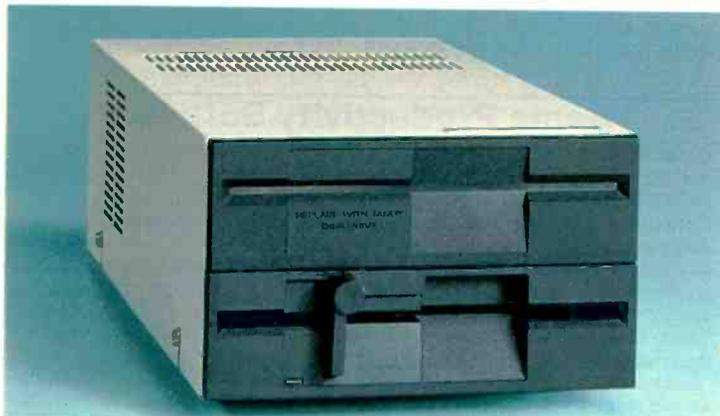
Increase Data Storage Capacity

299⁹⁵

Low As $15 Per Month★

156,672 Characters of User Storage Per Diskette

FD-502 Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system. You can write your own sophisticated disk applications or add ready-to-run software. The drive plugs into the Program Pak port or Multi-Pak Interface. UL listed AC. **26-3133** **299.95**

Second Drive for FD-502. Adds 156K of storage. Requires installation (not included). **26-3135** **179.95**

Special Savings on OS-9 and a Disk Drive

OS-9 Level Two and FD-502. Reg. Separate Items $379.90. **26-3133/26-3031** **339.90**

Affordable Tandy Portable Computers

Lightweight Portable That's Ready to Go When You Are

Low As $30 Per Month★

599⁰⁰

- Tandy 102 Now Has More Memory—32K Built In
- Five Built-In Programs Are Ready to Use the Moment You Turn the Power On
- Full-Size Keyboard Makes Typing Easy
- 40-Character × 8-Line Liquid Crystal Display
- Self-Contained Direct-Connect Telephone Modem

Tandy 102. The slim, lightweight Tandy 102 is a Micro Executive Workstation™ that's ideal for business people and students. Plus, the Tandy 102 features five instant-on programs, a 40 × 8 display and a modem—all built in. Use the Tandy 102 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Only 3 lbs. Requires four "AA" alkaline batteries. 26-3803 .... 599.00

AC Adapter. UL listed. 26-3804 .... 6.95

SPECIFICATIONS: Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 32K ROM; 32K RAM. **Keyboard:** Full-size 56-key typewriter-style with embedded 10-key datapad, plus 8 programmable function keys. **Display:** 40 × 8 Liquid Crystal Display, upper and lower case ASCII characters. 240 × 64 dot-matrix graphics. **Modem:** Built-in FCC-registered direct-connect modem with auto-dialer. 300 bps. **Input/Output:** Parallel printer interface. RS-232C serial communications interface. Cassette tape interface. Standard bar-code reader interface. **Dimensions:** 1½ × 11⅞ × 8½". **Weight:** 3 lbs. **Power Supply:** Up to 20 hours on 4 "AA" alkaline batteries or optional UL listed AC power supply. Internal rechargeable nickel-cadmium battery will maintain memory intact for up to 30 days with power off.

Accessories and Software

New Low Price! Tandy 102/200 Carry Case. Was $39.95 in RSC-19. 26-3811 .... 29.95

Printer Cable. 26-1409 .... 14.95

Direct-Connect Modem Cable. One free hour on CompuServe and Dow Jones News/Retrieval. For modular phone jacks. 26-1410 .... 19.95

New! Tandy 102 Technical Reference Manual. Includes schematic diagrams. 26-252 .... 9.95

8K RAM Upgrade for 24K Tandy 102. Installation recommended. 26-3817 .... 14.95

Tandy 200 24K RAM Upgrade. Installation recommended. 26-3866 .... 199.95

Multiplan ROM. For Tandy 100/102. 26-3829 ... 149.95

SCRIPSIT® 100. 26-3830 .... 39.95

Tandy 102 Peripherals

(1) Portable Disk Drive 2. Stores 200K of data on 3½" floppy disks. Weighs 1¾ lbs. 2 × 4¹⁵/₁₆ × 6⅛". Requires four "AA" batteries or AC Adapter (not included).
26-3814 .... 219.95

(2) Acoustic Coupler 2. Ideal for use when direct phone connection isn't possible. Accepts round or square handsets. (Handset shown not included.)
26-3818 .... 59.95

(3) Bar Code Wand. Use for billing, couponing and retail-item control. Includes cassette software for UPC, Plessey and 3 of 9. (Computer shown not included.)
26-1183 .... 99.95
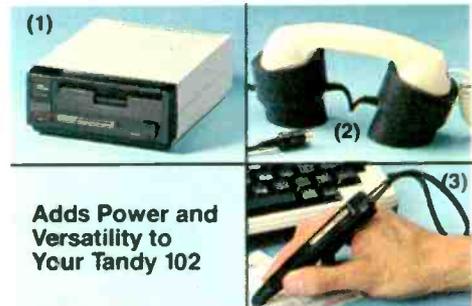
Adds Power and Versatility to Your Tandy 102

Pocket Scientific Computer

69⁹⁵

- Up to 72 Scientific and 17 Statistical Functions
- 2K RAM
- Ideal for Engineers and Students

PC-7. Keep track of important data and calculations anywhere you go. Features 35 BASIC commands so you can write your own special programs. 12-character display. Folds to ½ × 3⅜ × 5½". Includes batteries. 26-3673 .... 69.95

Replacement Battery for PC-7. Requires two. 23-162 .... Each 1.79

Advanced Pocket Computer and Accessories

Low As $15 Per Month★

119⁹⁵

- Easy-to-Read 24-Character Display
- 65 Built-In Scientific Functions

PC-6 Scientific Pocket Computer. The PC-6 combines the best features of a powerful scientific calculator and a programmable pocket computer. Perform scientific calculations, or write your own programs in BASIC or Assembly Language. Retains programs and data even when power is turned off. Uses PC-4 Cassette Interface and Printer with PC 5/6 Cable (all sold separately). 8K RAM (expandable to 16K). Folds up to ¾ × 2¾ × 5⅝". Includes batteries.
26-3672 .... 119.95

PC-6 8K RAM Module. 26-3674 .... 19.95

PC-4/5/6 Portable Printer. Requires 26-3671 cable. 26-3652 .... 99.95

Cassette Interface and Printer Cable. For 26-3651 and 26-3652. 26-3671 ...... 16.95

Thermal Paper. 1½" wide. 65-711 .. 5/1.99

Cassette Interface. 26-3651 .... 39.95

Replacement Battery for PC-6. Requires two. 23-162 .... Each 1.79

Multiplan/TM Microsoft Corp. SCRIPSIT/Reg. TM Tandy Corp.

Radio Shack Has Printers for Your Every Need

Our Best! Deluxe Laser Printer

2599.00

Commercial Lease Available
For Only $95 Per Month
(Plus Applicable Use/Sales Tax)

- Complete—No Special Controller Board Required
- 1.5 MB Memory for 300 × 300 Dots-Per-Inch Quality
- Includes Several Popular Soft Fonts

LP 1000. Excellent for desktop publishing—laser-sharp clarity rivals professional typeset quality! Features portrait and landscape modes, 10/12/16.7 characters-per-inch text and 300 × 300 dpi on a full page measuring 8½ × 11″. Quietly prints up to six pages per minute. Optional downloadable custom fonts available. Convenient front-panel selection of program, fonts and type styles—no cartridges to misplace. Tandy®, IBM® and HP LaserJet Plus® compatible. Includes soft fonts "B" and "F" for HP emulation mode. Centronics parallel interface.
26-2804 . . . . 2599.00

Kit A. Drum/cleaner/maintenance kit. 26-2805 . . . . 199.95
Kit B. Cleaner/maintenance kit. 26-2806 . . . . 99.95
Toner. 26-2807 . . . . 27.95

IBM/Reg. TM International Business Machines Corp. HP LaserJet Plus/Reg. TM Hewlett Packard.

SPECIFICATIONS: Print Speed: 6 pages per minute. Resolution: 300 × 300 dots per inch. Printable area max. 8″ wide, 13½″ long. Paper Size: Letter, legal, half-letter, A4, A5, B5, 4 to 8½″ wide and 8⁵⁄₁₆ to 14″ long. Paper tray holds 150 sheets 20# bond max. Duty Cycle: 3000 sheets per month. Interfaces: Video, Centronics parallel. Dimensions: 8⁵⁄₁₆ × 16¹⁄₁₆ × 16½″. Weight: 37.5 lbs. Power: 120 VAC, 60 Hz. UL listed AC.

Dot-Matrix Power for Business Applications

1599.00

Commercial Lease Available
For Only $60 Per Month
(Plus Applicable Use/Sales Tax)

- IBM® PC Compatible
- Prints Up to 240 cps
- 24-Wire Letter Quality

DMP 2120. Use the Font Editing Packages (sold separately) to load different type styles for print quality that rivals a daisy wheel printer! Includes data-processing, word-processing and graphics modes. Front-panel selection of fonts, character sets and type style. Prints up to 240 characters per second. Prints original, plus two copies. Includes built-in "push-type" tractor so single form or individual fanfold sheets can be detached without waste. Precision 24-wire print head. Optional four-color ribbon available. Parallel interface. UL listed AC.
26-2811 . . . . 1599.00

SPECIFICATIONS. Print Speed: NLQ Mode—up to 80 cps @ 10 cpi. Draft Mode—up to 240 cps @ 10 cpi. Print Density: 10, 12 and 16.7 cpi, plus proportionally spaced and elongated. Character Set: 96 ASCII, 31 international and 31 graphics characters. Horizontal Dot Resolution: 360 dots/inch, 4896 dots/line. Vertical Spacing: 12, 6, 8 lines per inch. Line Feed: ¹⁄₆, ¹⁄₈, ¹⁄₁₂, ¹⁄₁₂₀″. Dimensions: 7¾ × 22½ × 15⅜″. Weight: 42 lbs. Power: 120VAC, 60 Hz.

Low-Priced Daisy Wheel Printer

459.95

Low As
$23 Per Month *

- IBM PC Compatible
- Prints 200 wpm (20 cps)

DWP 230. Uses interchangeable 96-character print wheels. Includes Courier 10 print wheel and carbon ribbon. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-2812 . . . . 459.95
Bi-Directional Tractor for DWP 230. 26-2813 . . . . 99.95

Computer/ Printer Selector

99.95

Low As $15 Per Month *

Printer Selector 2 Interface. Stop plugging and unplugging printer cables! Now you can easily connect two printers to one computer or two computers to one printer then automatically switch between them. Compatible with any standard parallel printer. Cables not included. UL listed.
26-2820 . . . . 99.95

Hard-to-Find Printer Supplies

Print wheels and plotter pens are available by special order through our exclusive Consumer Mail service for all Tandy and Radio Shack daisy wheel printers and plotters. If not in stock at the Radio Shack Computer Center or Radio Shack store or dealer near you, the item will be shipped to your local store in a few days. No extra charge for this service, no minimum order.

Custom Fonts to Enhance Your Printer

NEW! Font Download Utility. Includes soft fonts "B" and "F" for HP emulation mode of LP 1000. 25-1305 . . . . 195.00
Custom Font System for PC Compatible/2000. 25-1158 . . . . . . 24.95
Custom Font System for Model 4. 26-2232 . . . . 24.95
Custom Font System for Model 2/12/16/6000. 26-4840 . . . . . . 24.95

SOME ITEMS ON THIS PAGE ARE AVAILABLE BUT MAY NOT BE STOCKED AT ALL PARTICIPATING RADIO SHACK STORES AND DEALERS.

More Printers and Printer Accessories

Print 300 Characters Per Second With Our 132-Column Business Printer

699⁰⁰ Low As $35 Per Month ✶

- IBM® PC Compatible ■ Prints 132 Columns
- Triple-Mode Printer ■ Optional Downloadable Fonts
- Built-In Tractor—Use Fanfold Paper or Single Sheets

DMP 440. The perfect dot matrix printer for your business. The DMP 440 features superior speed and quality at a cost-effective price for many office printing needs. Three modes for word processing, data processing and dot addressable graphics. Download fonts with optional-extra font package for customized printing. Prints 10, 12 or 16.7 cpi, plus elongated, elite, condensed and super/subscripts. Prints a full 132 columns for business reports. 9-wire print head. Produces bit-image graphics. Prints original, plus two copies. Automatic single-sheet positioning. Built-in adjustable tractor. Parallel and Color Computer-compatible serial interfaces. **26-2808** **699.00**

SPECIFICATIONS. Print Speed: NLQ Mode—up to 50 cps @ 10 cpi. Draft Mode—up to 300 cps @ 10 cpi. **Print Density:** 10, 12 and 16.7 cpi, plus elongated, elite and condensed. **Character Set:** 96 ASCII, 64 special, and 30 block graphics characters. **Horizontal Dot Resolution:** 816-3264 dots per line. **Vertical Spacing:** 12, 6, 8 lines per inch. **Line Feed:** 1/6, 1/8, 1/12, n/72". **Dimensions:** 5³/₈ × 23³/₈ × 14³/₄". **Weight:** 17⁵/₈ lbs. **Power:** 120VAC, 60 Hz. UL listed AC.

Triple-Mode Printer for Home or Office

NEW FOR 89 # 379⁹⁵

Low As $19 Per Month ✶

- IBM PC Compatible
- Prints Up to 120 cps

DMP 132. Features word-processing, data-processing and dot-addressable graphics modes. Prints standard or italic cursive in draft or correspondence modes. Supports super/subscripts, double-width, bold, double-strike and microfonts. Built-in tractor. Parallel and Color Computer-compatible serial interfaces. UL listed AC. **26-2814** **379.95**

Our Budget-Priced High Performer

219⁹⁵

Low As $15 Per Month ✶

- IBM PC Compatible
- Bit-Image Graphics
- Prints 80 cps
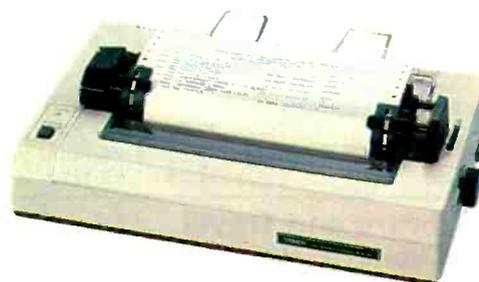
DMP 106. Ideal for data processing and general-purpose use. Bi-directional—prints 80 upper and lowercase letters per line (8 × 9 matrix) at 43 lines per minute (at 10 characters per inch). Elongated and condensed modes. Removable adjustable tractor. Parallel and Color Computer-compatible serial interfaces. UL listed AC. **26-2802** **219.95**

Replacement Printer Ribbons

Printer	Ribbon	Catalog No.	Each
DMP 130, 130A	Cartridge	26-1236	10.95
DMP 130, 130A	Refill (3/Pk.)	26-1238	12.95
DMP 105, 106	Fabric Cart.	26-1288	7.95
DWP 210, 230, 520	Multi-Strike (3/Pk.)	26-1445	17.95
DWP 210, 230, 520	Fabric Cart.	26-1458	8.95
DMP 2120	Fabric, Blk.	26-2834	39.95
DMP 2120	Fabric, Colors	26-2835	79.95
DMP 2120	Refill, Blk.	26-2836	17.95
DMP 2120	Refill, Colors	26-2837	37.95
DMP 440	Fabric Cart.	26-2809	34.95
PC 1 Printer	Fabric Cart.	26-3507	2.75

Additional ribbons are available for other Tandy/Radio Shack printers—see the RSC-20 Computer Catalog for a complete listing.

Get the Printer Cable You Need

(1) (2) (3) (4) (5) (6)
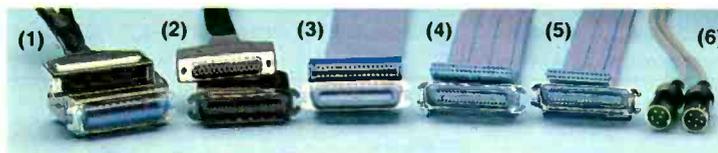
Fig.	Fits	Description	Length	Cat. No.	Each
1	All Tandy 1000	34-pin card edge/36-pin plug, shielded	6'	26-225	34.95
			12'	26-222	39.95
2	All Tandy 3000/4000/5000/1400 LT	DB25 male/36-pin plug, shielded	6'	26-227	34.95
			12'	26-223	39.95
3	Model I/III/4/4P/4D	34-pin card edge/36-pin plug, ribbon	6'	26-1401	29.95
4	Model II/12/16/16B/2000/6000	34-pin header/36-pin plug, ribbon	6'	26-4401	29.95
			12'	26-1323	34.95
5	Model 100/Tandy 102/200/600	26-pin header/36-pin plug, ribbon	6'	26-1409	14.95
6	Color Computer/MC-10	4-pin DIN/4-pin DIN, special serial	6'	26-3020	5.95

Quality Computer Supplies and Accessories
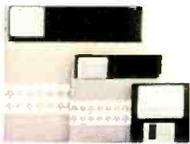
Certified 3½", 5¼" and 8" Disks

Certified Error-Free

High-Density Double-Sided

Size	Tracks	Qty.	Cat. No.	Price
3½"	80 (1.44 MB)	3	26-423	34.95
		10	26-424	89.95
5¼"	80 (1.2 MB)	3	26-421	13.95
		10	26-422	34.95

5¼" Replacement Labels.
26-307 . . . . Pkg. 54/1.95

Double-Sided

Size	Tracks	Qty.	Cat. No.	Price
3½"	80 (720KB)	3	26-417	16.95
		10	26-418	42.95
5¼"	40 (360KB)	3	26-411	5.49
		10	26-412	12.95
	80 (720KB)	3	26-409	8.49
		10	26-410	19.95
8"	77 (1.2MB)	10	26-4960	39.95

Single-Sided

Size	Tracks	Qty.	Cat. No.	Price
8"	77 (608KB)	10	26-4906	34.95

Fanfold Printer Paper

- High-Quality, One-Part Bond Paper—Not Ground Wood or Recycled Paper
- "Invisible" Detachable Margins on Letter-Sized (9½ x 11") Sheets
- 20# Bond Sheets Now Use Special Superwhite, Letter-Quality Paper

Size	Design	Sheets	Weight	Brightness	Cat. No.	Each
9½ x 11"	Blank	500	16# Hibulk	80	26-1423	9.95
9½ x 11"	Blank	1250	16# Hibulk	80	26-276	24.95
9½ x 11"	Blank	500	20#	88 Superwhite	26-1387	11.95
9½ x 11"	Blank	1250	20#	88 Superwhite	26-1427	29.95
9½ x 11"	Blank	2500	20#	88 Superwhite	26-277	54.95
9½ x 11"	Greenbar	3500	16# Hibulk	80	26-1403	59.95
14⅞ x 11"	Greenbar	1500	15#	60	26-278	39.95

Diskette Storage Boxes

Disks not included.

Low As 12⁹⁵

Dust-Free Protection

For 3½" Disks. Holds 30.
26-1381 . . . . 12.95
For 5¼" Disks. Holds 50.
26-1362 . . . . 14.95

¼" Data Tape Cartridges

System	Length	Cap.	Cat. No.	Each
TCS-100	450'	48MB	26-1391	34.95
TCS-2000	205'	40MB	26-218	32.95
SCSI Int.	600'	150MB	26-204	44.95

Bernoulli Cartridges

Size	Capacity	Cat. No.	Each
5¼"	20MB	26-221	99.95
8"	10MB	26-1372	99.95
8"	20MB	26-220	119.95

Bernoulli Cleaning Kits

For 5¼" DCS. 26-1382 . . . 79.95
Refill for 26-1382.
26-1390 . . . . 39.95

Color Fanfold Paper

Color Pack. 100 ea.: blue, red, gold. 24-lb.
26-206 . . . . 16.95
Pastel Pack. 100 ea.: blue, pink, ivory. 20-lb.
26-207 . . . . 16.95

Letter Size

Hanging Binders

14⅞ x 11" Printout Binder. For printout storage. 26-211 . . . . 2.99
9½ x 11" Printout Binder.
26-212 . . . . 2.99

Forms and Stationery

Radio Shack provides a complete selection of custom-designed business forms, stationery, envelopes and labels that are guaranteed compatible with our computer systems. Place your order at your nearest Radio Shack Computer Center or Department today.

Library and Travel Diskette Boxes

(1) (2)

NEW FOR 89

Disks not included.

(1) New Economy Boxes
3½". Holds 10. 26-273 . . . . . 1.19
5¼". Holds 10. 26-274 . . . . . 1.19
(2) Deluxe Boxes
3½". Holds 5. 26-1380 . . . 2/2.95
5¼". Holds 10. 26-1452 . . . . 4.95
5¼". Holds 5. 26-1348 . . . . 2.95

Disk Drive Clean Kits

Low As 1⁹⁹

For Single or Double-Sided
3½". 15 cleanings. 26-253 . . 7.95
5¼". 15 cleanings. 26-408 . . 7.95
8". 15 cleanings. 26-4957 . . 8.95
Disposable Kits
3½". 2 cleanings. 26-271 . . 2.99
5¼". 2 cleanings. 26-239 . . 1.99

Fanfold Labels

Width	Carrier	Qty.	Cat. No.	Each
1	4¼"	1000	26-1328	5.95
1	4¼"	5000	26-261	19.95
2	9½"	2000	26-262	15.95
3	9½"	3000	26-263	15.95

Copier Paper & Toner

For EPC-150 Copier:
Letter-Size Paper. 88-2041 . . . . . . 300/18.95
Legal-Size Paper. 88-2042 . . . . . . 300/19.95
Toner A "Starter". 88-2043 . . . . . . 2/24.95
Toner B "Replenisher". 88-2044 . . 4/32.95
For PPC-200 Copier:
Dry Toner. 2 bottles. 88-2051 . . . . . . 34.95

Printer Roll Paper

Printers	Cat. No.	Each
CGP 115	26-1428	3/5.95
CGP 220	26-1333	3/9.95
TP 10	26-1332	2/4.95
PT 210/TRP 100	76-1003	6/29.95
PC 1	26-3506	6/1.99
PC 2	26-3606	6/2.95
PC 3/8	26-3592	5/2.49
PC 4/5/6	65-711	5/1.99
Quick Printer	26-1405	3/24.95
Quick Printer II	26-1412	2/6.95
LP I/II/IV/VII/200	26-1402	2/19.95
Plotter/Printer	26-1407	5.95

Cassette-Based Computer Accessories

59⁹⁵

- Automatic Level Control
- CPU Starts/Stops Recorder Automatically

CCR81 Computer Cassette Recorder. Includes cable. UL listed AC operation or 4 "C" batteries (not included). 26-1208 . . . . 59.95
Replacement Cable. 26-1207 . . . . 5.95

Certified Cassettes

Type	Cat. No.	Each
Deluxe C-20	26-308	3.79
C-20	26-301	2.79
C-10	26-302	1.89

Disk File Envelopes

Protect two 5¼" disks in each handy 3-ring binder envelope. Pkg. of 10.
Disks not included. 26-510 . . . . 7.95

5¼" Drive Analyzers

Analyzes alignment, rotational speed, index timing, clamping ability and write/read accuracy.
For Tandy 1000 5¼" Drives.
26-1370 . . . . 29.95
For Tandy 3000/4000 5¼" Drives.
26-217 . . . . 29.95

Mouse Pad

NEW FOR 89

Mouse not included.

Provides smooth tracking surface for mouse controller. Cloth top.
9½ x 7¾". 26-237 . . . . 6.95

Flowchart Template

2⁴⁹ **NEW FOR 89**

Create easy-to-follow programming flowcharts.
26-254 . . . . 2.49

Computer Furniture and Accessories

Full-Size Affordable Computer Furniture

Beautiful Simulated Oak

Computer Workcenter. Allows plenty of room for working. Features a full-width monitor shelf (41½ × 14¾") for additional space. Adjustable glides. Easy to assemble. 34 × 43 × 23¾". 26-1350 . . . . 99.95

Printer Stand. With storage shelf and bottom-feed paper slot. Large enough for wide 132-column printers. Adjustable glides. Easy to assemble. 26¾ × 18½ × 21½". 26-242 . . . . 59.95

Computer Workcenter
99⁹⁵
Low As $15 Per Month*

Computer, printer and accessories not included

Printer Stand
59⁹⁵

Auto-Power Controller
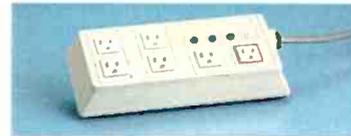
69⁹⁵ Protects Against Spikes and Line Noise

Automatically turns on accessories when CPU is switched on. Common and differential mode transient protection and filtration. 15-amp rated. 6-ft. power cord. UL listed AC. 26-1396 . . . . 69.95

Switching System

99⁹⁵ Swivels for Monitor Viewing

CPU, monitor not included.

Power Switching System. Six outlets. Filters transients/line noise. UL listed AC. 26-203 . . . . 99.95

Space-Saving Computer and Printer Stands

Computer Stand   **Printer Stand**

49⁹⁵ Each

Computer, printer and accessories not included.

Easy to Assemble

Computer Stand. Monitor platform and storage shelf. 26 × 32 × 19¾". 26-1354 . . . 49.95
Printer Stand. Bottom-feed paper slot and storage shelf. Adjustable glides. 26 × 26⅞ × 19¾". 26-1355 . . . . 49.95

Spike Protector

18⁹⁵

- Twin Outlets
- With MOV Status Lamp

Full common and differential-mode transient protection. Power-line noise filtration. Push-to-reset circuit breaker. 10-amp rated. U.L. listed AC. 26-1395 . . . . 18.95

Computer Power Center

NEW FOR 89 **39⁹⁵**
(Avail. 10/30/88)

Three-way transient spike protection and one-way filtration. 15 amp rated. With 6-ft. power cord. UL listed AC. 26-1365 . . . . 39.95

Universal Monitor Platform

NEW FOR 89

19⁹⁵

Easy to Assemble
CPU and monitor not incl.

Accommodates all Tandy monitors and many others. Durable molded plastic. 4¾ × 20⅞ × 12". 26-1329 . . . . 19.95

Monitor Pedestal

16⁹⁵

CPU, monitor not incl.
Rotates and tilts. Base: 11 × 10¼". 26-1369 . . 16.95

Dust Covers

Computers	Cat. No.	Each
Color Computer 3	26-532	4.95
Tandy 1000 HX	26-543	4.95
CPU with Monitor	26-541	9.95
Peripherals	**Cat. No.**	**Each**
Universal Color Monitor	26-548	4.95
CoCo Disk Drives	26-542	3.95
Tandy 1000 Disk Drives	26-544	3.95
Printers	**Cat. No.**	**Each**
DMP 106	26-530	4.95
DMP 132	26-536	4.95
DMP 2120	26-546	4.95
DMP 2200	26-539	4.95
DWP 220/230	26-537	4.95
DWP 440	26-547	4.95

Safety Extensions

NEW FOR 89

(1)   (2)   (3)

All power cords UL listed.
Neat 6-ft. flexible beige PVC.
(1) 6-Ft. Runner With Twin Power Outlets. 26-238 . . . . 24.95
(2) 6-Ft. Cord Cover. AC cord not incl. 26-1379 . . . . 13.95
(3) New! 6-Ft. Runner With Twin Power Outlets and Twin Modular Phone Jacks. 26-272 . . . . 44.95

Backup Power Supply

349⁹⁵ Low As $18 Per Month*

Provides Spike Protection

BPS 250. Provides up to 7 minutes of full power operation (250 watts). UL listed AC. Three outlets. 26-250 . . . . 349.95

Anti-Glare Screen

24⁹⁵

Before After

For Tandy Color Monitors. Eliminates surface glare, improves readability, and reduces eyestrain. 26-202 . . . . 24.95

Printer Supports

16⁹⁵

Printer not incl.

Elevates printer so fanfold paper can easily be placed underneath. Use with any 80-column printer. 26-1367 . . . . .16.95

CPU Floor Stand

29⁹⁵ Fits Tandy, Other PCs

CPU not included

Durable steel construction and non-skid rubber feet. Easy to assemble. 26-201 . . . . . . 29.95

Anti-Static Spray

5⁹⁵

Reduces harmful static. 16 oz. 26-515 . . . 5.95

Keyboard Cover

NEW FOR 89

Keyboard not included.

Fits new Tandy enhanced keyboards and IBM (not for 25-4038). 26-1336 . . . . 7.95

Platen Cleaning Kit

NEW FOR 89 **6⁹⁵**

Reduces paper misfeeds on computer printers and typewriters. Two brushes, 1-oz. bottle of fluid and instructions. 26-205 . . . . 6.95

Extension Cables

14⁹⁵

5-ft. Tandy 1000 Keyboard Extension Cable. 26-1389 . . . . . . 14.95
6-ft. Monitor Extension Cable. Shielded. 26-257 . . . . 14.95

For Business Products Backed by Total Support,

Tandy 5000 MC Professional System

NEW FOR 89 **4999⁰⁰**

Monitor and mouse not included

Commercial Lease Available For Only $180 Per Month (Plus Applicable Use/Sales Tax)

- 20 MHz Intel® 80386™ Microprocessor ■ VGA Graphics
- 2 MB RAM (16 MB Capacity) ■ Cache Memory

Our most powerful computer ever! The Tandy 5000 MC Micro Computer is strictly business, from the look of its 256,000-color VGA graphics to the tactile feel of its newly-designed keyboard. Its Intel 80386 processor operates at a lightning-fast 20 MHz, and a memory cache controller provides RAM-fast access to your data. IBM® Micro Channel™ compatible architecture provides a 32-bit wide data path for virtually simultaneous data transfer between peripherals. Will operate MS-DOS® 3.3, MS® OS/2, SCO® XENIX® 386 and network operating software. The 5000 MC's technology, performance and price all add up to an incredible value. VGA graphics, serial and parallel ports and mouse support included. UL listed AC.

25-6000†	4999.00
Tandy 5000 MC with 40 MB Hard Disk Drive	6499.00
Tandy 5000 MC with 84 MB Hard Disk Drive	6999.00

MS, XENIX and MS-DOS/Reg. TM Microsoft Corp. SCO/Reg. TM The Santa Cruz Operation. Intel/Reg. TM and 386/TM Intel Corp. Micro Channel/TM and IBM/Reg. TM IBM Corp.
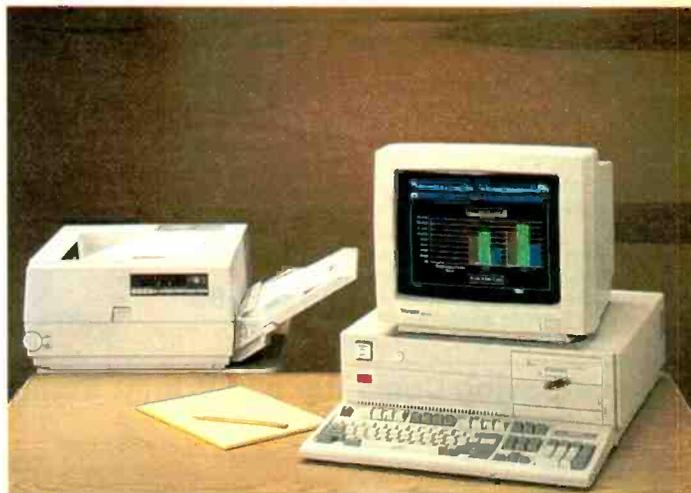
Tandy 4000 and New Tandy 4000 LX

Tandy 4000 Low As

NEW FOR 89 **2599⁰⁰**

Monitor and printer not included

Commercial Lease Available For Only $145 Per Month (Plus Applicable Use/Sales Tax)

- Intel 80386 Microprocessor ■ 16 and 20 MHz versions
- 3½″, 1.44 MB Floppy Disk Drive ■ MS OS/2 ready

For superb 80386 power and performance at a surprisingly affordable price, look to the Tandy 4000 family. It's so cost effective, you can actually configure a 386 system for what you'd expect to pay for a competitor's 286 model. Easily expandable with six AT and two XT-style expansion boards for a variety of applications. 3½″ 1.44 MB floppy disk drive, plus room for two additional front-panel drives. UL listed AC.

Tandy 4000. 16 MHz clock speed. 1 MB RAM. 25-5000	2599.00
Tandy 4000 with 40 MB Hard Disk Drive	3799.00

Tandy 4000 LX. The super-fast 4000 LX runs current PC/XT/AT software and MS OS/2 applications with amazing speed. 20 MHz clock speed, 2 MB RAM. 25-5100† 3999.00

Tandy 4000 LX with 40 MB Hard Disk Drive	5199.00

People and PCs Working Together™: Tandy Workgroup Solutions

Connect MS-DOS-based computers in your office with a Tandy Workgroup Solution.

✕✕ TANDY WORKGROUP SOLUTIONS™

Radio Shack has the workgroup for small offices, large departments and companies. For two workstations and up, our TandyLink/Professional workgroup provides a most affordable, easy-to-use solution. Each user can share files, mail, an appointment calendar—even a printer.

For larger workgroups, Radio Shack and 3Com have teamed together to provide the ideal workgroup solution. Now you can use your PC to share information with your colleagues, update files in a common data base and route messages and other mail—electronically. A Tandy 5000 MC, Tandy 4000 LX or Tandy 4000 computer acts as file server, providing information for all of the computers in the workgroup. 3Com will support multiple MS-DOS machines, so the Tandy 1000 TL, 3000 NL, 3000 and IBM-compatible PCs can be used as workstations. We provide the standards, expandability and support that you can have confidence in.

The ease of installation and ease of use of a Radio Shack/3Com workgroup means each user can become more productive quickly, while network management is kept simple.

Let one of our representatives arrange a no-cost, no-obligation meeting with you to explain how you can benefit from a Tandy Workgroup Solution. Learn how Radio Shack's experience with workgroup solutions, the complete line of Tandy computer products and superior support and service work together for your business.

ITEMS ON THIS PAGE AVAILABLE ONLY AT RADIO SHACK COMPUTER CENTERS AND PARTICIPATING STORES AND DEALERS.

PC-Compatible Tandy 1400 LT Portable

Get MS-DOS® Power and a Highly Legible Backlit "Supertwist" Display

1799⁰⁰
Software not included

Low As $90 Per Month∗

- Full-Function IBM® PC Compatible
- High-Quality Supertwist Backlit LCD Display
- High-Performance 7.16 MHz Clock Speed
- Features Two 3½" Built-In Disk Drives
- Removable, Rechargeable Battery Pack
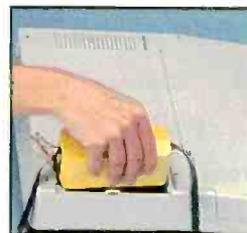
Battery pack ensures power when you need it

Handy carrying case for easy transport

Tandy 1400 LT. A PC-compatible portable computer with standard features that no other portable offers. The Tandy 1400 LT is the perfect solution for people who spend most of their time travelling—like sales personnel, reporters and business people. You'll be able to finish reports and memos, organize your presentation materials—whatever your needs—at anytime or place. Or you can use it in your office and get all the advantages of a fully configured desktop computer.

The Tandy 1400 LT's 8088-equivalent microprocessor (NEC V-20) has a 7.16 MHz clock speed (vs. 4.77 MHz for many other PC-compatible portables). The 768K RAM is enough memory to run all of your important applications. And because the 1400 LT comes with MS-DOS®/BASIC 3.2 and is IBM PC compatible, you'll never have trouble finding sophisticated programs to increase your productivity. Another important advantage is the 1400 LT's two built-in 3½" disk drives. The 3½" drives give you twice the storage capacity for program and data files (720K each) than older 5¼" disk drives.

The remarkably clear backlit liquid-crystal display is the ultimate in clarity and readability. It features an 80-character by 25-line resolution (same as a full-sized monitor), and the latest in "supertwist" LCD technology. The keyboard features 76 typewriter-style keys and special-function keys. The 1400 LT weighs less than 14 pounds, and it even comes with a handle for easy transportation.

The 768K RAM gives you a tremendous amount of portable-computing power. With 640K addressed by MS-DOS, you'll have 128K left over for a RAM-based disk drive. The Tandy 1400 LT also features a real-time clock and includes a parallel printer adapter, an RGB monitor output for connecting either a CM-5 or CM-11 color monitor, an RS-232C serial interface and a handy removable battery pack. It also supports an external PC-compatible keyboard and an internal modem.

The Tandy 1400 LT offers you a clear advantage in portable-computer technology. It gives you the efficiency and power of a desktop computer, while at the same time giving you the advantage of mobility. Don't settle for anything less than the best in portable computers—the Tandy 1400 LT.
25-3500 .... **1799.00**

Get the Most Out of Your Portable With These Tandy 1400 LT Accessories

NEW! Internal 20-Megabyte Hard Disk Kit∗. Replaces one of the internal floppy drives and provides 20 megabytes of battery-operated storage. Kit includes 1"-high 20-megabyte hard disk, hard disk controller board and cables. Installation required (not included).
25-3515 .... **1199.00**

1200-bps Modem. A Hayes®-compatible auto-dial/auto-answer modem that allows your Tandy 1400 LT to run the most popular communications software at higher speeds, reducing the cost of on-line time.
25-3510 .... **199.95**

MS-DOS/GW-BASIC Reference Guide. Complete guide to all MS-DOS and GW-BASIC commands. Covers syntax, switches and all utilities. Handy for novices and experienced users alike. **25-1508** **29.95**

Carrying Case. 25-3511 .... **39.95**

Replacement Battery Pack. 25-3520 .... **79.95**

∗ Service center item only.

Specifications

Microprocessor: NEC V-20 (8088 equivalent). **Clock Speed:** 7.16/4.77 MHz (switchable). **Operating System:** Includes MS-DOS/GW-BASIC 3.2. **Memory:** 16K ROM, 768K RAM, 640K accessible by MS-DOS, 128K available for RAM-based disk drive. **Display:** Backlit "Supertwist" LCD, 640 x 200 pixels, 80 x 25 characters, aspect ratio 1:1.4. **Disk Drives:** Two internal 720K 3.5 inch double-sized, double-density. Supports one external disk drive. **Keyboard:** Full-size, 76 keys. **Modem:** Optional 1200-bps modem. **External Connections:** AC Adapter, DB-25 Parallel Printer, DB-9 Serial Port, RGBI Color Monitor, Composite Video Out, External Disk Drive, Enhanced Keyboard. **Battery:** Removable 12 Volt, 2200 mAh. **Extras available. Dimensions:** 3½ x 12½ x 14½". **Weight:** 13.5 lbs. **Certification:** FCC Class B.

IBM/Reg. TM IBM Corp. MS-DOS/Reg. TM Microsoft Corp. Hayes/Reg. TM Hayes Microcomputer Corp.

APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3

*Revolving Credit
Available
See Page 3

Choose an Easy-to-Use Internal Modem

All three internal modems have Hayes® command set, auto-dial/auto-answer, Bell 212A compatibility at 1200 bps and Bell 103 compatibility at 300 bps. Also monitor speakers and telephone line cord. FCC registered.

NEW! 2400 Half-Card. Our latest internal modem features CCITT V.22 bis. Higher speed cuts costly connect time. 25-1037 . . . . 179.95

New Low Price! 1200 PLUS Card. Designed especially to fit the Tandy 1000 EX/HX on the Memory PLUS Expansion Board (25-1062) or other PC-Compatibles with optional PLUS Upgrade Adapter Board (25-1016). Was $199.95 in RSC-19. 25-1018 . . . . 99.95

New Low Price! 1200 Half-Card. Was $199.95 in Cat. RSC-19. 25-1013 . . . . 99.95

Low-Cost 1200-bps Intelligent Modem

NEW LOW PRICE **129⁹⁵**

Was $199.95 in RSC-17B

Low As $15 Per Month *

Switchable Between Tandy and Hayes Command Sets
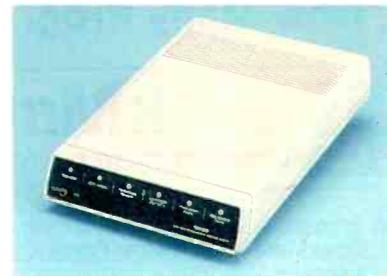
Intelligent Modem DCM 212. Features menu-driven operation that automatically selects 300 or 1200 bps rate. Bell 212A-compatible asynchronous operation. Connects via RJ-11. FCC registered. UL listed AC. 26-1385 . . . . 129.95

2-Line Communication Phone/Modem

99⁹⁵ Standard RS-232C Connection

Low As $15 Per Month *

Modemfone™ 300. Full duplex, originate/answer, 300 bps modem. Bell 103 compatible. Two-line telephone features switchable Touch-Tone/Pulse dialing. Hearing aid compatible. FCC registered. UL listed AC adapter. **26-1375** 99.95

Value-Priced Direct-Connect Modem

59⁹⁵ Affordable Communications

Direct-Connect Modem DCM-6. Our lowest-priced direct-connect modem! Includes standard DB25 plus special 8-pin DIN connector for optional Acoustic Coupler 2. Operates at 300 bps, with full duplex and originate/answer modes. FCC registered. UL listed AC. **26-1393** 59.95

Acoustic Coupler 2. 26-3818 . . 59.95

Enter the Information Age With Your Computer, Software and a Modem

- Electronic Mail ■ Shop-at-Home ■ Encyclopedia
- Research Documents ■ Up-to-the-Minute Stock Quotes
- Thousands of Programs to Download ■ Games

DeskMate
User Interface by Tandy

NEW! PC-Link℠. Here's an on-line service that uses the DeskMate interface to make it easy to use. Contains the terminal package necessary to run all PC-compatible computers. PC-Link is the lowest-priced full service network. For only $9.95 a month you get unlimited access to a wide range of services including up-to-the-minute news, the encyclopedia, the Tandy Hotline and much more. No surcharges for 1200 baud access either! Includes monthly subscription to PC-Link magazine. You will find PC-Link very friendly and easy to use You don't have to memorize any complicated commands. All you do is select options from the colorful, easy-to-read menus. Think of it. You can chat with friends and send mail. Play games with people all over the country, or access thousands of programs, including previews of "hit" software. Includes User Guide, Local Access Phone Numbers, one free month of service, PC-Link software and more. 25-1255 . . . . 29.95

CompuServe Information Service. A useful interactive videotex service accessible by almost any model of personal computer or terminal. Some of the features of CompuServe include: Communications and Bulletin Boards, Money Matters & Markets, Financial Transaction Services, Electronic Shopping, News, Weather and Sports, Travel Information, Entertainment and Games, Education and Reference and many others. Complete kit includes ID number and password, $25.00 user credit, complete User Guide, configuration diagram, reference cards, complete directory of local telephone access numbers and information Service rates, subscription to CompuServe's monthly news magazine, *Online Today,* once you've subscribed and more. 25-1257 . . . . 29.95

Use modems only with Bell-compatible equipment. Direct-connect modems are not for multiline use without optional controller. CompuServe/TM CompuServe, Inc. Hayes/Reg. TM Hayes Microcomputer Products, Inc. PC-Link/SM Quantum Computer Services.

Serial RS-232C Cables and Connectors

(1) (2) (3) (4)
(5) (6) (7) (8) (9)
(10) (11) (12) (13)
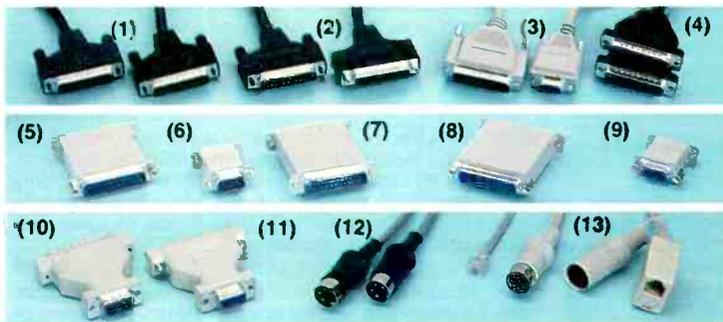
Fig.	Description	Connectors	Cat. No.	Each
1	6' round shielded	DB25 male/DB25 male	26-249	17.95
2	6' round shielded	DB25 male/DB25 female	26-240	17.95
3	6' round shielded	DB25 male/DB9 female	26-269	17.95
4	10' round, not shielded	DB25 male/DB25 male	26-1490	24.95
4	25' round, not shielded	DB25 male/DB25 male	26-1491	29.95
4	50' round, not shielded	DB25 male/DB25 male	26-1492	44.95
4	100' round, not shielded	DB25 male/DB25 male	26-1493	69.95
5	Null Modem Adapter	DB25 male/DB25 female	26-1496	7.95
6	Null Modem Adapter	DB9 male/DB9 female	26-264	6.95
7	Gender Changer	DB25 male/DB25 male	26-243	7.95
8	Gender Changer	DB25 female/DB25 female	26-1495	7.95
9	Gender Changer	DB9 female/DB9 female	26-266	6.95
10	Port Adapter	DB25 male/DB9 male	26-1388	7.95
11	Port Adapter	DB25 female/DB9 female	26-265	7.95
12	Color Computer, 6'	4-pin DIN male/4-pin DIN male, special serial	26-3020	5.95
13	Tandy 102 Modem twin 4' direct connect	8-pin DIN (Heshman-type) male/modular phone RJ11C	26-1410	19.95

Tandy 1000 Business & Productivity Software
Now Many Programs Feature the Easy-to-Use DeskMate® Interface!

TC DeskMate™ User Interface by Tandy

- Enjoy the Same Look and Feel of DeskMate in Software From Leading Vendors
- Similarity in Commands and Functions Makes Learning New Programs a Snap
- Look for the DeskMate User Interface Logo for the Ultimate in Ease of Use

At last—an easy-to-use graphics interface for Tandy and other PC-compatible computers. Tandy's new DeskMate User Interface gives an expanding selection of MS-DOS based applications a similar operating environment. This makes it easy to move from one software package to another . . . to learn new programs quickly . . . and to operate different types of software with uniform and understandable commands. Until now, each manufacturer had its own set of commands for its own program. In all, everything looked and felt so different that even experienced users could become frustrated and confused when switching applications. And naturally, this problem could play havoc on the new user. The DeskMate Interface gives MS-DOS users a welcome uniformity in operation. DeskMate has been licensed to a number of vendors, so that each of their software packages has the same user-friendly "look and feel." Our proven DeskMate format uses pop-up dialogue boxes and handy pull-down menus to select operations. Function keys work similarly from application to application. The graphic interface makes it simple to see where you are within the program—so you can quickly make a selection using the keyboard, or for even easier operation, a mouse. The advantages are clear. Software is easier to learn than ever. New users can be up and running in no time. Look for the programs with the DeskMate logo!

Increase Productivity With Business Management Software

TC DeskMate NEW! **Homeword II.** A powerful version that improves on the popular HomeWord Plus word processing system. Features "What you see is what you get" text screens, pull-down menus and dialog boxes. Other new features include an integrated graphics editing package, outline processor, thesaurus and spelling checker. Requires 256K (with DeskMate in ROM), or 384K RAM, two floppy drives. 25-1266 . . . . **89.95**

TC DeskMate **MemoryMate.** A highly versatile memory-resident data manager that offers you a very intuitive way of working with information—it allows you to work the way you think. Enter all of your notes, memos, to-do lists, thoughts and ideas in a completely freeform manner, then call them up with a single keystroke. Includes built-in Reminder feature. 25-1247 . . . . **69.95**

TC DeskMate **Quicken.** Easy-to-use checking and finance software for home and small business use. Quicken automates bill paying and eliminates rewriting recurring checks. In addition, Quicken prints checks, sorts lists, maintains check registers and more. Performs all reconciliation calculations for balancing with a bank statement and helps diagnose reconciliation problems. Supports multiple accounts; transactions per account limited only by disk space. 25-1246 . . . . **49.95**

TC DeskMate NEW! **PC-Link℠.** Get unlimited access to a wide range of services, including up-to-the-minute news, an encyclopedia, the Tandy Hotline and much more for only $9.95 per month! No surcharges for 1200 baud access either! You will find PC-Link very friendly and easy to use. Complete with User Guide. Includes one free month of usage and more. Requires modem. 25-1255 . . . . **29.95**

TC DeskMate NEW! **Venture.** A business startup program that contains an integrated system of a word processor, spreadsheet, file manager, general ledger, accounts receivable, check writer and invoicing system. Venture includes a number of templates to make starting a business much easier, plus on-line help, memory resident calculator and calendar, access to DOS and full integration between modules. 25-1249 . . . . **349.00**

NEW! **Professional File.** A complete file management and reporting program providing the full range of features needed to quickly organize, update, retrieve, analyze and report information with professional results. Requires 512K and hard disk, or two high-capacity floppy drives. 25-1260 . . **249.00**

NEW! **Professional Write.** A complete word processing program that allows busy managers to quickly write, edit, proof and print proposals, memos and letters. For quick, good-looking tables, use table editing to move, erase, copy, shift or enhance any column. The integrated spelling checker, thesaurus and built-in calculator make sure documents are error free. Requires 384K and two disk drives. 25-1261 . . . . **179.00**

New Low Price! **Professional Plan.** An advanced spreadsheet analysis program providing the full range of features needed to quickly develop, analyze, graph and print business plans, budgets, financial statements and other planning models with professional results. Requires 512K, two disk drives and a graphics card. Was $199.00 in Cat. RSC-19. 25-1173 . . **99.00**

Varsity SCRIPSIT™. A word processor with built-in spelling verifier and corrector to help create correction-free documents. Features window function, table of contents creation, footnoting and more. Requires 256K (for MS-DOS 2.11) and 384K (for MS-DOS 3.0). 25-1174 . . . . **89.95**

NEW! **Microsoft Works.** An easy-to-learn program which combines word processing, spreadsheet, database and communications. Includes macros, spelling checker, graphics and reporting capabilities. Requires 384K and two disk drives. 25-1184 . . . . **175.00**

Quartet. A complete accounting system that performs the four major accounting functions—General Ledger, Accounts Receivable, Accounts Payable and Payroll. Even prints W-2 forms and allows changing of the W-2 format if the design changes. 25-1146 . . . . **199.95**

Create and Print Cards, Banners, Signs, Newsletters and More
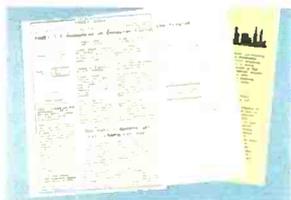
Turn your home or office into a publishing center with our exclusive print software!

TC DeskMate NEW! **Print Magic.** Create cards, flyers, certificates, stationery and banners with virtually no restriction. Pick from pictures, borders, typefaces and other stunning graphics. 25-1265 . . . **54.95**

NEW! **AwardWare.** Print traditional certificates, awards, licenses and announcements. Create upbeat coupons, stationery and more. 25-1227 . . . . **14.95**

TC DeskMate NEW! **Instant Pages.** A dynamic forms design program! Includes over 100 ready-to-use forms and newsletters—you simply fill in the words using your favorite word processor. 25-1262 . . . . **44.95**

NEW! **Print Power.** Design and print signs, cards, stationery, banners and more. A powerful print program for home, office and school. 25-1226 . . . . **19.95**

The Print Shop. Turn your computer into a personal print shop, with professional looking results. Design and print signs, announcements, letterheads, birthday cards and flyers with a variety of borders, graphics and background patterns. Choose from dozens of pictures and symbols, plus a variety of type fonts and sizes. Graphics library includes an assortment of 140 symbols and patterns. 25-1304 . . . . **54.95**

CHOOSE FROM HUNDREDS AND HUNDREDS OF PROGRAMS—ASK FOR THE NEW EXPRESS ORDER SOFTWARE BUYER'S GUIDE RSC-20S

Tandy 1000 Software for Education & Fun

Fantasy Quest

NEW FOR 89

44⁹⁵

King's Quest IV. Travel with Rosella, the beautiful princess and heroine. Journey to a town far away. Search for the enchanted fruit that will save her father. **25-1231, 44.95**

Robot Battle

29⁹⁵

NEW LOW PRICE! Thexder. Do battle with enemy robots on the planet Nediam. Use hi-tech weaponry and hyper-duel armor. Was $34.95 in Cat. 419. **25-1183, 29.95**

Flight Drama

NEW FOR 89

44⁹⁵

NEW! Flight Simulator 3.0. Puts you through the paces of a top-gun. On-screen flight instruction guides you through numerous techniques. **25-1215** **44.95**

Sports Action

NEW FOR 89

34⁹⁵

GFL Championship Football. GFL Football gives you an in-helmet perspective of America's gridiron sport. Sixty minutes of hard-hitting action. **25-1230** **34.95**

We Have Games for You—From Science Fiction to TV Game Shows

NEW! Future Magic I: The Sentinel Worlds. Savage raids are being conducted on Federation transports. You must end these raids and find the source of aggression. Look for clues on the frozen world of Ceyjavik. **25-1235** **44.95**

NEW! Official TV Game Show. Play TV's popular word game show complete with music, wheel and great word teasers. Or sharpen your wit with Jeopardy. Special bonus offer includes two editions of Wheel of Fortune. **25-1239** **29.95**

F-15 Strike Eagle. Pilot an F-15 fighter and fly into real-life combat situations where your skills make the difference between victory and defeat. Designed and tested by real fighter pilots. **25-1125** **34.95**

New Low Price! Earl Weaver's Baseball. It's America's grand ol' game for the computer—and you're the manager! Challenge a friend, or pit yourself against the legendary Earl Weaver himself. Was $39.95 in RSC-19. **25-1182** **35.95**

NEW! Chuck Yeager's Advanced Flight Trainer. Climb into the cockpit with the greatest test pilot of them all—Chuck Yeager. Learn the basics of flying, from Cessnas to mach-speed aircraft. Good flying! **25-1196** **35.95**

NEW! Police Quest. Trek into an underworld of vice, drug smuggling and homicide—as well as city bureaucracy and traffic violations. A true story based on the experiences of a 15-year veteran police officer. Contains real-life police simulations—parental guidance is advised. **25-1229** **39.95**

NEW! Space Quest II. A more dastardly scheme was never contrived! Xenon is under invasion by hordes of pushy insurance salesmen sent by the evil Sludge Vohaul, and they won't take "No" for an answer! Once more you are called upon to save your planet. **25-1220** **39.95**

New! Gunship. Climb into the cockpit of the AH-64 Apache-GUNSHIP, America's most advanced helicopter! It's up to you to lock onto the enemy and destroy him—before he destroys you! Learn advanced helicopter piloting techniques. **25-1219** **44.95**

Tandy 1000 Programs for Education and Skills Development

The FUNdamentals. Experience the FUNdamentals of computer hardware, software, DOS concepts and commands, DeskMate, and much more in an interactive game environment.

New Low Price! For Tandy 1000 HX/TX. Was $29.95 in RSC-19. **25-1186** **24.95**

NEW! For Tandy 1000 TL. **25-1233** **19.95**

NEW! For Tandy 1000 SL. **25-1236** **19.95**

New Low Price! Where in the World is Carmen Sandiego? The City awakens to find the Statue of Liberty's torch stolen! Pursue the thief on a worldwide chase. **25-1151** **34.95**

New Low Price! Typing Tutor IV. Automatically adjusts to personal abilities and progress. **25-1188** **44.95**

DeskMate User Interface by Tandy **NEW! Speller Bee.** Helps children improve their spelling skills. Children create 32 spelling lists with each list containing 10 words up to fifteen letters. Speller Bee contains 150 words each at a different level of difficulty. Ages 5-10. **25-1232** (Avail. 10/30/88) **34.95**

Term Paper Writer. A fantastic tool for organizing and writing term papers. Simplifies the process of note taking, organizing ideas, outlining information, footnoting and compiling bibliographies. Uses Turabian, APA or MLA styles. Includes spell checker. **25-1154** **49.95**

NEW! Lovejoy's Preparation for the SAT. Includes two practice exams, 25 separate practice modules, extensive help screens, scratchpad and four-function calculator. **25-1189** **44.95**

DeskMate User Interface by Tandy **NEW! The Children's Writing & Publishing Center.** Bring out the young author in your child. Children create and print their own stories, letters, assignments, reports and other manuscripts. **25-1237** **54.95**

NEW! Reader Rabbit. Four animated games help develop fundamental reading and spelling skills. Ages 5-10. **25-1216** **44.95**

NEW! Writer Rabbit. Children learn to complete sentences and stories. Each game develops important reading comprehension skills while developing writing skills. Ages 5-10. **25-1217** . . **44.95**

NEW! Math Rabbit. Four games teach children how to add and subtract one- and two-digit numbers, and recognize number patterns and relationships. Ages 5-7. **25-1218** **34.95**

New Tandy 1000 Programs to Test and Develop Your Skills

NEW! Math Blaster Plus. Over 750 basic math problems covering Addition, Subtraction, Multiplication, Division, Fractions, Decimals and Percents. Builds accuracy, problem-solving skills and confidence. Ages 6-11. **25-1200** **44.95**

44⁹⁵

**DeskMate** User Interface by Tandy **NEW! The Music Studio 3.0.** Complete music composition and editing tool. MIDI out with 16 channels. A musical word processor. (Available 10/30/88.) **25-1234** **79.95**

79⁹⁵

79⁹⁵

NEW! Deluxe Paint. Unleashes the artist in everyone! Designed to take advantage of Tandy's extended CGA mode. Flips, rotates, raises and bends any image or text. Has automatic gradient blending of colors. **25-1306** **49.95**

49⁹⁵

177

Latest Edition! DeskMate Integrated Software

Schedule Events and Appointments

Track Addresses and Phone Numbers

Access PC-Link Online Service

Create Your Own Graphic Designs

Learn How to Use a Computer
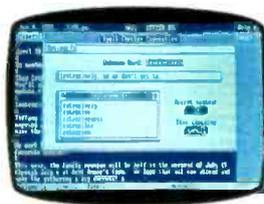
Verify Your Spelling

Now With Ten Easy-to-Use Programs! Get Right to Work the Very First Day!

99⁹⁵ Low As $15 Per Month★

NEW FOR **89**

- ■ Included with the Tandy 1000 SL and TL at No Extra Charge
- ■ Available Separately for Tandy and Other PC Compatibles
- ■ Includes Text, Worksheet, Filer, Form Setup, PC-Link℠, Phone Accessory, Calendar, Address Book, Draw and More
- ■ Written in "Plain English"—Not in "Computerese"
- ■ Handy Pull Down Menus and Helpful Dialogue Boxes
- ■ Use with the Keyboard or a Mouse
- ■ Supports Standard Video Modes

DeskMate®. Put your computer to work the very first day with a variety of practical applications. This latest version of our popular DeskMate software lets you write, organize, budget, schedule events and much more! And since the same commands are used throughout, all applications function in a similar manner. And for even easier operation, you can add a mouse for "point and click" convenience. With Text, you'll find an easy-to-use text entry and editing system. Some of the features include a spelling checker, headers, footers, boldface and underline! You can merge the information from the Address Book to add that personal touch to form letters or just print mailing labels. Calendar lets you schedule appointments and keep track of important annual events such as birthdays and anniversaries. Once the annual event is entered, it will automatically appear in Calendar each year. DeskMate also has built-in help, and three separate tutorials to help you get started. Also included is PC-Link℠, an innovative and informative on-line service that helps you maximize the power of your personal computer. With PC-Link and an optional modem, you can chat live with PC owners from

around the country, pose questions to leading software publishers and get fast, direct answers. A modem also lets you take advantage of the Phone Accessory program. No matter where you are within DeskMate, you can quickly look up and automatically dial important phone numbers! The Draw application allows you to cut, copy and paste clip art into text documents as well as flip, rotate and zoom in on your work. Worksheet gives you a simple 99-row by 99-column spreadsheet. With Filer and Form Setup, you can create a personal database to keep track of a home inventory, recipes, an audio or video tape library and other listings. And for the pure fun of it, you can test your skill with the Hangman word game. The DeskMate desktop is fully configurable and allows you to easily run all of the DeskMate applications listed above, plus those from other software publishers that incorporate the DeskMate User Interface (see pages 176-177). And for use in a workgroup, add the DeskMate Workgroup Companion (see below). With DeskMate, home and office productivity is easy!
25-1250 . . . . 99.95

DeskMate Workgroup Companion Puts PCs on Speaking Terms

The DeskMate Workgroup Companion gives individual users the tools they need for personal productivity, and, when interconnected through a Tandy-Link or 3Com workgroup, also gives users the ability to share information throughout the office. Workgroup Companion enhances DeskMate with an alarm function that reminds you of important dates and times. Talk allows you to communicate immediately with other users in the workgroup, while Forum invites comments and helps create action items. Other applications include Mail Bridge, a step-saving mail "transport" system, and Task Switch, which allows TandyLink and other network software to coexist in harmony. The Telephone Central gives you a message center and shared "in/out" board. The only software requirements are a copy of DeskMate (25-1250) at each station. Two computers can be connected using ordinary RS-232 cable. It's also easy to connect workgroups with more than two computers—just add TandyLink boards and connecting cable. DeskMate Workgroup Companion works on 3Com workgroups without any additional equipment.
Workgroup Companion. 25-1251 . . . . **149.95**

TandyLink Board Plus. For Tandy 1000 HX/EX. **26-5602** **119.95**
TandyLink Board PC. For all other Tandy PC-compatibles.
26-5601 . . . . **119.95**
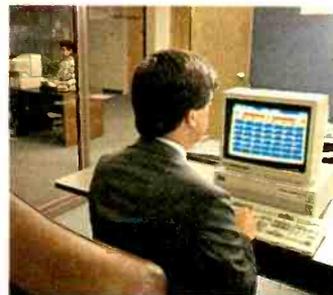
Transfer Memos, Update Schedules . . .

. . . From Office to Office

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Tandy 1000 Upgrade and Expansion Items

Memory Boards and Kits for Greater Power

Memory PLUS Expansion Adapter. Expands your Tandy 1000 EX/HX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K using Memory Kit (25-1079) below. Also provides connectors for the addition of two PLUS Upgrade Boards.
25-1062 .... **149.95**

New! 256K Memory Kit. Adds 256K to Memory PLUS Expansion Adapter (above) or expands Tandy 1000 SX from 384K to 640K. Contains eight 256K x 1 drams. **25-1079** **129.95**

New! 128K Memory Kit. Upgrades Tandy 1000 TX/TL from 640K to 768K and Tandy 1000 SL from 384K to 640K (requires two kits). Contains four 64K x 4 drams.
25-1078 .... **69.95**

Enhance Your System Communications

Low As **99⁹⁵** Low As $15 Per Month ★

See Page 175 for Descriptions

New! 2400-bps Half Card Modem.
25-1037 .... **179.95**

1200-bps PLUS Style Modem.
25-1018 .... **99.95**

1200-bps Half-Card Modem.
25-1013 .... **99.95**

Add 80286 Speed to Your Tandy 1000

Get 80286 Power on a Half-Slot Accelerator Card **399⁹⁵** Low As $20 Per Month ★

286 Express Upgrade Board. Upgrades the original Tandy 1000/1000A/1000 SX to the power of the 80286 microprocessor. Increases performance from 200 to 600 percent. You'll increase productivity in graphics, database searches, windowing and other applications. The 80286 card runs at 7.2 MHz and features 8 Kb of cache memory, an optional 80287 math coprocessor and direct memory access compatibility. Selectable 80286/8088 modes. Original Tandy 1000 requires AXX-7130, $39.95. Special order required. **25-1035** **399.95**

Keyboard Expansion Options

Keyboard Only
119⁹⁵
Low As $15 Per Month ★

Universal Keyboard Adapter. Connect an enhanced 101-key keyboard or IBM PC compatible keyboard to a Tandy 1000/SX/TX. Special order required. **25-1030** **99.95**

101-Key Enhanced Keyboard. Requires 25-1030 for use with Tandy 1000s.
25-4038 .... **119.95**

5' Keyboard Extension Cable. For 1000/1000 SX/TX. **26-1389** .. **14.95**

Tandy 1000 EX/HX PLUS Upgrade Boards

New! PLUS RS-232 Serial Interface. Connects serial devices like a mouse or modem. DB25 F connector. **25-1031** **59.95**

PLUS Network 4 Adapter. Use the Tandy 1000 EX/HX as a low-cost system in an educational network. **25-1019** **299.95**

PLUS Upgrade Adapter Board. Allows you to use PLUS Upgrade Boards in a standard PC card slot. **25-1016** **14.95**

Run MS-DOS and Apple® IIc Software on Your Tandy 1000 With TRACKSTAR 128

399⁹⁵

Low As $20 Per Month ★

TRACKSTAR 128. Now you can run Apple IIc educational and game software on your Tandy 1000 SX or TX computer with the TRACKSTAR 128 adapter. Imagine having the best of both worlds in one computer. Thousands of Tandy 1000s with the TRACK-STAR adapter are used in schools where they provide instructional support on MS-DOS and Apple IIc software. Supports the use of Apple joysticks or game port devices such as Muppet Learning Keys. Installation required (not included). Special order may be required. **25-1028** **399.95**

*Tandy 1000 TX and TL require 5¼" disk drive (not included). Apple and Apple IIc/Reg. TM Apple Computer, Inc. Muppet Learning Keys/TM Henson Associates, Inc. available from Sunburst Communications.

Simplify Cursor Control
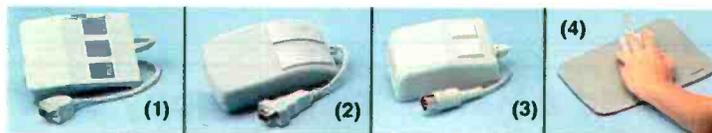
(1) Logitech Serial Mouse.
3 Buttons with DB9F Connector. **26-1199** **99.95**
3 Buttons with DB25M Connector. **26-1200** **99.95**
(2) Tandy Serial Mouse. Microsoft compatible serial mouse plugs into any DB9M serial port. **25-1040** **49.95**
Serial Port Adapter DB25 male to DB9 male. **26-1388** **7.95**
(3) Deluxe Color Mouse. 26-3125 .... **49.95**
(4) New! Mouse Pad. 9³⁄₈ x 7⁷⁄₈" in size. **26-237** **6.95**

Time/Date in a Chip

39⁹⁵ User Installable

SmartWatch. A perpetual clock calendar with battery backup in a chip. Plugs into the BIOS ROM socket of most PCs. For Tandy 1000 HX/SX/TX/SL. User installable in most PCs.
25-1033 .... **39.95**

Joystick Action

29⁹⁵

**Deluxe Joystick.** Gives accurate cursor control, adds excitement to programs. For all Tandy 1000 computers. **26-3012** **29.95**

Handy Reference Guides

Learning BASIC for Tandy 1000. By Dr. David Lien.
25-1500 .... **19.95**
MS-DOS: The Basics, Vol. 1. 25-1506 .... **7.95**
MS-DOS: Advanced Applications, Vol. 2. 25-1507 .... **14.95**
MS-DOS/GW-BASIC Reference Guides. 25-1508 .... **29.95**
Graphics and Sound for the Tandy 1000. 25-1512 .... **7.95**

See Page 71 for more information on books.

Tandy 1000 Monitors, Drives And Accessories

Monochrome and Color Monitors
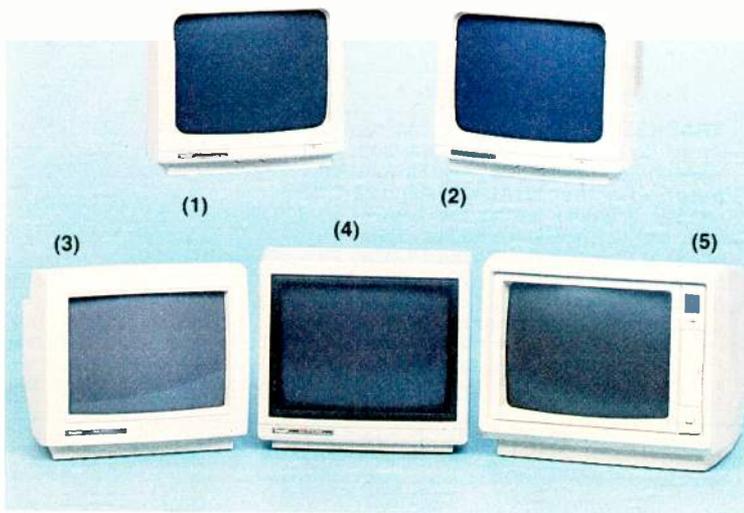
(1) VM-4 Monochrome Monitor. 12″ screen displays 80 × 25 text, 640 × 200 graphics. For 1000 HX. 25-1020 . . . . 129.95

(2) VM-5 High-Resolution Graphics Monochrome Monitor. 12″ screen displays 80 × 25 text, 720 × 350 graphics. For 1000 SL/TL. 25-3011 . . . . 149.95

(3) CM-5 RGBI Color Monitor. 13″ screen displays 80 × 25 text, 320 × 200 graphics. For all Tandy 1000s or Tandy 1400 LT. 25-1043 . . . . 299.95

(4) CM-11 High-Resolution RGBI Color Monitor. 13″ screen displays 80 × 25 text, 640 × 200 graphics. For all Tandy 1000s or Tandy 1400 LT. 25-1024 . . . . 399.95

(5) EGM-1 Enhanced Graphics Monitor. High-resolution monitor (640 × 200 or 640 × 350) displays text and graphics in 16 of 64 colors. Designed for use with software that supports standard EGA graphics. Requires Enhanced Graphics Adapter (25-3048). 25-4035 . . . . 699.00

New! Monitor Extension Cable. 6′ shielded. For VM-5, CM-5, CM-11 and EGM-1 monitors. 26-257 . . . . 14.95

New! EGA High-Resolution Video Adapter

EGA/CGA Graphics Adapter. Get 640 × 350, 16-color enhanced graphics on our EGM-1 monitor or 720 × 350 Hercules graphics on the VM-5 Monochrome Monitor. Includes 256K video memory. For 1000 SX/TX/SL/TL. 25-3048 . . . . 249.95

Add a Hard Disk or Floppy Disk Drive to Your Computer System

20- and 40-MB Hard Disk Cards

NEW FOR 89

Low As **599⁰⁰**

Low As $30 Per Month★

- User-Installable 20- and 40-Megabyte Hard Disk Card
- Adds 20 or 40 Megabytes Storage
- Easiest Way to Add Hard Disk Power
- Mounts in 10″ Card Slot

20-Megabyte Hard Disk Card. For the Tandy 1000, Tandy 3000 HL, IBM PC or PC compatible. Comes with a thorough installation manual and special installation software.
25-1032 . . . . 599.00

40-Megabyte Hard Disk Card. Get 40 megabytes of hard disk storage for your Tandy 1000s/3000/4000 or PC Compatible on a user-installable card. Includes manual and software for easy installation. The easy way to get hard disk power for your computer system. 25-4059 . . . . 799.00

Add an External Hard Disk Drive

699⁰⁰ Low As $40 Per Month★

- Alternative Expansion Option
- Allows Greater Data Storage

20-Megabyte External Hard Disk Drive. (Cable Kit and installation required for secondary unit.) Requires Hard Disk Controller Board (25-1007).
25-1041 . . . . 699.00

Hard Disk Controller Board. For Tandy 1000 SX/SL and original Tandy 1000 only. Allows you to add hard disk drives for up to 40 million characters of storage. Includes cable for use with 10 or 20-megabyte hard disks.
25-1007 . . . . 299.95

3¹/₂″ and 5¹/₄″ External Floppy Drives

Low As **249⁹⁵**

- Expand the Power of Your Computer With an External Drive
- Allows Your Tandy Computer to Store More Information

5¹/₄″ 360K External Disk Drive for Tandy 1000 EX/HX. Adds 360,000 characters of disk storage. Makes backing up diskettes much easier.
25-1060 . . . . 249.95

3¹/₂″ 720K External Disk Drive for 1000 EX/HX. Provides twice the storage of a 5¹/₄″ drive and uses smaller, more durable diskettes. Special features in the Tandy 1000 EX allow you to store programs on this disk drive and load them directly.
25-1061 . . . . 279.95

Internal Floppy Disk Drive Kits

169⁹⁵ Low As $15 Per Month★   Choose 3¹/₂″ or 5¹/₄″ Drives

5¹/₄″ 360K Disk Drive Kit. Mounts internally. Installation recommended (not included). For Tandy 1000 SX/TX/SL/TL. 25-1063 . . . . 169.95

3¹/₂″ 720K Disk Drive Kit. For use with Tandy 1000 HX (installation recommended). Or use in Tandy 1000 SX/TX/SL with Adapter Kit (25-1066, below).
25-1065 . . . . 169.95

3¹/₂″ to 5¹/₄″ Adapter Bracket for 3¹/₂″ Disk Drive Kit. (For use with 25-1065 only.) 25-1066 . . . . 29.95

New! Internal 3¹/₂″ 720K Floppy Disk Drive. For the Tandy 1000 TL.
25-1075 . . . . 169.95

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

Fast-Loading Tandy 1000 HX Computer

Our Lowest Priced PC-Compatible! Easy to Use— Perfect for Home and School

699⁰⁰

Low As $35 Per Month ∗
TSP Available

Monitor, platform and mouse
not included

- **MS-DOS® in ROM—You Can Load Without Diskettes!**
- **Includes Personal DeskMate™ 2 With Seven Applications**
- **Features 8088-2 Microprocessor With Switchable 7.16/4.77 MHz Clock Speed**
- **Built-In 3½" 720K Disk Drive ■ 256K**
- **Software Compatible With the IBM∗ PC— Choose From Thousands of Popular Software Programs**
- **Internally Expandable With PLUS Expansion Boards and Second Disk Drive**

Tandy 1000 HX. An affordable PC with deluxe features! MS-DOS (in ROM) loads automatically in seconds—just insert your program diskette and you're ready! (With conventional PCs, you insert the MS-DOS operating system diskette, wait for it to load and then remove the diskette—all before you load your program diskette.)

It's the ultimate in ease of use for first-time users, the ultimate in time-saving convenience for experienced users!

A high-capacity, 720K 3½" disk drive is built in—and there's room for a second 3½" drive, too. The Tandy 1000 HX is PC compatible so you can use all the popular MS-DOS programs available on 3½" diskettes. And for total flexibility, you can run software on 5¼" diskettes with our optional 5¼" External Disk Drive.

The Tandy 1000 HX is loaded with many features and conveniences that you would normally have to pay extra for. You will be able to plug in joysticks, RGB color monitor, or a printer without buying extra-cost adapters. There's even a 3-voice sound circuit for music generation through the built-in speaker or headphone jack with volume control—a great asset in the home or classroom.

Your first program is included—Personal DeskMate 2 seven-in-one software. Personal DeskMate 2 is an easy to use, integrated program with a 16-color PAINT program which lets you create drawings and designs, and a MUSIC program that lets you enter and play back songs of your choice. TEXT is a word processor for preparing correction-free letters, school papers and reports. WORKSHEET is an electronic spreadsheet that is ideal for keeping a running budget. FILER is a very simple filing system for storing information like mailing lists, birthdays, etc. There is also a COMMUNICATIONS program∗ and a CALENDAR, to remind you of those important dates.
25-1053 . . . . **699.00**
∗Communications require modem. Personal DeskMate 2 requires 80-column monitor. MS-DOS/Reg. TM Microsoft Corp. IBM/Reg. TM IBM Corp.

Popular Tandy 1000 HX Accessories∗

CM-5 Color Monitor. As seen in photo (above). **25-1043** **299.95**
New! Monitor Platform. As seen in photo (above). **26-1329** **19.95**
Memory PLUS Expansion Adapter. For Tandy 1000 HX/EX. Expands your Tandy 1000 HX/EX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K. Also provides connectors for the addition of two PLUS Upgrade Boards. **25-1062** **149.95**
Deluxe Color Mouse. As seen in photo (above). **26-3125** **49.95**
3½" 720K Internal Disk Drive. Installation recommended (not included).
25-1065 . . . . **169.95**
5¼" 360K External Disk Drive. 25-1060 . . . . **249.95**
MS-DOS 3.2 Upgrade. Floppy only (special order required).
25-1170 . . . . **29.95**
The FUNdamentals HX/TX. 25-1186 . . . . **24.95**

Specifications

Microprocessor: 8088-2. **Clock Speed:** 7.16/4.77 MHz, software selectable. **Operating System and Included Software:** Microsoft MS-DOS 2.11 (in ROM), GW-BASIC and Personal DeskMate 2. **Memory:** 256K RAM (expandable to 640K). Includes 128K ROM and 256 bits EEPROM with MS-DOS resident, BIOS, Diagnostics, System Configuration and User Interface. **On Board Video Support:** Text: 80 or 40 characters per line by 25 lines. **Graphics:** CGA compatible with enhancements; 640 × 200 pixels, 4 color; 320 × 200 pixels, 16 color. **Disk Drives:** One, double-sided, double-density 3.5" 720K (formatted) floppy disk drive. **Keyboard:** Integral 90-key sculptured keypad. Twelve programmable Function keys. **Internal Expansion:** Second 3.5 720K disk drive. One "PLUS" style expansion board or two "PLUS" style expansion boards when used with Memory PLUS Expansion Adapter (25-1062). Clock/Calendar (25-1033). **External Connectors:** 5¼" 360K or 3½" 720K external drive, parallel port, composite video out, ⅛" headphone jack with volume control, two joysticks, RGBI Color Monitor. AC outlet. **Dimensions:** 3¼ × 17 × 14½". **Shipping Weight:** 19 lbs. **Power:** Input: 120 VAC, 50/60 Hz. Output: 25 watts. UL listed. **Certification:** FCC Class B.

Now Both MS-DOS® and DeskMate® are Built In!
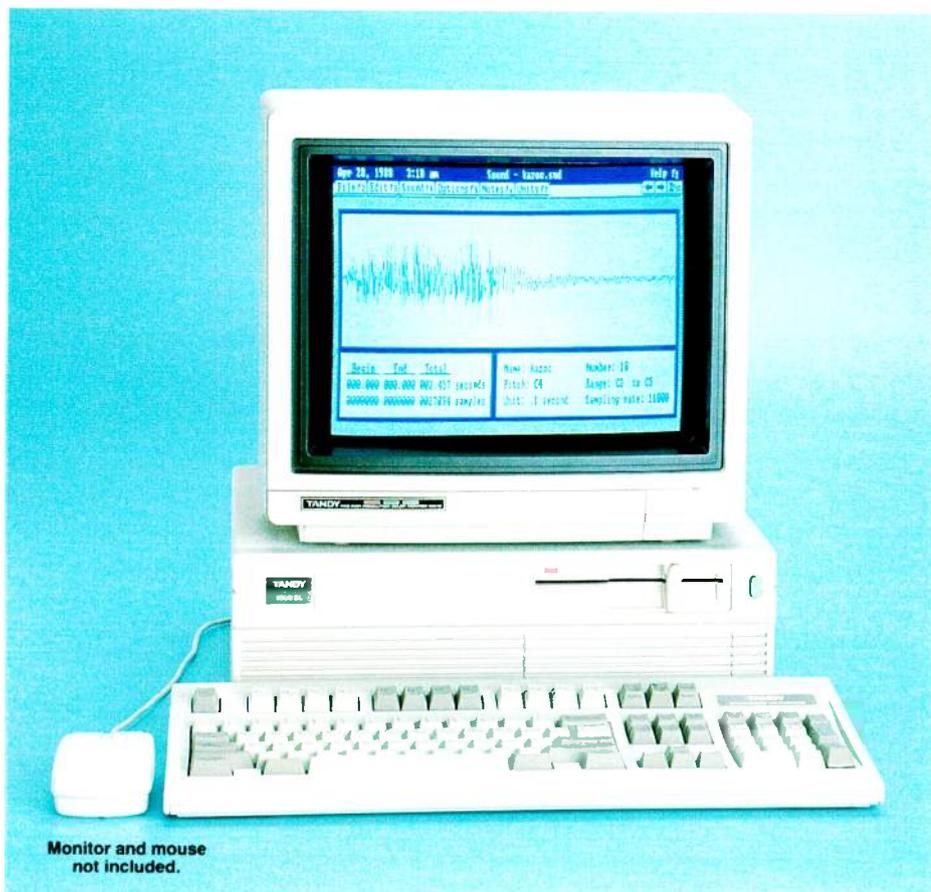
Tandy 1000 SL Includes Programs in ROM, Plus Enhanced Video and Sound

Monitor and mouse not included.

NEW FOR 89

899⁰⁰

Low As $45 Per Month *

Tandy Service Plan Available

- Fast 8086 Processor (8/4 MHz Clock Speed)
- MS-DOS and DeskMate Built Into ROM—Loads Without Diskettes
- Designed for Maximum Ease of Use—Never Deal with Cryptic MS-DOS "A〉" Prompts
- One Built-In 5¼" 360K Disk Drive
- Software Compatible with the IBM PC—Choose From Thousands of Programs
- Enhanced Sound and Speech Capabilities Allow You to Record and Listen to Voice or Music
- Enhanced 101-Key Keyboard ■ 384K RAM

Tandy 1000 SL. A new ergonomic design for 1989! With an 8086 microprocessor the Tandy 1000 SL lets you run virtually all of your industry-standard MS-DOS software much faster. And with MS-DOS 3.3 and DeskMate built into ROM, you'll be up and running in seconds! The Tandy 1000 SL even "remembers" your system configuration—number of drives, type of monitor, etc.—each time you turn it on.

DeskMate features ten popular applications that will let you write letters, prepare budgets, simply file information away for later use or draw colorful pictures. There's also a spell checker, address book, Hangman word game and PC-Link™ on-line service. As an added bonus with the Tandy 1000 SL, you will be able to compose and play back songs—and by using Deskmate's sound editor with an optional microphone (33-1060), you will be able to record and edit music, voice or other sound effects onto your 5¼" diskettes, then play them back at your convenience. It's almost like having an audible notepad. And with the built-in headphone jack with volume control, you will not disturb others with your recordings. (Refer to page 178 for more information on DeskMate.)

The built-in video supports monochrome text, Hercules* monochrome graphics and CGA color graphics with enhancements. The Tandy 1000 SL comes with an enhanced 101-key keyboard, 384K RAM (expandable to 640K), a 5¼" 360K disk drive and five user-accessible expansion slots. Add a second internal disk drive (5¼" or 3½")—it's easy to expand with the Tandy 1000 SL. Finally, the options you'd expect to pay extra for are also included: an RS-232 serial port, parallel printer adapter, two joystick adapters, a color and monochrome graphics adapter, and MS-DOS 3.3/ GW-BASIC software. The Tandy 1000 SL is a full-featured personal computer that's right for your family or the classroom, and easy on your budget, too. 25-1401 . . . . **899.00**

Popular 1000 SL Accessories*

CM-11 High-Resolution RGBI Color Monitor. As seen in photo.
25-1024 . . . . **399.95**
Tandy Serial Mouse. As seen in photo. Perfect for use with DeskMate.
25-1040 . . . . **49.95**
5¼" Floppy Disk Drive Kit. Mounts internally. Installation recommended (not included). 25-1063 . . . . **169.95**
20-Megabyte Hard Disk Card. 25-1032 . . . . **599.00**
SmartWatch. Installation recommended (not included). 25-1033 . . . **39.95**

See Pages 179 and 180 for Other Accessories.

Specifications

Microprocessor: 8086 Optional 8087 Math Coprocessor **Clock Speed:** 8/4 MHz (Software Selectable) **Included Software:** Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate **Memory:** 384K RAM (expandable to 640K using 8 64K × 4 drams) EMS memory available through optional expansion boards. Includes 512k ROM and 1024 bits EEPROM for system configuration **On Board Video Support:** Text MDA or CGA compatible. 80 or 40 characters per line by 25 lines Graphics Hercules (720 × 348 pixels) CGA compatible with enhancements (640 × 200 pixels, 16-color and 4-color 320 × 200 pixels, 16-color) **Display Options:** Monochrome High resolution monitor (VM-5 green) Color 14" RGB Color Monitor (CM-5 or CM-11) **Sound:** Built-in 8 bit bi-directional DAC for sound and speech generation including internal speaker, ⅛" external stereo headphone jack with volume control and ⅛" microphone input jack **Disk Drives:** One double-sided, double density 5.25" 360K floppy disk drive Expandable to support second floppy drive (5.25" or 3.5") and 1 hard disk card **Keyboard:** 101-key Enhanced keyboard with tactile feedback **Internal Expansion Slots:** 5-10" IBM PC Bus compatible (8-bit) card slots User accessible **External Connectors:** Parallel Printer Port, RS-232 Serial Port (9-pin male), 2 joystick ports, ⅛" Mic in and ⅛" stereo headphone out **Internal Clock:** Optional SmartWatch (25-1033) **Dimensions** (H × W × D) 5.1 × 15.5 × 13.1" **Weight** (Shipping) 33 lbs **Power Supply:** Input 120VAC 50/60 Hz Output 67 Watts UL listed **Certification:** FCC Class B

IBM/Reg. TM IBM Corp DeskMate Plus/TM Tandy Corp

Radio Shack®

CELLULAR TELEPHONES

TANDYFAX 1000

THE TECHNOLOGY STORE