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

 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!

1299.00

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 Poll Transmissions
Ideal for Small Businesses, Departments and Branches of Large Businesses

Specifications

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

The Technology Store

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 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.

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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

- One-Piece Design Fits Easily in Your Briefcase—Only 1 1/2" Wide and Weighs Just 28 Ounces
- You Can Talk for Up to 1 1/2 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 1 1/2 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

Charging Stand

Mobile Mounting Kit

Handsfree Interface

Make Calls from Job Sites

Stay in Touch Between Flights

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

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

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 portable computer. Requires 17-602, 17-601 .............................. 69.95

*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

999.00

Low As $50 Per Month

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 632 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

Handsfree Interface

69.95

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

Let's 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

199.95

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

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

799.00

Low As $40 Per Month*

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 Handsel

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 can get 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, and receive important messages from home, clients, and customers. This includes the new expanded 832 channel capacity now being used in some cities. The CT-101 is a full-featured, full-power mobile phone you can install yourself. It has a backlit 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

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

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

NEW FOR $89 259.95
Low As $15 Per Month

Receives National and International Weather Service Broadcasts

Accessories for Your MTX-120 Transceiver

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 two-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. 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. 8½ x 2¼ x 1½", 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

229.95 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

Accessories for MTX-100

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
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

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

Low As $65 Per Month*

TSP Available

5 1/2" High
4 1/4" Wide 7 3/4" Deep

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

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


1299.00

16-851

1299.00

89.95

69.95

15-2002

79.95

49.95

4.95

8 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

1299.00

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.

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


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

$399.95

NEW FOR $99

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 x 17½ x 13½". UL listed AC. Remote requires 2 "AAA" batteries. 16-513

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

$349.95

NEW FOR $99

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 x 16¾ x 12½". UL listed AC. Remote requires 2 "AAA" batteries. 16-510

Value-Packed With HQ System And Quick-Timer Recording

$269.95

NEW FOR $99

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 multifunction infrared remote. 3½ x 15¼ x 13¼". UL listed AC. Remote requires 2 "AA" batteries. 16-514

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

$199.95

NEW FOR $99

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/shuttle or rewind/replay, forward/reverse picture search, and carrying handle. RF cable for hookup to any TV. Also has audio/video outputs. 4¾ x 11¾ x 13¾". UL listed AC or 12 VDC neg. gnd. 16-403
VCRs Featuring Amazing Special Effects

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

NEW FOR 89

499.95

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. 3¼ × 17¾ × 13¼". 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

499.95

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. 3½ × 17½ × 13½". 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

399.95

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. 3½ × 17½ × 13½". 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

599.95

Low As $30 Per Month

TSP Available

- 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

Save $69.85
Reg. Separate Items 699.85
SYSTEM 630.00
- 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 17½". UL listed AC. Remote requires 2 "AAA" batteries. 16-614

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

NEW FOR 89

449.95

Low As $23 Per Month

TSP Available

- 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

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 16¼ x 12½". UL listed AC. Remote requires 2 "AAA" batteries. 16-704

Desert Vision

24.95

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

Spatial Overture

19.95

NEW FOR 89

VHS Hi-Fi Stereo

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

Voyage to the Planets

24.95

NEW FOR 89

VHS Hi-Fi Stereo

A fantastic musical video voyage through the solar system. 56-3010

Prices apply at participating Radio Shack stores and dealers. TM Dolby Laboratories Licensing Corp.
AM/FM/TV Audio/Video Stereo Receiver

599.95 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 switchboxes, 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/AM 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.

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.

Save $190 70
Reg. Separate Items 1889.70
SYSTEM 1699.00 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

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

Save $27050
Reg. Separate Items 2709.50
SYSTEM 2439.00 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

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 84 dB phon, 88 dB CD/Aux. Sensitivity for Rated Power: 2.5 mV phon, 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, 1/4" headphone. Size: 4 1/4 x 16 1/2 x 12 1/2".
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

499.95
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

REALISTIC® STA-2700 AM/FM Stereo Receiver
Two Optimus®-900 3-Way Speaker Systems
LAB-2200 Turntable
SCT-83 Cassette
10-Band EQ With Spectrum Display

Low As $43 Per Month •

SPECIFICATIONS
**High-Power Digital-Synthesized Receiver**

**NEW FOR $89**

**399.95**

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.

**SPECIFICATIONS**

Great Values in Stereo Receivers and Systems

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

349.95

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 x 16¾ x 11¾".

Realistic STA-2150 AM/FM Stereo Receiver With One-Touch Search Tuning System

Save $90.75

Reg. Separate Items 849.75

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 $120.70

Reg. Separate Items 1209.70

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

279.95

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): 2.9 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 x 16¾ x 9¾".

Save $80.75

Reg. Separate Items 759.75

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 $110.70

Reg. Separate Items 1069.70

Low As $48 Per Month •

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

ALL REALISTIC TURNTABLES INCLUDE BASE, DUST COVER AND CARTRIDGE / SYSTEMS DO NOT INCLUDE RECORDINGS
**All Featuring Digital-Synthesized Tuning**

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

**199.95**

- **NEW FOR 89**
- 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.

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

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

**159.95**

- **NEW FOR 89**
- 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.

**30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% 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 1/4” jacks for adding headphones and a stereo tape player. Walnut vinyl-over-metal case. UL listed AC. 31-1975

**Budget Stereo Components and Systems**

**Personal-Size AM/FM Stereo Receiver**

**129.95**

- 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


**Save $30**

**Realistic STA-19 Receiver**

**Reg. Separate Items 279.80**

**SYSTEM**

**249.00**

Low As $15 Per Month

**Save $34**

**Realistic STA-19 Receiver**

**Reg. Separate Items 359.75**

**SYSTEM**

**325.00**

Low As $16 Per Month

**Space-Saving Stereo Mini Amplifier**

**59.95**

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. 2 1/2 x 9 x 6". UL listed AC. 31-1955

**Our Matching AM/FM Stereo Mini Tuner**

**59.95**

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. 2 1/2 x 9 x 6". UL listed AC. 31-1956

**Stereo Micro Amp**

**29.95**

Realistic SA-10. Space-saver! Inputs for ceramic phono, tuner or tape deck. Stereo/mono button and tone control. And it’s only 3 1/2 x 7 3/8 x 5 1/2". UL listed AC. 31-1982

**Save $12**

**Realistic SA-150 Mini Stereo Amplifier**

**Reg. Separate Items 147.80**

**SYSTEM**

**135.00**

Low As $15 Per Month

**Save $30**

**Realistic TM-150 AM/FM Stereo Tuner**

**Reg. Separate Items 257.75**

**SYSTEM**

**229.00**

Low As $15 Per Month

**Save $28**

**Realistic TM-150 AM/FM Tuner**

**Reg. Separate Items 257.75**

**SYSTEM**

**229.00**

Low As $15 Per Month
High-Performance Realistic Turntables

Computer-Controlled Direct-Drive

Includes Realistic/Audio-Technica Dual-Magnet Cartridge

- 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 1/2 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, 33 1/3 and 45-RPM speeds. Rumble: -62 dB. Wow and flutter: less than 0.06%. Includes 45-RPM adapter. 4 x 13 1/2 x 13 3/4". UL listed AC. 42-2916

149 95

Low As $15

Per Month+

TSP Available

Direct-Drive Turntable With Light-Tracking Tonearm and Strobe

Includes Realistic/Shure Moving-Magnet Cartridge

- 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. 33 1/3 or 45-RPM selector, adjustable antiskate control and rubber mat. Rumble: -65 dB. Wow and flutter: less than 0.05%. With 45-RPM adapter. 4 1/2 x 14 1/16 x 14 5/16". UL listed AC. 42-2918

129 95

Low As $15

Per Month+

TSP Available

Belt-Drive Turntable With Preamp

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 33 1/3 and 45-RPM. Rumble: -55 dB. Wow and flutter: less than 0.1%. With 45-RPM adapter. 3 1/2 x 13 1/2 x 12 3/4". UL listed AC. 42-2917

89 95

TSP Available

Automatic Changer With Preamp

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 33 1/3 or 45-RPM speeds. Built-in 45-RPM adapter. 5 5/8 x 15 x 13 1/4". UL listed AC. 42-2986

89 95

TSP Available

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
359.95
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
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.

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.

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: 3¾ x 16¾ x 13½".

Enjoy Exciting Digital Stereo Music Anywhere With Our CD Portable

NEW FOR $89
219.95
TSP Available

- 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 6½ x 5½ x 1½"


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


(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

Prices apply at participating Radio Shack stores and dealers.
The Ultimate in Audio Entertainment

Remote-Control CD Player Featuring “Music Calendar” Display

NEW FOR 89

249.95

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

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: 21\(\frac{5}{16}\)\times 14\(\frac{3}{16}\)\times 11\(\frac{7}{16}\)".

Our Lowest Priced Compact Disc Player With Wireless Remote

NEW FOR 89

229.95

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

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\(\frac{1}{8}\)\times 11\(\frac{13}{16}\)\times 9\(\frac{7}{16}\)".

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

NEW FOR 89

199.95

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

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: 3\(\frac{1}{8}\)\times 13\(\frac{3}{16}\)\times 9\(\frac{7}{16}\)".

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

**219.95**

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

*TM DOLBY LABORATORIES LICENSING CORP.*

**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°/c WRMS  
- S/N: 70 dB Dolby C, 62 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape)  
- Distortion: 1.3% 3rd HD

**Features:**  
- Metal-CrO₂/normal bias selector  
- 3 1/8" x 8 1/4" x 5 5/8" UL listed AC. 14-647

---

## Lowest Priced Cassette With Dolby

**89.95**

TSP Available  
Separate Record Level Controls

**Response:**  
- ± 3 db: 30-17,000 Hz (metal), 30-16,000 Hz (CrO₂/Hi-Bias), 30-15,000 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

**Features:**  
- Metal-CrO₂/normal bias selector  
- 3 1/8" x 8 1/4" x 5 5/8" UL listed AC. 14-647

---

## Auto-Reverse Playback Deck

**99.95**

New For 89.95  
Available Oct. 30, 1988  
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. 3 1/8" x 8 1/4" x 5 5/8" UL listed AC. 14-647

**Ideal for Background Music**

**Compact Cassette Playback Deck**

**49.95**

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. 3 1/8" x 8 1/4" x 5 5/8" UL listed AC. 14-647

**Ideal for Tight Spaces**

---

## Stereo Tape Control Center

**24.95**

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. 2 1/4" x 6 1/4" x 4 1/2" 42-2115 . . . . . . . . . . 24.95

**Stereo 8-Track Tape Playback Deck**

**49.95**

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 x 10 x 7" UL listed AC. 14-935

---

## Ten-Band EQ With Spectrum Display

**129.95**

TSP Available  
Low As $15 Per Month*  
129.95

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. 2 1/8" x 16 1/2" x 8 1/2" UL listed AC. 31-2020

**Ten-Band EQ With IMX Stereo Expander**

**79.95**

TSP Available  
79.95

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. 2 1/8" x 16 1/2" x 8 1/2" UL listed AC. 31-2018
Stereo Dubbing Dual-Cassette Decks

Logic-Controlled High-Speed Door With Auto-Reverse

**NEW**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Per Month*</th>
<th>TSP Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>89</td>
<td>259.95</td>
<td>815</td>
<td></td>
</tr>
</tbody>
</table>

- 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

Hi-Speed Dual Deck with Dolby B-C

**179.95**

- 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

Hi-Speed Dual Deck With Dolby B NR

**149.95**

- Soft-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 noise reduction also 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

Value-Priced Dual Deck With Dolby NR

**129.95**

- 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

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

259.95 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


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

199.95 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: 31½x16 x 17¾ x 11½".
Full-Range Optimus® 3-Way Speakers

Bass-Reflex 3-Way System

159.95 Each
Low As $15 Per Month*

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

Value-Priced 3-Way System

119.95 Each
Low As $15 Per Month*

- Efficient 10" Woofer Pumps Out Deep Bass
- 4" Midrange Driver
- Liquid-Cooled 2 1/2" Cone Tweeter
- Removable Cloth Grille
- Genuine Walnut Finish


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


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.

Deluxe Speaker Stands

NEW FOR 89
34.95 Pair
Better Sound From Any Speaker

Hickory-Grained Cabinet

119.95
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. 37 1/2 x 21 1/4 x 17 1/4".

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimus-7W</td>
<td>$49.95</td>
<td>8&quot; high, delivers excellent bass and high frequencies. Perfect for surround sound.</td>
</tr>
<tr>
<td>Minimus-7</td>
<td>$49.95</td>
<td>Same features as Minimus-7W, in metal enclosure. Hanger slot for wall mounting.</td>
</tr>
</tbody>
</table>

### Bass-Reflex 2-Way Speaker System

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
</table>

### Acoustic Suspension 2-Way System

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-1800</td>
<td>$59.95</td>
<td>Value-priced system suitable for main speakers or extensions. Extended bass.</td>
</tr>
</tbody>
</table>

### Bookshelf-Sized 2-Way System

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-800</td>
<td>$44.95</td>
<td>Smooth, full-range response. Small for placement on shelves.</td>
</tr>
</tbody>
</table>

### Compact 2-Way Walnut Veneer System

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimus-25</td>
<td>$34.95</td>
<td>Sealed enclosure system delivering bass with a &quot;punch.&quot;</td>
</tr>
</tbody>
</table>

### Super-Tweeters

<table>
<thead>
<tr>
<th>Type</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piezo</td>
<td>$12.95</td>
<td>Burnout-proof tweeter. No crossover needed.</td>
</tr>
<tr>
<td>Dynamic</td>
<td>$21.95</td>
<td>Extends response to an amazing 40,000 Hz.</td>
</tr>
</tbody>
</table>

**Nominal Impedance of All Realistic Speaker Systems is 8 Ohms**
Our Big-Sounding Minimus® Speakers

High-Power Amplified Speaker

79.95 Each

- 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 7/4 x 4 9/16 x 4 1/16” UL listed AC.

40-1262 79.95

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

NEW FOR 89

2-Piece System

99.95

- Perfect for Use With Your Video System
- Built-In 5-Band Graphic Frequency Equalizer for Custom Sound
- 5” Woofers and 1 1/4” 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 1 1/4” tweeter: Features rotary volume and balance controls, two phono input jacks. 14 x 8 x 6 1/2” UL listed AC.

40-1264 99.95

Amplified Mini-Speakers For Personal Stereos

49.95 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 2 1/2” speakers with a 150-15,000 Hz response. 5 3/8 x 3 3/4 x 3 1/4” Require 8 “C” batteries.

40-1259 49.95

Mini System Ideal for Home or Automobile

21.95 Each

- 3” Speaker
- 5 3/4” High


Mounting Brackets. 40-1997 Pair 10.95

Minimus Extension Speakers

19.95 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. 9 7/8 x 5 5/8 x 4 3/4” 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 x 8 1/2 x 5 1/4”. 40-913 14.95

(3) Realistic Minimus-0.3. Cube speaker with 3” full-range driver. Walnut veneer. 7 watts. 4 x 4 x 3 3/4”. 40-1250 13.95

(4) Realistic Minimus-2.5. Ideal extension speaker for TV. 4” driver. Walnut vinyl veneer. 10 watts. 6 3/4 x 4 3/4 x 4 1/8”. 40-1999 17.95

RADIO SHACK—68 YEARS OF VALUE. SERVICE AND RELIABILITY IN ELECTRONICS
Our Complete Home Stereo Rack Systems

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

799.95

- 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 continuous-play for uninterrupted 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 14½ x 13¾”. 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.

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

649.95

- 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 turntable 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 14½ x 13¾”. 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.
Dual-Cassette Stereo Rack Systems

AM/FM Phono With High-Speed Dubbing

29995

- 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

Realistic System 200. All the popular features and components in a budget-priced package! Amplifier 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 6-1/2" drivers in 28-1/2"-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. 30-1/4 x 17-1/4 x 13-3/8". UL listed AC. 13-1229

Value-Priced AM/FM Phono System

21995

- 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

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 27-1/2"-high enclosures. Built-in antennas and terminals for 75 or 300-ohm external FM antenna. Rack has easy-rolling casters. 29-1/8 x 16-1/16 x 13-3/8". UL listed AC. 13-1228

Dual-Cassette AM/FM Stereo Phono System

19995

- 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

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 33-1/2 and 45-RPM discs. 5-1/4 x 16-1/16 x 14-3/4". LED mode indicators. Matching speakers have 5" drivers in 17"-high enclosures. UL listed AC. 13-1226

Systems on this page feature walnut vinyl finish, 1/4" headphone jacks, 1/4" external-mike jacks and 33-1/2/45-RPM turntables.
Realistic® Professional-Quality Keyboards

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

169.95
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 syncro buttons for "custom" drum patterns, built-in speaker, output jack for recording, headphones or amplification, adjustable pitch, auto-shutoff.

169.95
Low As $15 Per Month
TSP Available

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

149.95
Low As $15 Per Month
Available Sept. 30, 1988
TSP Available

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


89.95
NEW LOW PRICE!
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.
Music Accessories and Light Displays

Electronic Melody Maker With 100-Note Memory

39.95

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


Quartz-Precision Guitar Tuner

Now You Can Tune Even In Noisy Surroundings

27.95

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. 1 1/4 x 2 1/8 x 5 1/4". Requires 9V battery. 63-670

27.95

Psycholite® Show

13.95

Hours of Colorful Entertainment

Throws a kaleidoscope of colors on walls, ceiling and floor as it rotates. 6 1/2" high. UL listed AC. 42-3018

13.95

High-Intensity Strobe

34.95

Fascinating! Wide-angle strobe with variable flash "freezes" motion. Walnut vinyl finish. 7 9/16 x 7 9/16 x 4 3/4". UL listed AC. 42-3009

34.95

Three-Color Traffic Light Display

35.95

Add flash to your dance! Random color switching. Faceted reflectors intensify effect. 17 x 6 x 5 1/4". UL listed AC. 42-3026

35.95

Revolving Red Light

31.95

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

Illuma-Storm High-Energy Light Display

Was $149.95 in 1988 Catalog

NEW LOW PRICE!

119.95

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

*Revolving Credit Available
See Page 3
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.

**Acoustic Lens Tweeter**

- **1295**
- Detailed Highs to 25,000 Hz


**Hi-Output Piezo Tweeters**

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

<table>
<thead>
<tr>
<th>Fig</th>
<th>Type</th>
<th>Cap in W</th>
<th>Eff Range (kHz)</th>
<th>SPL 1W/1M (dB)</th>
<th>Mag Wt (Oz)</th>
<th>Cat No</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2 x 6&quot; Horn</td>
<td>75</td>
<td>5-25</td>
<td>94</td>
<td>3 oz</td>
<td>40-1389</td>
<td>12.95</td>
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<tr>
<td>2</td>
<td>3¾&quot; w/Dome 2&quot; for Home/Car</td>
<td>75</td>
<td>5-25</td>
<td>93</td>
<td>2.8 oz</td>
<td>40-1381</td>
<td>4.95</td>
</tr>
</tbody>
</table>

**Dynamic Tweeters**

- **995 Radial Horn**
- **1595 Horn**

Wide, controlled dispersion. 8 ohms.

**Mylar Dome Tweeter**

- **1495**
- Detailed Stereo Imaging

Mylar Dome Tweeter delivers detailed stereo imaging with an extended range. This 1" tweeter reacts quickly to input for excellent transient response. 8 ohms.

**Efficient Piezo Tweeters**

These tweeters use a ceramic driver element for high efficiency.

**Midrange Speakers**

- **1095**
- **1995**

(1) Dynamic 3" Midrange/Tweeter. Response: 700-20,000 Hz. 30 watts. SPL: 89 db (1W/1M). Magnet: 3 oz. 8 ohms.

(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.

**Dynamic Cone Drivers**

- **1995**

(1) 1¾" Tweeter
- **1395**

Liquid-Cooled 4" Midrange

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

**Universal Crossovers**

- **795** Two Way
- **1495** Three Way

Two Way. 2000 Hz, 2500 Hz or 4000 Hz. Six dB/octave. 100 watts.

Three Way. 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Six dB/octave. 100 watts.

**Mono L-Pad Controls**

- **995**

75-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.

- **595**

25-Watt Peak

**Stereo L-Pad Controls**

- **1595**

75-Watt Peak

Control the volume of two 8-ohm speakers from any convenient location. Easy to install by yourself in most standard electrical wallboxes.

- **995**

25-Watt Peak

**Wall Brackets**

- **339** Pair

Each supports up to 50 lbs. With hardware for mounting of two speakers.

**Fiberglass Insulation**

- **319**

Easy to install. One square yard. 42-1082

**Fuse Holder**

- **189**

Provides low-cost overload protection for your speakers.

VISIT YOUR NEARBY RADIO SHACK STORE FOR ASSISTANCE IN SELECTING THE RIGHT REPLACEMENT SPEAKER
Speakers and Custom System Accessories

**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

**Speaker Wall Jacks**

- **395**
- 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

**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**

- **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

**Wide-Range Speakers**

- **Low As 199**
- Popular for All Kinds of New or Replacement Use
- 8 Ohms

<table>
<thead>
<tr>
<th>Size</th>
<th>Cap. in W</th>
<th>Magnet Wt. (Oz.)</th>
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<td>3&quot;</td>
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<td>2 1/4&quot;</td>
<td>0.5</td>
<td>0.4</td>
<td>40-246</td>
<td>2.19</td>
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<td>2&quot;</td>
<td>0.5</td>
<td>0.4</td>
<td>40-245</td>
<td>1.99</td>
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**Foam Speaker Grille**

- **695 Each**
- Acoustically Transparent
- Trim for custom fit. With fasteners. 17 x 23 1/2 x 3/4". With foam speaker grille. 17 x 23 1/2 x 3/4". With foam speaker grille cloth. 17 x 23 1/2 x 3/4". 16.95

**Wide-Range 6" Speakers**

- **Low As 595**
- For new/replacement use. 8 ohms.

<table>
<thead>
<tr>
<th>Size</th>
<th>Cap. in W</th>
<th>Eff Range (Hz)</th>
<th>F0 (Hz)</th>
<th>Q5</th>
<th>VAS (in.)</th>
<th>SPL 1W/1M (dB)</th>
<th>Mag Wt. (Oz.)</th>
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<tr>
<td>8&quot; w/Whizzer</td>
<td>20</td>
<td>55-12K</td>
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<td>8&quot;</td>
<td>5</td>
<td>90-12K</td>
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**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) | F0 (Hz) | Q5 | VAS (in.) | SPL 1W/1M (dB) | Mag Wt. (Oz.) | Cat. No. | Each |
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<td>55</td>
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<td>23</td>
<td>84</td>
<td>8</td>
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**Polypropylene 6 1/2" Woofer**

- **1695**
- Superb choice for bookshelf-size systems. 8 ohms. 40-1011 16.95

**Foam-Surround 8" Woofers**

- **Low As 2295**
- Deliver smooth and solid bass response. 8 ohms.

<table>
<thead>
<tr>
<th>Cone</th>
<th>Cap. in W</th>
<th>Eff Range (Hz)</th>
<th>F0 (Hz)</th>
<th>Q5</th>
<th>SPL 1W/1M (dB)</th>
<th>Mag Wt. (Oz.)</th>
<th>Cat. No.</th>
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<td>Paper</td>
<td>50</td>
<td>45-2500</td>
<td>50</td>
<td>91</td>
<td>40-1016</td>
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<td>Poly</td>
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<td>40-3000</td>
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<td>89</td>
<td>10</td>
<td>24.95</td>
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<td></td>
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</tbody>
</table>

**Foam-Surround 10" Woofer**

- **2795**
- Long-throw cone excursion for solid bass. Coded terminals. 8 ohms. 40-1331 27.95

**Polypropylene 15" Woofer**

- **4995**
- Bass you can feel. Burnout resistant. 8 ohms. 40-1301 49.95

**15" Instrument Speaker**

- **4795**
- A popular choice of demanding musicians. Designed for heavy-duty use. 8 ohms. 40-1319 47.95

See Page 50 for our selection of replacement autosound speakers.
**Hi-Performance Phono Cartridges and Stylis**

**V15 Type RS—The Ultimate in Analog Stereo**
- 5-30,000 Hz Frequency Response
- Precision High-Frequency Tracking

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

---

### Diamond Stylus for Realistic/Shure Phono Cartridges

<table>
<thead>
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<th>Model</th>
<th>Price</th>
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<tr>
<td>R8X</td>
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<tr>
<td>RS3P</td>
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<tr>
<td>R5X</td>
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</tr>
<tr>
<td>R3X</td>
<td>14.95</td>
</tr>
</tbody>
</table>

**Diamond Conical**
Tracks 1-1.5 grams. 15-20,000 Hz. 42-2775 ............ 19.95

**Diamond Elliptical**
Tracks 1.25-1.75 gr. P-mount. 42-2790 ............ 29.95

**Diamond Elliptical Stylus**
Fits Audio Technica AT70/71/71E. 42-2774 ............ 10.95

**Diamond Elliptical Styli for Realistic/Shure Phono Cartridges**
- R25XT: Like R25XT, plus lighter 1.75-2.25 gr. tracking force. 20 dB sep. 42-2778 ............ 25.95
- R3X: Replacement stylus for R25, Shure M71 and M75ECS series cartridges. 42-2780 ............ 14.95

---

### Values in Diamond Replacement Stylis

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<th>Model</th>
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<td>R500E</td>
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<td>Money-Saver</td>
<td>10.95</td>
</tr>
<tr>
<td>RSK8C</td>
<td>10.95</td>
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</tbody>
</table>

**Diamond Elliptical**
Tracks at 1-1.5 grams. For RX1500, Audio-Technica AT-102P, 102, 112 and 122EP cartridges. 42-2777 ............ 19.95

**Diamond Conical**
For ADC, OL, M34 MK III, P32, and KSE. 42-2759 ............ 19.95

**Diamond Elliptical**
Tracks at 3.25 to 4 gr. 42-2774 ............ 10.95

**Diamond Elliptical**
For Pickering V15/AT-1/2, KLH, similar types. 42-2484 ............ 11.95

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### Electro-Voice Needles

<table>
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<tr>
<th>Model</th>
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<tr>
<td>Sapphire Kiddie Needles</td>
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</tbody>
</table>

Low-cost replacements for Radio Shack and other brands of young-sters' manual phono. 42-2750 ............ 2.29

---

*All Stereo Phono Cartridges on this page are of Moving-Magnet Design*
## Radio Shack—Your Best Cable Connection

### Gold-Plated Patch Cables

Our Finest Audio Cables

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini Y-Adapters</td>
<td>42-2351</td>
<td>3.29</td>
</tr>
<tr>
<td>Mini Y-Adapters</td>
<td>42-2352</td>
<td>4.19</td>
</tr>
<tr>
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### Patch Cables

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### Audio Cable Set

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### Patch Cords

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</table>

### Patch Extension

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### FM Antenna

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### Stereo Y-Adapter

<table>
<thead>
<tr>
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### DIN Cord

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### Mini Y-Adapters

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### Assorted Y-Adapters

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<tr>
<td>Shielded Cable</td>
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</tbody>
</table>

### Mike Cable and Y-Adapter

<table>
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### Guitar Cords

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### Pin-Connector Speaker Cables

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### Plug-to-Lug Cables

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### Lug-to-Lug Cables

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### 1/8" Plug-to-Lug Cable

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### 24-Ft. Speaker Cables

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### Phono Plug Cables

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</tr>
</tbody>
</table>

### SEE PAGES 128 AND 129 FOR ADDITIONAL ADAPTERS AND CONNECTORS
## Electronic Stereo Reverb System

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

**Add Dimension to Your Stereo System**

Features adjustable mic mixing input for great sing-along effects, depth and delay controls and reverb record and tape monitor buttons. Reverb expander enhances spacial effect. ¼" jack, power-on LED. 17½ x 8½ x 5¾". Simulated woodgrain. UL listed AC. 42-2108

### Compact Disc Cleaner

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

**Protect Your CD Collection**

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

### Compact Disc Tote Bag

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

**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

### Magnetic Cartridge Stereo Preamp

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

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

### Replacement Compact Disc Jewel Boxes

**2<sup>99</sup>**

**Package of Two**

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

### CD Storage Rack

**5<sup>95</sup>**

**Holds 10 CDs**

Vertical storage. Durable molded construction. 42-215

### Magnetic Cartridge Stereo Preamp

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

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

### Budget Hydro-Stor

**4<sup>95</sup>**

Anti-Static

Protects Records

Over a million carbon fibers clean records. 42-101

### Deluxe Hydro-Stor

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

Cuts Static And Cleans

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

### LP Spray Cleaner

**1<sup>89</sup>**

With Cloth

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

### Album Sleeves

**2<sup>69</sup>**

Pack of 10

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

---

**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

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

TSP Available

119.95
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

69.95
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

27.95

- 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

39.95

- 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. 2 1/2 x 63/8 x 43/4”. Requires 6 “AA” batteries. 32-1110 39.95

AC Adapter. UL listed. 273-1455 7.95

RADIO SHACK—FAMOUS FOR QUALITY AND VALUE SINCE 1921
# Realistic® Headphones for Dramatic Stereo

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO-60</td>
<td>49.95</td>
</tr>
<tr>
<td>LV-10</td>
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<td>Nova-65</td>
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<td>10.95</td>
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<tr>
<td>Nova-52</td>
<td>7.95</td>
</tr>
<tr>
<td>Nova-37</td>
<td>5.95</td>
</tr>
</tbody>
</table>

### Digital-Ready for the Ultimate in Sound

- **Realistic PRO-60**: Our best full-size headset! Soft variable-density ear cushions. "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...
- **Realistic LV-10**: Unique electro-acoustical design and 2" dynamic elements for clear, clean sound. Foam ear cushions. 20-20,000 Hz. Has 10-ft. coiled cord, ¼" plug. 33-1004...
- **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...

### 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. 33-1024...
- **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...
- **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...
- **Realistic Nova-10**: 2" drivers deliver full bass. 50-15,000 Hz. Has 6½-ft. cord, ¼" plug. 33-1012...

### 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, ¼" plug. Includes ¼" to ½" adapter. 33-1021...
- **Realistic Nova-52**: Folds up for easier carrying. Weighs 2.5 oz. 50-20,000 Hz. Has 6½-ft. cord, ¼" plug. 33-979...
- **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, ¼" plug. 33-2003...
- **Realistic Nova-35**: Foam earpads and adjustable headband. Weighs less than 4 oz. 50-20,000 Hz. Has 5-ft. cord, ¼" plug. Includes ¼" to -½" adapter. 33-1035...

### Budget Stereo Headphones

- **Realistic Nova 33**: Feathery light at only 1¼ ounces. Foam earpads. 50-20,000 Hz. Has 4-ft. cord, ¼" plug. 33-976...
- **Realistic Nova 36**: Folds up to fit in pocket or purse. Only 2 ounces. Foam earpads. 40-20,000 Hz. Has 4-ft. cord, ¼" plug. 33-2002...
- **Extra Earpads**: 33-375... 99¢
- **Ultra-Light In-Ear**: No headband needed! Just 0.6 oz. 50-20,000 Hz. Has 4-ft. cord, ¼" plug. 33-977...

---

**RADIO SHACK—FAMOUS FOR PERSONAL SERVICE AND QUALITY ELECTRONICS SINCE 1921**
Wireless Headsets for Sound in Motion

**Wireless Headset and Transmitter**

- 59.95

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.

**Stereo Infrared Wireless System**

- 89.95

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 ¼"-to-¼" plug adapter to fit any headphone jack. Receiver requires 9V battery and headphones.

**Monaural Earphones**

- 169

With earclip, 3½-ft. cord. ½" Plug. 33-174 1.69

**Deluxe Mono Earphone**

- 34.99

Enjoy Private Listening

Fits most portable TVs and cassette recorders. Has 10-ft. cord, ¼" plug. 33-177 3.49

**Earphone Cord**

- 2.49

Extends to 20 feet. Mono cord has ¼" jack and plug. Use with any ¼" mono plug on this page. 33-176 2.49

**Replacement Earpad Set**

- 24.99

Set of Four

These polyurethane foam covers fit most lightweight headsets. Two black and two blue. 33-174 2.49

**Budget Pillow Speaker**

- 3.39

Small price for privacy and convenience! Listen to TV, clock radios or portables without disturbing others. Has ¼" plug. 33-206 3.39

**Pillow Speaker**

- 4.99

Doze Off To Your Portable

Slips under pillow for private and late-night listening. With volume control, ¼" jack that fits most portables. 33-207 4.99

**Straight Extension**

- 56.99

Noncoiled 20-foot audio extension cable. For ¼" plugs. 42-2442 5.69

**Coiled Extension**

- 839

Coiled audio cable extends to 24-feet. For ¼" plugs. 42-2443 8.39

**Stereo Extension**

- 539

Lightweight, highly flexible 20-ft. cord with ¼" stereo mini plug and jack. 42-2462 5.39

**Plug Adapters For Headphones**

- 4.99

(1) ¼" to ⅛" 274-373 2.99

(2) ⅛" to ¼" 274-366 1.99

(3) ⅛" Y-Adapter. 274-313 3.29

(4) ¼" to ⅛" 274-376 1.99

(5) Mono-to-Stereo Jack. 274-366 1.19

SEE OUR COMPLETE SELECTION OF PLUG ADAPTERS ON PAGE 129
Realistic® Mikes for Home, Stage and Studio

Stereo Amplified Listener

- 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 21/4 x 7/8”. 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

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 1/4” 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. 5¾” long. 6½-foot cord with two 1/8” plugs. Requires “AA” battery. 33-1065 . . . . . . 26.95

Dynamic Mikes for Recording and Public Address

- Professional Quality & Style
- Two Available Pickup Pattern Choices

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. 6¼” long. Includes 16-foot cable with ¼” plug, carrying case and stand adapter. 33-1070 . . . . . . 44.95
Unidirectional Dynamic. Sturdy die-cast zinc body. On/off switch. 50-15,000 Hz response. Low-impedance (XLR) capability. 8½” long. Includes 5-foot 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 and 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-foot cable with ¼” plug, stand adapter. 33-986 . . . . . . 17.95

PZM® Microphone

49.95

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 4¾” base. With 16-foot cord, ¼” plug. Requires “AA” battery. 33-1090 . . . . . . 49.95

Two Pattern Choices

Cardioid Omni

Credit Card-Size Omni Mike

14.95

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, ¼” plug. Fits most portable recorders. 1¼ x 3¾ x 2½”. Complete with RS391 battery. 33-1089 . . . . . . 14.95

QUANTITY-PRICES AVAILABLE ON PA EQUIPMENT—SEE PAGE 92
Complete 2-Piece FM Wireless System

- Crystal-Controlled Transmitter
- Dual-Conversion Receiver

Transmitter has off/standby/talk switch, battery-test LED, belt clip. 200-ft. range. 200-10,000 Hz response. Transmitter is 2¾ x 6¾ x 5¼"; requires "AA" battery.

Receiver is 2½ x 6¾ x 5¼"; UL listed AC. (DC adapter, extra).

Wireless FM Tie-Clip Mike

- Transmits to Any Standard FM Radio

Tiny mikes fit in the palm of your hand, transmits up to 250 ft. outdoors. Excellent for PA or remote taping. 1¾ x ⅜ x ⅜". Tunable from 88 to 108 MHz. 33-2012

Slim Electret Omni Microphone

- Weighs Only 3 Ounces

Wide-range 20 to 1,000 Hz frequency response. 600 ohms. With cable, ¼" plug. Requires "AAAA" battery. 33-1076

Dynamic Omni Mike

- With Neck Cord And Desk Stand

MC-1000. 150 to 10,000 Hz. 10,000 ohms. 5½" long. With cable, ¼" plug. 33-899

Desk Mike Stand

- Protective Padded Feet

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

31" Boom Adapter

- Built-In Counterweight

Chromed tube, adjustable length and angle. Standard 5/8"-27 threading. 33-334

Mike Accessories

- Standard 5/8"-27 threading

(1) 16" Gooseneck Extension. 33-330
(2) ½" Scren Flange. 33-332

Mike Stand With Cast-Iron Base

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

Portable Folding Mike Stand

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

Impedance Adapters

- Each

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

SEE PAGES 42-43 FOR RADIO SHACK'S PA AMPLIFIERS AND MONEY-SAVING SYSTEMS
Values in Public Address Power Amplifiers

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

$199.95

- 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 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

SPECIFICATIONS: Frequency Response: 30-20,000 Hz ± 2 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals andophone-type jacks for 4 to 16-ohm speakers, ¼" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4½ x 14½ x 10½".

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

$99.95

- 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

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: 4½ x 10½ x 7½".

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

$79.95

- 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 "chowis" and "squeals." Features four hrsd. UL listed. 32-2033

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: 4½ x 10½ x 7½".

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 991.35 890.00
- 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

Save $3349 Reg. Separate Items 343.49 310.00
- 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

100-W 2-Mike Club System

Save $5770 Reg. Separate Items 587.70 530.00
- 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

Save $3235 Reg. Separate Items 307.35 275.00
- 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

Save $1950 Reg. Separate Items 199.50 180.00
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers
32-2033/33-985/33-1031/40-219

Save $1380 Reg. Separate Items 143.80 130.00
- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers
32-2033/33-985/40-1236

Sports Announcer System

Save $5770 Reg. Separate Items 587.70 530.00
- 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

Save $2723 Reg. Separate Items 257.23 230.00
- 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
32-2032/33-992/33-370/32-1031/40-272/40-1223

Meeting Hall System

Save $10135 Reg. Separate Items 991.35 890.00
- 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

Save $2635 Reg. Separate Items 307.35 275.00
- 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

Save $1950 Reg. Separate Items 199.50 180.00
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers
32-2033/33-985/33-1031/40-219

Save $1380 Reg. Separate Items 143.80 130.00
- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers
32-2033/33-985/40-1236

Office Paging System

Save $10135 Reg. Separate Items 991.35 890.00
- 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

Save $2635 Reg. Separate Items 307.35 275.00
- 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
32-2032/33-992/33-370/32-1031/40-272/40-1223

Save $1950 Reg. Separate Items 199.50 180.00
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers
32-2033/33-985/33-1031/40-219

Save $1380 Reg. Separate Items 143.80 130.00
- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers
32-2033/33-985/40-1236

“Anywhere” PA System

Save $2580 Reg. Separate Items 265.80 240.00
- 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

Save $10135 Reg. Separate Items 991.35 890.00
- 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

Save $3235 Reg. Separate Items 307.35 275.00
- 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

Save $1950 Reg. Separate Items 199.50 180.00
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers
32-2033/33-985/33-1031/40-219

Save $1380 Reg. Separate Items 143.80 130.00
- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers
32-2033/33-985/40-1236

Low-Cost Paging System

Save $2580 Reg. Separate Items 265.80 240.00
- 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

Save $10135 Reg. Separate Items 991.35 890.00
- 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

Save $3235 Reg. Separate Items 307.35 275.00
- 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

Save $1950 Reg. Separate Items 199.50 180.00
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers
32-2033/33-985/33-1031/40-219

Save $1380 Reg. Separate Items 143.80 130.00
- 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**

- **119.95** Each
- **32.95** For Indoor Or Outdoor Use
- **19.95** With mounting bracket.
- **3.95** Each
- **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.

### Budget Powerhorns

- **19.95**
- **4.95** For Indoor Or Outdoor Use
- **3.95** With mounting bracket.
- **17.95**
- **4.95** Mounts Easily On Wall

### Super-Powerhorn®

- **41.95**
- **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).

### 8" Wall Speaker/Baffle

- **17.95**
- **4.95** Mounts Easily On Wall

### Indoor/Outdoor Speakers

- **9.95**
- **19.95**

### Ceiling Grilles

- **4.95**
- **Mounting Hardware Included**

### Dynamic 4" Speakers

- **4.95**
- **Use with 4" ceiling grilles.**

### Transformer For 70-Volt Line Use

- **5.95**

### 4" Powerhorn

- **15.95**
- **Indoor/Outdoor**
- **Outstanding voice or music performance in a compact size.**
- **8 ohms. With mounting bracket.**

### PA Musical Powerhorn

- **39.95**
- **Includes Song List**

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 low or fast response, "A" or "C" weighting. Electret mike. Recording output. Requires 9V battery.

- **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.

### One-Watt Speaker/Amp

- **17.95**
- **One-piece system for amplified sound wherever you need it.**
- **Tone, volume controls. Features aux input, ¼" mike jack, 5 x 315/16 x 215/16". Requires 4 "C" batteries.**

### Sound Level Meter With Seven Ranges

- **29.95**
- **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 low or fast response, "A" or "C" weighting. Electret mike. Recording output. Requires 9V battery.

### Prices Apply at Participating Radio Shack Stores and Dealers
High-Power Flat-Face AM/FM Cassettes

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 (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.

24 Watts Plus Front-Rear Fader

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

79.95
TSP Available

Auto-Reverse, 30 Watts, Digital Tuning

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

189.95
TSP Available

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

- 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

NEW FOR 89 279.95
Low As $15 Per Month
TSP Available

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.

249.95
Low As $15 Per Month
TSP Available
30-Watt, Mini-Size With Auto-Reverse

**169.95**

Low As $15 Per Month

TSP Available

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

Digital-Electronic Tuning and 12 Presets

**99.95**

TSP Available

FM Signal Optimizer Delivers Superior FM in Any Signal Area


Mini-Size With Auto-Reverse

**89.95**

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

Lowest Priced Mini-Size In-Dash Player

**59.95**

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. Auto-reverse plays both sides of tapes automatically. 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

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Chassis Type</th>
<th>Body Size (H x W x D)</th>
<th>Nosepiece Size (H x W x D)</th>
<th>Control Shaft Spacing (Adjustable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1912</td>
<td>DIN-C</td>
<td>50 x 178 x 140</td>
<td>50 x 178 x 150</td>
<td>513/4 to 513/4</td>
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<tr>
<td>12-1922</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 135</td>
<td>50 x 178 x 140</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1924</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 140</td>
<td>50 x 178 x 150</td>
<td>513/4 to 513/4</td>
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<tr>
<td>12-1926</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 150</td>
<td>50 x 178 x 160</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1927</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 150</td>
<td>50 x 178 x 160</td>
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<tr>
<td>12-1928</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 160</td>
<td>50 x 178 x 170</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1930</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 170</td>
<td>50 x 178 x 180</td>
<td>513/4 to 513/4</td>
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<tr>
<td>12-1931</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 180</td>
<td>50 x 178 x 190</td>
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<tr>
<td>12-1932</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 190</td>
<td>50 x 178 x 200</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1933</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 200</td>
<td>50 x 178 x 210</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1934</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 210</td>
<td>50 x 178 x 220</td>
<td>513/4 to 513/4</td>
</tr>
<tr>
<td>12-1935</td>
<td>DIN-E (FF)</td>
<td>50 x 178 x 220</td>
<td>50 x 178 x 230</td>
<td>513/4 to 513/4</td>
</tr>
</tbody>
</table>

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: 513/4" (160 mm) shaft spacing is standard for most domestic trucks.

SEE OUR COMPLETE LINE OF AUTOSOUND SPEAKERS AND SPEAKER SYSTEMS ON PAGES 50 AND 51
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 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

Five-Band Equalizer and Auto-Reverse
- 24 Watts • Six FM/Six AM Presets
- LED Digital Tuning/Time Display
- Metal-Chrome/Normal Selector 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
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 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

Our Lowest Priced High-Power Digital
- 24 Watts • Seek and Scan Tuning
- LED Digital Tuning/Time Display
- Six AM and Six FM Presets Low As $15 Per Month
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

*Revolving Credit Available See Page 3

*TM Dolby Laboratories Licensing Corp

*TM Motorola, Inc

APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3
Under-Dash Cassette & Unique Accessories

Our Smallest, Lowest Priced Stereo

3495

Fits Easily Under Any Dash

Good sound, all the basic features. Auto-stop, locking fast-forward/ew control. 1 ⅛ x 5 ½ x 5 ½”. 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. 1 ¾ x 4 ¼ x 9 ¾”. 12-1875 39.95

FM Converter

2195

21.95

Uses existing AM radio antenna—easy to install under dash. 1 ⅛ x 4 x 5 ¼”. With hardware. 12-1350 21.95

Add CD to Your Car Stereo Player

CD Cassette Adapter

1995

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 player to any home or portable cassette player. 12-1951 19.95

Shielded Audio Cable

349

3.49

No Special Wiring—Just Plug in to Enjoy Superb Sound

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

80-Watt Autosound Stereo Power Amp

7995

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 x 7 x 6 ⅝”. 12-1957 79.95

80-Watt Autosound Stereo Power Amp

3995

Seven-Band Frequency Control

3995

Line-Level 7-Band Stereo Equalizer

3995

Line-Level 7-Band Stereo Equalizer

RADIO SHACK—FAMOUS FOR PERSONAL SERVICE AND QUALITY ELECTRONICS SINCE 1921
Autosound Stereo Performance Boosters

**Seven-Band, 60-Watt Stereo Equalizer/Booster**

- 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. 1⅛ x 7⅛ x 6¼".

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1959</td>
<td>79.95</td>
</tr>
</tbody>
</table>

**Seven-Band, 80-Watt Equalizer/Booster**

- 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. 1⅛ x 7 x 6½". 12-1956

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1957</td>
<td>99.95</td>
</tr>
</tbody>
</table>

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

- 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. 1⅝ x 7⅛ x 6¾".

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1958</td>
<td>119.95</td>
</tr>
</tbody>
</table>

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**

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 x 4⅞ x 4⅞ x 6¼". 12-1869

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1869</td>
<td>19.95</td>
</tr>
</tbody>
</table>

**Five-Band Equalizer/Booster**

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. 1⅛ x 5 x 6".

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1951</td>
<td>39.95</td>
</tr>
</tbody>
</table>

**Seven Bands, Fader, Slim Design**

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. 1⅛ x 5½ x 5¾".

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1953</td>
<td>54.95</td>
</tr>
</tbody>
</table>

**Seven Bands, Fader, CD Jack**

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. 1⅛ x 6⅛ x 5¼".

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-1954</td>
<td>59.95</td>
</tr>
</tbody>
</table>
## Everything in Auto Speakers & Accessories

### Die-Cast, 2-Way Minimus®-7
- **49.95** Each 40 Watts Capacity
- Mounting Bracket DIGITAL READY
- With 4” woofer, 1” tweeter. 7 1/16 x 4 7/16 x 4 3/16”. Black, 40-2030. Silver, 40-2034 ... Each 49.95 Bracket, 40-2031 ... Pair 15.95

### Minimus-3.5 Speaker
- **21.95** Each 15 Watts Capacity
- Mounting Bracket
- Get amazing sound from a 3 1/2” speaker in a 5 5/8 x 3 1/2 x 3 1/2” enclosure.

### Speaker Enclosures
- **36.95** Pair For Most 6 x 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. 8 1/8 x 11 5/8 x 9 1/2”. 40-170 ... Pair 36.95

### 3 1/2” Speakers
- **4.95** Each Great for In Dash

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-1325</td>
<td>5.0 oz.</td>
<td>20</td>
<td>8.95</td>
</tr>
<tr>
<td>40-1333</td>
<td>2.8 oz.</td>
<td>4</td>
<td>4.95</td>
</tr>
</tbody>
</table>

### 4” Speakers
- **4.95** Each Fit Tight Spots

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
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<tbody>
<tr>
<td>40-1197</td>
<td>6.8 oz.</td>
<td>10</td>
<td>10.95</td>
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<tr>
<td>40-1208</td>
<td>0.53 oz.</td>
<td>2</td>
<td>4.95</td>
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### 5” Speakers
- **5.95** Each Dual Cones

<table>
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<tr>
<th>Cat. No.</th>
<th>Magnet</th>
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<th>Each</th>
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<tbody>
<tr>
<td>40-1284</td>
<td>9.6 oz.</td>
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<td>10.95</td>
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<tr>
<td>40-1290</td>
<td>5.3 oz.</td>
<td>10</td>
<td>7.95</td>
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<tr>
<td>40-1240</td>
<td>2.8 oz.</td>
<td>5</td>
<td>5.95</td>
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### 5 1/4” Speakers
- **6.95** Each For doors, Kick Panels

<table>
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<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
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<tbody>
<tr>
<td>40-1354</td>
<td>10.0 oz.</td>
<td>40</td>
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<tr>
<td>40-1241</td>
<td>3.3 oz.</td>
<td>8</td>
<td>6.95</td>
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### 4 x 6” Speaker
- **6.95** Each 10 Watts Capacity

<table>
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<tr>
<td>40-1298</td>
<td>5.3 oz.</td>
<td>10</td>
<td>8.95</td>
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### 5 x 7” Speaker
- **8.95** Each 10 Watts Capacity

<table>
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<tr>
<td>40-1290</td>
<td>5.3 oz.</td>
<td>10</td>
<td>7.95</td>
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### 4 x 10” Speakers
- **9.95** Each Ceramic Magnets

<table>
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<th>Each</th>
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<tbody>
<tr>
<td>40-1297</td>
<td>10.0 oz.</td>
<td>30</td>
<td>14.95</td>
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<tr>
<td>40-1243</td>
<td>5.3 oz.</td>
<td>10</td>
<td>9.95</td>
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### 6 x 9” Speakers
- **8.95** Each Low As

<table>
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<th>Each</th>
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</thead>
<tbody>
<tr>
<td>40-1265</td>
<td>10.0 oz.</td>
<td>30</td>
<td>14.95</td>
</tr>
<tr>
<td>40-1258</td>
<td>5.3 oz.</td>
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<td>12.95</td>
</tr>
<tr>
<td>40-1269</td>
<td>3.0 oz.</td>
<td>6</td>
<td>7.95</td>
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### 6 x 9” 3-Way Speaker
- **26.95** Each 30 Watts Capacity

<table>
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<tr>
<td>40-1356</td>
<td>10.0 oz.</td>
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<td>14.95</td>
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### 6 x 9” Steel Grille
- **3.39** Each Guards Speaker

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<tr>
<td>40-1175</td>
<td>3.5 oz.</td>
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<td>3.39</td>
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</tbody>
</table>

### Wire-Mesh Grilles
- **4.79** Each Low As

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) 40-1336</td>
<td>10.0 oz.</td>
<td>30</td>
<td>4.79</td>
</tr>
<tr>
<td>(2) 40-1335</td>
<td>10.0 oz.</td>
<td>30</td>
<td>6.59</td>
</tr>
</tbody>
</table>

### Molded Grilles
- **1.99** Each Low As

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) 40-1337</td>
<td>4.0 oz.</td>
<td>10</td>
<td>1.99</td>
</tr>
<tr>
<td>(2) 40-1335</td>
<td>5.3 oz.</td>
<td>10</td>
<td>3.29</td>
</tr>
</tbody>
</table>

### Hi-Power Fader
- **8.79** Handles Up To 25 Watts Per Channel

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>270-048</td>
<td>6.0 oz.</td>
<td>25</td>
<td>8.79</td>
</tr>
</tbody>
</table>

### Selector/Fader
- **7.79** Easy To Install

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>270-046</td>
<td>10.0 oz.</td>
<td>25</td>
<td>7.79</td>
</tr>
</tbody>
</table>

### Stereo Fader
- **6.79** Mounts Under Dash

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>270-047</td>
<td>6.0 oz.</td>
<td>25</td>
<td>6.79</td>
</tr>
</tbody>
</table>

### Selector Switch
- **4.79** With Hardware

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Magnet</th>
<th>Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>270-045</td>
<td>4.0 oz.</td>
<td>10</td>
<td>4.79</td>
</tr>
</tbody>
</table>

All faders and selectors have 8 ohms impedance, color-coded leads and include instructions.
<table>
<thead>
<tr>
<th>Speaker Type</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Our Best Flush-Mounts—6 x 9” 3-Way</strong></td>
<td></td>
<td>99.95 Pair 120 Watts Capacity Per Pair Deluxe three-way system has a moistureproof 6 x 9” polypropylene woofer with 16-oz. magnet,  2(\frac{1}{2})” midrange, 1(\frac{1}{2})” tweeter. No retainer rings required. 12-1859 ................. Pair 99.95</td>
</tr>
<tr>
<td><strong>4 x 10” 2-Way Flush-Mount</strong></td>
<td>49.95 Pair</td>
<td></td>
</tr>
<tr>
<td><strong>3-Way 5(\frac{1}{4})” Plate-Mount</strong></td>
<td>69.95 Pair</td>
<td>Feature individually mounted 5(\frac{1}{4})” woofer, 2(\frac{1}{2})” midrange and 1(\frac{1}{2})” tweeter, with electronic crossover. Fits from (\frac{3}{4})” round hole to standard 6 x 9” cutout. Molded housing, open-mesh grilles. (\frac{2}{3}) x (\frac{3}{4}) x (\frac{3}{4})” 12-1711 ................. Pair 69.95</td>
</tr>
<tr>
<td><strong>5(\frac{1}{4})” 3-Way Flush-Mount</strong></td>
<td>59.95 Pair</td>
<td>Big 5(\frac{1}{4})” woofer with 17.6-ounce magnet pumps out deep bass. Has 2(\frac{1}{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</td>
</tr>
<tr>
<td><strong>5(\frac{1}{4})” 2-Way Surface-Mount</strong></td>
<td>59.95 Pair</td>
<td>Individually mounted 5(\frac{1}{4})” woofer and 2(\frac{1}{4})” cone tweeter. Just right for vans or rear deck. Efficient 7.9-ounce magnet. Built-in electronic crossover. Open-mesh grilles, rugged molded housing. 5(\frac{1}{4}) x (\frac{1}{4}) x (\frac{1}{4})” 12-1708 ................. Pair 59.95</td>
</tr>
<tr>
<td><strong>Full-Range 4” Flush-Mount</strong></td>
<td>29.95 Pair</td>
<td>Only (\frac{1}{4})” 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</td>
</tr>
<tr>
<td><strong>Compact 5(\frac{1}{4})” Flush-Mount</strong></td>
<td>29.95 Pair</td>
<td>Fit in the shallowest doors and kick-panels—&quot;the&quot; speakers for small imports. With moisture shield, metal grilles. No retainer rings needed. 12-1703 ................. Pair 29.95</td>
</tr>
<tr>
<td><strong>Budget 5(\frac{1}{4})” Surface-Mount</strong></td>
<td>19.95 Pair</td>
<td>Wide-response dual-cone speakers. 2.85-ounce magnets. Durable molded housings. 12-1709 ................. Pair 19.95</td>
</tr>
<tr>
<td><strong>Low-Priced 5(\frac{1}{4})” Flush-Mount</strong></td>
<td>19.95 Pair</td>
<td>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</td>
</tr>
<tr>
<td><strong>Compact 3” Surface-Mount</strong></td>
<td>13.95 Pair</td>
<td>Fit most subcompacts. Wide-range speakers in molded housings. 12-1710 ................. Pair 13.95</td>
</tr>
</tbody>
</table>
**Accessories for Easier Autosound Installation**

### Autosound In-Dash Installation Kits

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.

<table>
<thead>
<tr>
<th>GM Kit</th>
<th>Fits 39 models. 12-1361</th>
<th>$8.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford/Chrysler</td>
<td>Fits 69 models. 12-1362, 10.95</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>For Models</th>
<th>Cat. No. Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1984-88 Chrysler</td>
<td>270-756 6.99</td>
</tr>
<tr>
<td>1983-85 Ford</td>
<td>270-757 6.99</td>
</tr>
<tr>
<td>1986-88 Ford</td>
<td>270-758 7.99</td>
</tr>
</tbody>
</table>

### Auto Connectors Harness 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
- 5-Pin Socket. 7" leads. 274-1215 $1.59
- 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 $99c

(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 WYDC. 272-1085 $4.99

(5) Floating Ground Adapter. Permits use of high-power radio/cassette stereos with common ground speakers. 270-053 $5.49

### Vehicle Fuses, Holders, Testers & Tools

(1) Inline "Blade" Fuse Holder. Rated 20 amps. 270-1213 $1.99

(2) Glass Fuse Kit. (2) SFE-20. (1) each: AGC 3, 10, 15, 25, 30; SFE 71/2, 9, 14. 270-1202 Set of 10/$1.89

(3) Solderless 1/4" 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. Tests 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 $99c

### 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 SAE fuse up to 7.5 amps. 274-335 $1.99

(7) Lighter Plug. Fits standard lighter socket. Rated 6 amps. 274-331 $1.99

### Voltage Inverter

**27.95**

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-sunked, fuse protected. Rated 3 amps.

22-129 $27.95

### Electrical Tester

**5.95**

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, 89c |

### Prices

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
**Antennas and Accessories for Your Car**

**AM/FM/FM Stereo Antenna Values**

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 25¾ 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 19¾ 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 1¾" mounting hole. 31" stainless steel whip. 54" lead-in cable. Perfect for FM stereo reception. 12-1322 ........................................ 6.99
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**

**49.95**

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. 2¼ x 3 x 2½". 12VDC neg. gnd. 63-641 ........................... 49.95

**Flexible AM/FM Auto Antennas**

They Bend, But Don't Break

1. **Rubber Ducky Antenna.** Vandal-proof 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

**Windshield Antenna**

**4.39**

For FM and AM

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

**Automotive Lighting Relay**

**4.99**

30 Amp

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

**Extensions & Connectors**

**Motorola-Type Plugs and Jacks**

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**

**39.95**

- 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

THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU ARE
FAST™ Road Patrol XK® Radar Detectors

Mini Dual-Tone, Dual-Conversion

- Actual Size is Only $1^{1/16} \times 2^{3/8} \times 4^{3/16}”
- 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, $-112 \text{ dBm/cm}^2$; K-Band, $104 \text{ dBm/cm}^2$. 12VDC neg. gnd.

199.95 Low As $15 Per Month *
TSP Available

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

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

179.95 Low As $15 Per Month *
TSP Available

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, $-110 \text{ dBm/cm}^2$; K-Band, $-102 \text{ dBm/cm}^2$. With 16-foot control cable. Control Unit: $1^{1/2} \times 3^{1/2} \times 2^{1/2}”$; Remote: $1^{3/4} \times 3^{1/2} \times 3^{3/4}”$. 12VDC pos. or neg. gnd. 22-1614

129.95 Low As $15 Per Month *
TSP Available

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, $-108.5 \text{ dBm/cm}^2$; K-Band, $-100.5 \text{ dBm/cm}^2$. $1^{1/8} \times 3^{1/2} \times 4^{3/4}”$. Plugs into 12 VDC pos. or neg. gnd. lighter socket. 22-1618

Super-Sensitive Compact. Reliable protection in a discreet $7/8 \times 3^{1/2} \times 4^{1/4}”$ 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, $-113 \text{ dBm/cm}^2$; K-Band, $-105 \text{ dBm/cm}^2$. Plugs into 12VDC neg. gnd. lighter socket. 22-1619

99.95 Low As $15 Per Month *

149.95 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, $-114 \text{ dBm/cm}^2$; K-band, $-102 \text{ dBm/cm}^2$. $7/8 \times 3^{1/2} \times 4^{3/4}”$. Plugs into 12VDC neg. gnd. lighter socket. 22-1617

(1) Y-Adapter. Powers detector and another 12VDC accessory from one cigarette lighter outlet. 270-1535
(2) Suction Cup Mount. 270-034
(3) Universal Coiled 12 VDC Power Cord and Plug. With four adapters to fit most detectors and 12VDC TVs. 2-amp fuse. 270-1528

RADAR DETECTORS NOT OFFERED WHERE SALE IS PROHIBITED BY LAW / USE MAY BE REGULATED BY STATE OR LOCAL LAW
Protective Mobile Alert® Auto Alarms

Car Alarm With Remote Arm/Disarm and Pager

149.95
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.

“Silent” Car Alarm With Pocket Receiver

79.95

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

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.

Keyless Motion Alarm With Remote

59.95

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.

Keyless Alarm With Motion Sensor

44.95

- 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.

Accessories for Your Auto Alarm

1. Extra-Loud 2-Sound Siren. Emits a piercing sound, rise/fall or steady. Requires 12VDC, 500mA
2. Mini Siren. Super-loud 100dB “yelp.” With mounting bracket. 12VDC, 240mA
3. NEW! High-Efficiency 2-Sound Piezo Siren. Extra-loud rise-and-fall tone. Weatherproof. 12VDC, 300mA
4. Short Pin Switch. For door, trunk or hood mount in tight spaces. Solderless lug terminals
5. Long-Throw Pin Switches. Crimp-type. For hood, trunk or doors

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.
2. Motion Detector Switch. Mounts under hood. Triggers if car is jacked, towed or tampered with. Adjustable sensitivity
3. Hide-A-Key. No more expensive locksmith fees! Grips any flat magnetic holding surface. Buy several for house and car keys
4. Window Decals. Let them know your car is “on guard”. Low-cost protection
Superb Realistic Stereo Sound Systems—To Go

With Compact Disc Player

299.95
Low As $15 Per Month* TSP Available
- Auto Music Search on CD • Dolby® B NR • Synchro-Start CD-to-Cassette Dubbing

Realistic® CD-3300. Enjoy extraordinary digital stereo anywhere you would take an ordinary portable! Record Dolbyized® 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 x 22 1/4 x 5 1/2". UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-527 ............... 299.95

With CD & Dual Cassettes

419.95
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 1/4 x 25 5/8 x 7 1/4". UL listed AC (or 8 "D" batteries or DC adapter, extra). 14-526 ............... 419.95

4-Track Hi-Speed Dubbing

229.95
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 x 25 1/4 x 7 1/4". UL listed AC (or 8 "D" batteries or DC adapter, extra). 14-765 ............... 229.95

SEE PAGE 60 FOR DC ADAPTERS AND 40-41 FOR EXTERNAL MIKES // TM DOLBY LABORATORIES LICENSING CORP
AM/FM Stereo Dual-Cassette Portables

With Synchro-Start Dubbing

**NEW FOR 89** $99.95 Low As $15 Per Month

- 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. 5¼ x 19¼ x 3½". UL listed AC (or 6 "C" batteries, extra).

Slim Style & Hi-Speed Dubbing

TSP Available $119.95 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. 5½ x 18 x 4½". UL listed AC (or 5 "D" batteries, extra).

Full-Size & Hi-Speed Dubbing

TSP Available $139.95 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. 7½ x 20½ x 4½". UL listed AC (or 5 "D" batteries or DC adapter, extra).

Hi-Speed Dubbing & Dolby® B NR

TSP Available $189.95 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 tone-tuned response. Detachable 2-way speakers. Jacks for headphone, line in, speakers and mikes. 8¼ x 24 x 5¾". UL listed AC (or 6 "D" batteries or DC adapter, extra).
STEREO-MATE® Personal Cassette Players

Our Best! AM/FM Stereo With Dolby* NR

NEW FOR $89

99.95
Low As $15 Per Month

TSP Available

Auto-Reverse Plays Both Sides of Tape Automatically

Realistic SCP-27. Dolby NR cuts tape hiss and extends dynamic range for superior playback. Metal/normal tape switch. Low-battery LED. Belt clip. 4¼ x 3½ x 1½". Requires 2 "AA" batteries or AC or DC adapter. 14-1047 .... 99.95

Dynamic AM/FM Stereo With Auto-Reverse

NEW FOR $89

79.95
TSP Available

Dolby NR Cuts Tape Hiss

Realistic SCP-25. Selectable auto-reverse plays both sides of a tape once or continuously. Separate right/left volume controls. Belt clip. 5½ x 3% x 1½". Requires 2 "AA" batteries or AC or DC adapter. 14-1048 .... 79.95

Budget AM/FM Stereo With Auto-Stop

39.95
TSP Available

Listen to AM/FM Stereo Or Cassette Tapes

Realistic SCP-24. Tailor the sound with separate left and right volume controls. Auto-stop saves batteries and protects tapes. Detachable belt clip. 5½ x 3½ x 1¾". Requires 3 "AA" batteries or DC adapter. 14-1039 .... 39.95

Stereo Cassettes With the Features You Want

(1) Realistic SCP-28. Has left/right volume. Belt clip. 3¾ x 5½ x 1¼". 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. 4¼ x 4½ x 1¾". Requires 2 "AA" batteries. 14-1068 .... 29.95
(3) Realistic SCP-20. Built-in equalizer, auto-stop, belt clip. 4½ x 3¼ x 1¾". 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. 4½ x 3½ x 1¾". 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-Cr02/normal switch. Low battery, tape direction LEDs. Belt clip. 4¾ x 3½ x 1½". Requires 3 "AA" batteries or DC adapter. 14-1033 .... 59.95

Amplified Speakers

49.95

Mini Stereo Speakers

19.95 Pair

Micro Speaker System

9.95

Stereo 'Phones

5.95

PORTABLES ON THIS PAGE HAVE ¼" 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

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. 4¾ x 12¼ x 2¼". UL listed AC (or 6 "AA" batteries or DC adapter, extra). 14-752 .............. 59.95

AM/FM Stereo Cassette Recorder With Aux Input

- Accepts an External Source

Realistic SCR-35. Balance and tone controls, two 3½" speakers, built-in mikes. Jacks for adding external mikes, speakers, 1/8" headphone. 6½ x 15¾ x 3¾". UL listed AC (or 6 "C" batteries or DC adapter, extra).

Personal Stereo Recorder

- 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. 5¼ x 3½ x 1½". Requires 2 "AA" batteries or AC or DC adapter.

Sing-Along Player

- 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. 8½ x 7¼ x 2¾". Requires 4 "C" batteries or AC or DC adapter.

Kiddie Recorder

- 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. 8½ x 6½ x 2¾". Requires 4 "C" batteries or AC or DC adapter.

Tape Recorder/Radio

- 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. 7½ x 9 x 2¾". Requires 4 "C" batteries or AC or DC adapter.
### Microcassette Recorders and Accessories

**Microcassette Recorders**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micro-90</td>
<td>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.</td>
<td>99.95</td>
</tr>
<tr>
<td>Micro-60</td>
<td>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.</td>
<td>49.95</td>
</tr>
<tr>
<td>Mini-30</td>
<td>For Rim-Drive Recorders For our Minisette® and other brands of rim-drive recorders. 30 minutes of recording time.</td>
<td>20.95</td>
</tr>
</tbody>
</table>

**Tray for Mini & Micro Tapes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holds 12 mini or microcassettes. Smoke-tinted cover protects tapes. 2 x 2 1/4&quot; x 7&quot;.</td>
<td>2.99</td>
<td></td>
</tr>
</tbody>
</table>

**Micro Head Cleaner**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonabrasive tape cleans microcassette tape path and restores clarity.</td>
<td>2.99</td>
<td></td>
</tr>
</tbody>
</table>

**Low-Noise 8-Track Recording Tape**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended for all general-purpose recording. Lubricated, continuous loop, polyester base.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Open-Reel Recording Tape**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
</table>

**Open-Reel Concertape® Tape Reels With Boxes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low cost way to replace warped or damaged reels. Hinged box design with handy index and timing charts.</td>
<td>1.99</td>
<td></td>
</tr>
</tbody>
</table>

**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!

---

**Prices Apply at Participating Radio Shack Stores and Dealers**
Portable Cassette Recorders and Players

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. 1 3/4 x 5 1/2 x 10 1/2". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1053

(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. 1 7/8 x 5 5/6 x 9 7/8". Requires 4 "C" batteries or AC or DC adapter. 14-1051

(3) Realistic CTR-72. AC/DC operation plus easy editing. Auto-level. Convenient cue/review controls for easy editing. Built-in mike. 1 7/8 x 5 5/8 x 9 3/4". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1052

(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. 1 3/4 x 5 5/8 x 9 7/8". Requires 4 "AA" batteries or AC or DC adapter. 14-1053


(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. 4 1/2 x 3 1/4 x 1 1/2". Requires 2 "AA" batteries or AC or DC adapter. 14-1055

(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 3 3/4 x 1 1/2". Requires 4 "AA" batteries or AC or DC adapter. 14-1057

(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 1 3/4". Requires 4 "AA" batteries or DC adapter. 14-1056

Switchable Auto-Level Recorder

59.95

- 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 control, and jacks for remote mike and earphone. 2 1/8 x 9 1/16 x 6 3/4". Requires 4 "C" batteries or AC or DC adapter. 14-808

Variable Speech Control Cassette

79.95

- 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. 2 1/8 x 10 1/16 x 6 3/4". With earphone. UL listed AC (or 5 "C" batteries or DC adapter, extra.). 14-1060
Radio Shack Cassettes—Great Sound & Value

MIV—Our Best! Type IV High-Tech Metal

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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1-11</td>
</tr>
<tr>
<td>MIV 60</td>
<td>60 Minutes</td>
<td>44-960</td>
<td>5.99</td>
</tr>
<tr>
<td>MIV 90</td>
<td>90 Minutes</td>
<td>44-961</td>
<td>6.99</td>
</tr>
</tbody>
</table>

HD Hi-Definition Type II Chrome-Equivalent

Captures the Loudest and Softest Passages While Reducing Noise

Get excellent low-noise recordings on decks with CrO₂/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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1-11</td>
</tr>
<tr>
<td>HD-60</td>
<td>60 Minutes</td>
<td>44-940</td>
<td>3.49</td>
</tr>
<tr>
<td>HD-90</td>
<td>90 Minutes</td>
<td>44-941</td>
<td>4.29</td>
</tr>
</tbody>
</table>

LN Low-Noise Type I Standard Ferric

High Output and Wide Frequency Response, Low Noise and Distortion


<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1-11</td>
</tr>
<tr>
<td>LN-30</td>
<td>30 Minutes</td>
<td>44-601</td>
<td>1.59</td>
</tr>
<tr>
<td>LN-60</td>
<td>60 Minutes</td>
<td>44-602</td>
<td>1.99</td>
</tr>
<tr>
<td>LN-90</td>
<td>90 Minutes</td>
<td>44-603</td>
<td>2.79</td>
</tr>
<tr>
<td>LN-120</td>
<td>120 Minutes</td>
<td>44-604</td>
<td>3.49</td>
</tr>
</tbody>
</table>

XR Extended-Range Type I Premium Ferric

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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1-11</td>
</tr>
<tr>
<td>XR-45</td>
<td>45 Minutes</td>
<td>44-920</td>
<td>2.59</td>
</tr>
<tr>
<td>XR-60</td>
<td>60 Minutes</td>
<td>44-921</td>
<td>2.79</td>
</tr>
<tr>
<td>XR-90</td>
<td>90 Minutes</td>
<td>44-922</td>
<td>3.79</td>
</tr>
<tr>
<td>XR-120</td>
<td>120 Minutes</td>
<td>44-923</td>
<td>4.99</td>
</tr>
</tbody>
</table>

Concertape® Type I—Quality at Low Cost

3-Packs C-30 Low As $179 12-Up


<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1-11</td>
</tr>
<tr>
<td>C-30</td>
<td>30 Minutes</td>
<td>44-606</td>
<td>1.99</td>
</tr>
<tr>
<td>C-60</td>
<td>60 Minutes</td>
<td>44-607</td>
<td>2.59</td>
</tr>
<tr>
<td>C-90</td>
<td>90 Minutes</td>
<td>44-613</td>
<td>3.59</td>
</tr>
<tr>
<td>C-120</td>
<td>120 Minutes</td>
<td>44-614</td>
<td>4.99</td>
</tr>
</tbody>
</table>

When in Fort Worth, visit and shop Tandy Center Downtown, home of Radio Shack world headquarters.
### The Best Buys in Recording Accessories

#### Bulk Eraser
<table>
<thead>
<tr>
<th>Erases Tapes in Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast, complete erasing. For floppy disks, too. Not for metal or video tape. UL listed AC. 44-232</td>
</tr>
</tbody>
</table>

#### Universal Demagnetizer
<table>
<thead>
<tr>
<th>Helps Cut Tape Hiss</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improves S/N ratio. For cassette, 8-track and open-reel heads. Two angled tips. UL listed AC. 44-225</td>
</tr>
</tbody>
</table>

#### Lighted Demagnetizer
<table>
<thead>
<tr>
<th>3 1/2&quot; Lighted Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helps find heads. Works with all tape decks. With instructions. UL listed AC. 44-207</td>
</tr>
</tbody>
</table>

#### Cassette Head Demagnetizer
| Loads like ordinary cassette, works in one second. With LED indicator, battery. 44-1165 | 9.95 |

#### Pro-Style Solvent
<table>
<thead>
<tr>
<th>Reduces Distortion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freon TF™ dissolves dirt and oxides on record and playback heads for improved performance. 2 oz. 44-1171</td>
</tr>
</tbody>
</table>

#### Cleaner Spray
<table>
<thead>
<tr>
<th>For All Tape Heads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zero-residue spray cleans dirt and oxide deposits, improves clarity. 6 oz. 44-1014</td>
</tr>
</tbody>
</table>

#### Head Cleaner Solution
| Cleans heads, tape guides, capstan rollers and metal parts to prevent distortion. 2 oz. 44-1010 | 0.99 |

#### Cleaner Swabs
<table>
<thead>
<tr>
<th>Ultra-Thin</th>
</tr>
</thead>
<tbody>
<tr>
<td>For cleaning crevices. Antistatic. Flexible. 44-1001</td>
</tr>
</tbody>
</table>

#### Cassette Head Cleaner
<table>
<thead>
<tr>
<th>Extends Tape Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all cassette decks. Non-abrasive tape restores record and playback clarity. 44-1160</td>
</tr>
</tbody>
</table>

#### Cleaning Kit
| Extends tape life by removing oxides from head and capstan. With cleaning fluid. 44-1162 | 2.69 |

#### Non-Slip Solvent
<table>
<thead>
<tr>
<th>Helps Reduce Wow &amp; Flutter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stops slippage of idler wheels, belts and cords. Fast drying. Won't harm rubber. 2 oz. 44-1013</td>
</tr>
</tbody>
</table>

#### Cleaning Cloths
<table>
<thead>
<tr>
<th>Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 Pkg. 4/1.79</th>
</tr>
</thead>
</table>

#### Deluxe Cassette Tape Splicer
<table>
<thead>
<tr>
<th>For All Tape Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromed cut/trim lever. With one roll splicing tape and instructions. 44-214</td>
</tr>
</tbody>
</table>

#### Editing Block
| For high-quality recordings of personal phone calls. Suction cup fastens on phone receiver. With cord. 1/4" mini-plug. 44-533 | 1.99 |

#### Leader Tape
| For indexing and/or protecting your tape. 7/32 x 200" roll. 44-1131 | 99c |

#### Sensing Tape
<table>
<thead>
<tr>
<th>Metallic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stops or reverses recording having either contact or photo-sensing systems. 100&quot; roll. 44-1155</td>
</tr>
</tbody>
</table>

#### Cassette Housing
| Replace your camaged 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 |

#### Molding 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
<table>
<thead>
<tr>
<th>Easy To Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote control switch for hands-free on/off capability. Ideal for typing from dictation. Sub-mini plug. 44-610</td>
</tr>
</tbody>
</table>

#### Phone Pickup Coils
<table>
<thead>
<tr>
<th>For most Portables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plugs into lighter socket. Switchable 6V/9V DC output. Fused. 12VDC negative. 14-844</td>
</tr>
</tbody>
</table>

### See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables
### Organizers and Protectors for Audio/Video

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio Cassette Case</td>
<td>17.95</td>
<td>Holds 60 boxed or 120 unboxed tapes. Handles even the biggest collections. 44-679</td>
</tr>
<tr>
<td>Audio Tape/CD Case</td>
<td>14.95</td>
<td>Holds 30 boxed or 60 unboxed tapes in rip-stop material case. 44-686</td>
</tr>
<tr>
<td>Audio Tape Carry Case</td>
<td>9.95</td>
<td>Holds 24 boxed or 48 unboxed tapes. 44-658</td>
</tr>
<tr>
<td>Deluxe Audio Tape Case</td>
<td>17.95</td>
<td>Holds up to 48 cassettes. 44-679</td>
</tr>
<tr>
<td>Cassette Case</td>
<td>7.99</td>
<td>Holds 15 boxed tapes or most personal players and tapes. Carry handle. 44-688</td>
</tr>
<tr>
<td>Audio Tape/CD Case</td>
<td>9.95</td>
<td>Holds 18 tapes or 10 single CDs. 44-687</td>
</tr>
<tr>
<td>Universal Carry Case</td>
<td>9.95</td>
<td>Holds 10 audio cassettes or personal stereo. Rip-stop fabric. 44-681</td>
</tr>
<tr>
<td>Deluxe Audio Cassette Case</td>
<td>6.95</td>
<td>Holds 12 boxed or 24 unboxed cassettes. Deluxe vinyl. Snap latch, carry handle. 44-657</td>
</tr>
<tr>
<td>Cassette Case</td>
<td>7.99</td>
<td>Holds 15 boxed tapes or most personal players and tapes. Carry handle. 44-688</td>
</tr>
<tr>
<td>Audio Cassette Racks</td>
<td>2.99</td>
<td>Smoked acrylic racks hold ten cassettes each for a total of 20. 44-682</td>
</tr>
<tr>
<td>Handy Audio Cassette Tray</td>
<td>3.59</td>
<td>Holds 15 tapes. Tinted cover keeps dust out, guards tapes. Molded construction. 44-665</td>
</tr>
<tr>
<td>Audio Cassette Module</td>
<td>2.29</td>
<td>For 10 boxed or 16 unboxed modules. Interlock and stack horizontally or vertically. 44-685</td>
</tr>
<tr>
<td>Folding Audio Albums</td>
<td>3.95</td>
<td>12-Cassette. It saves space! Cassettes snap in/out. 44-612</td>
</tr>
<tr>
<td>Tape Rewinder</td>
<td>29.95</td>
<td>Saves time, saves wear on VCR heads. Requires 4 alkaline &quot;C&quot; batteries or AC adapter. 44-1140</td>
</tr>
<tr>
<td>Universal VCR Cover</td>
<td>5.95</td>
<td>Static-resistant vinyl keeps out damaging dust. Fits most VCRs. 5 x 18 x 13 1/4&quot;. 44-1182</td>
</tr>
<tr>
<td>Video Tape Racks</td>
<td>5.99</td>
<td>Smoke-colored molded racks each hold six Beta or six VHS video tapes for a total of 12. 44-1197</td>
</tr>
<tr>
<td>Video Tape Library Albums</td>
<td>2.99</td>
<td>Protects and organizes VHS or Beta tapes, book-style. 44-1105</td>
</tr>
<tr>
<td>Video Mailer Storage Case</td>
<td>2.49</td>
<td>U.S. Postal Service-approved. Ideal for long term dust-free storage of VHS or Beta. 44-1101</td>
</tr>
<tr>
<td>Video Index Log Book</td>
<td>5.99</td>
<td>Keep track of your tapes! Videolog creates a quick reference for your video tape library. 44-1176</td>
</tr>
<tr>
<td>Video Module</td>
<td>4.99</td>
<td>Stores VHS and Beta tapes. Interlocks to expand storage. 44-1102</td>
</tr>
<tr>
<td>Relabeling Kit</td>
<td>1.49</td>
<td>For VHS or Beta video cassettes. Includes 10 label sets. 44-1103</td>
</tr>
<tr>
<td>Removable Relabeling Tape</td>
<td>1.99</td>
<td>Neatly label frequently-recorded cassettes. 3/4&quot; x 700&quot; roll. 44-1156</td>
</tr>
<tr>
<td>Relabeling Kit</td>
<td>1.49</td>
<td>Uniform Labeling</td>
</tr>
<tr>
<td>Removable Relabeling Tape</td>
<td>1.99</td>
<td>Neatly label frequently-recorded cassettes. 3/4&quot; x 700&quot; roll. 44-1156</td>
</tr>
<tr>
<td>Relabeling Kit</td>
<td>1.99</td>
<td>For neat labels</td>
</tr>
<tr>
<td>Video Index Log Book</td>
<td>5.99</td>
<td>Twenty label cards and 10 adhesive-backed holders. 44-1104</td>
</tr>
</tbody>
</table>

THERE'S ALWAYS A RADIO SHACK NEAR YOU WHEREVER YOU LIVE, WORK OR GO IN THE USA
Radio Shack Supertape® Video Cassettes

The Standard Of Excellence for Recording and Playback

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-professional 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

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 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

For Beta. 44-1145 9.95
For VHS. 44-1146 9.95

Dry Cleaning System

For Beta, VHS and Audio Tape

29.95

For VHS equipment.

29.95

VCR Cleaning Kit

Complete Care System

9.95

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.
### 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-415</td>
<td>Has ceramic filters for superior selectivity, bright LED channel display, 4-step LED signal/RF power meter and ANL. Remote speaker jack. 2 x 4 3/4 x 6 1/2. Negative ground only.</td>
<td>$59.95</td>
<td>21-1509</td>
</tr>
</tbody>
</table>

**Channel Up/Down Controls on Mike**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-430</td>
<td>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.</td>
<td>$89.95</td>
<td>21-1514</td>
</tr>
</tbody>
</table>

**With 6 Channel-Memory Presets**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-419</td>
<td>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.</td>
<td>$99.95</td>
<td>21-1512</td>
</tr>
</tbody>
</table>

**Channel 9 & 19 Priority Switch**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-418</td>
<td>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.</td>
<td>$99.95</td>
<td>21-1511</td>
</tr>
</tbody>
</table>

**With Both ANL and NB Circuits**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-423</td>
<td>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.</td>
<td>$129.95</td>
<td>21-1513</td>
</tr>
</tbody>
</table>

**With Channel 9 Priority Switch**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-474</td>
<td>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.</td>
<td>$139.95</td>
<td>21-1539</td>
</tr>
</tbody>
</table>

**SSB—Added Range & Channels**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC-453</td>
<td>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.</td>
<td>$199.95</td>
<td>21-1566</td>
</tr>
</tbody>
</table>

---

**MOBILE CBs INCLUDE MOUNTING BRACKET AND HARDWARE / 12 VDC NEGATIVE OR POSITIVE GROUND UNLESS STATED OTHERWISE**
### Archer® Mobile and Base CB Antennas

- Revolving Credit Available
  See Page 3

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Deluxe Magnet-Mount</td>
<td>No holes to drill. Mounts on any flat magnet-holding surface. Low-loss coil form, 54” whip.</td>
</tr>
<tr>
<td>2</td>
<td>Base-Loaded Magnet-Mount</td>
<td>Use on any flat magnet-holding surface. Stainless steel whip, heavy-duty spring.</td>
</tr>
<tr>
<td>3</td>
<td>CB/AM/FM &quot;Disguise&quot;</td>
<td>Mounts in standard 8½” coil, splitter, connectors for CB and radio, hardware.</td>
</tr>
<tr>
<td>4</td>
<td>No-Hole Trunk-Mount</td>
<td>For center or side of trunk lid. Secures with two set screws. Base loading coil, shock spring.</td>
</tr>
<tr>
<td>5</td>
<td>&quot;Shorty&quot; Roof-Mount</td>
<td>Handy snap-in mount. Center-load coil, steel whip and shock spring.</td>
</tr>
<tr>
<td>6</td>
<td>Cellular &quot;Look-Alike&quot; Trunk-Mount</td>
<td>No hole to drill. Stainless steel whip, heavy-duty spring.</td>
</tr>
<tr>
<td>7</td>
<td>Cellular &quot;Look-Alike&quot; Magnet-Mount</td>
<td>No hole to drill. Stainless steel whip, heavy-duty spring.</td>
</tr>
<tr>
<td>8</td>
<td>48” Fiberglass Marine Mount</td>
<td>Horizontal or vertical mounting. Works on non-metallic surfaces.</td>
</tr>
<tr>
<td>9</td>
<td>Single Truckers</td>
<td>Heavy-duty mirror-mount adjusts for vertical or horizontal brackets. Center resonator.</td>
</tr>
<tr>
<td>10</td>
<td>Single Truckers II</td>
<td>Fiberglass. One-whip version of Fig. 11.</td>
</tr>
<tr>
<td>11</td>
<td>Fiberglass Twin Truckers</td>
<td>Dual 48” whips for improved front/rear performance.</td>
</tr>
<tr>
<td>12</td>
<td>Gutter-Clamp</td>
<td>Easy to mount in rain gutter, simple to transfer between cars. Center-loaded. Stainless steel spring and whip.</td>
</tr>
<tr>
<td>13</td>
<td>Fold-Down Gutter-Mount</td>
<td>Center-loaded. Stainless steel spring and whip.</td>
</tr>
<tr>
<td>14</td>
<td>Base Omnidirectional ½-Wave</td>
<td>Fiber-glass. Has 16-ft. radiator. Mount bracket. Fits masts up to ¾” dia.</td>
</tr>
</tbody>
</table>

### Radio Shack Has Quality CB Accessories for All Your Needs

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dual-Chain Antenna Mount</td>
<td>Fits most bumpers. Vinyl chain cover.</td>
</tr>
<tr>
<td>2</td>
<td>Under-Dash Mount</td>
<td>CB slides off bracket for safe storage.</td>
</tr>
<tr>
<td>3</td>
<td>Magnetic Mike Holder</td>
<td>21-1130</td>
</tr>
<tr>
<td>4</td>
<td>Mike Clip</td>
<td>With screws.</td>
</tr>
<tr>
<td>5</td>
<td>Portable Hump Mount</td>
<td>Attaches to transmission hump.</td>
</tr>
<tr>
<td>6</td>
<td>Gutter Clamp</td>
<td>21-911</td>
</tr>
<tr>
<td>7</td>
<td>Mirror/Luggage Rack Bracket</td>
<td>For whips with std. ¾”-dia. thread.</td>
</tr>
<tr>
<td>8</td>
<td>12VDC 48” Replacement Cord</td>
<td>3-pin plug</td>
</tr>
<tr>
<td>9</td>
<td>Dynamic Mike</td>
<td>DIN-plug</td>
</tr>
<tr>
<td>10</td>
<td>Extension Speaker</td>
<td>10-ft. cable with ¼” mini-plug. 5 watts, 8 ohms.</td>
</tr>
<tr>
<td>11</td>
<td>Coaxial Cable Assemblies</td>
<td>2-ft. RG58/U, 278-968</td>
</tr>
<tr>
<td>12</td>
<td>Back-of-Set CB Antenna</td>
<td>21-921</td>
</tr>
<tr>
<td>13</td>
<td>102” Stainless Steel Whip</td>
<td>21-903</td>
</tr>
<tr>
<td>14</td>
<td>102” Fiberglass Whip</td>
<td>21-905</td>
</tr>
<tr>
<td>15</td>
<td>48” Fiberglass Whip</td>
<td>21-934</td>
</tr>
<tr>
<td>16</td>
<td>Stainless Steel Whip</td>
<td>Replaces Radio Shack 21-904/908/940, 21-952</td>
</tr>
<tr>
<td>17</td>
<td>Stainless Steel Spring</td>
<td>Chrome-plated.</td>
</tr>
<tr>
<td>18</td>
<td>Ball Mount</td>
<td>21-1115</td>
</tr>
<tr>
<td>19</td>
<td>Antenna Hold-Down Clip</td>
<td>Clips to car roof rain gutter.</td>
</tr>
<tr>
<td>20</td>
<td>Antenna Feedthrough</td>
<td>For whips or coils with standard ¾”-dia. thread. Fits mount plates up to ¼” thick.</td>
</tr>
<tr>
<td>21</td>
<td>Feedthrough/Adapter</td>
<td>One end accepts standard PL-259 connector and the other end accepts whip or coil with ¾”-dia. thread.</td>
</tr>
<tr>
<td>22</td>
<td>SWR/Field Strength Meter</td>
<td>Reads SWR to 1kW and RF field strength.</td>
</tr>
</tbody>
</table>
Realistic® CB Walkie-Talkies Keep You in Touch

Two-Way Radios for Fun, On-the-Job and Travel

(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. 6 1/4 x 3 x 1 3/4”. Requires 9V battery. 21-1609

(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. 8 3/4 x 3 x 1 7/8”. Requires 6 “AA” batteries. 21-1611

(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. 10 1/4 x 3 1/4 x 2 1/2”. Requires 8 “AA” batteries or 10 rechargeable batteries. TSP available. 21-1638

(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. 10 1/4 x 3 1/4 x 2 1/2”. Requires 8 “AA” batteries or 10 rechargeable batteries. TSP available. 21-1639

(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, high/low power saver switch. Jacks for antenna, battery charger and external speaker. With Channel 14 crystals. Add optional crystals for five more channels. 7 1/2 x 2 1/2 x 2 1/2”. Requires 8 “AA” batteries or 10 rechargeable batteries or DC adapter. TSP available. 21-1640

(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, high/low power battery-saver switch. External antenna and battery charger jacks. 7 1/2 x 2 1/2 x 2 1/2”. Requires 8 “AA” batteries or 10 rechargeable batteries or DC adapter. TSP available. 21-1644

(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, high/low 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 x 3 1/2 x 2 1/4”. Requires 8 “AA” batteries or 10 rechargeable batteries or DC adapter. TSP available. 21-1663

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!

<table>
<thead>
<tr>
<th>Channel</th>
<th>Cat. No.</th>
<th>Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>21-1205</td>
<td>4.98</td>
</tr>
<tr>
<td>9</td>
<td>21-1202</td>
<td>4.98</td>
</tr>
<tr>
<td>11</td>
<td>21-1207</td>
<td>4.98</td>
</tr>
<tr>
<td>19</td>
<td>21-1219</td>
<td>4.98</td>
</tr>
<tr>
<td>30</td>
<td>21-1230</td>
<td>4.98</td>
</tr>
<tr>
<td>35</td>
<td>21-1235</td>
<td>4.98</td>
</tr>
</tbody>
</table>

Accessories

(1) Carry Case. For walkie-talkies. 20-004
(2) Flexible Antenna. 21-960
(3) Regulated 12VDC Supply. Rated 2.5 amps. UL listed AC. 22-120
(4) Charger. For 12-15V NiCd batts. UL 21-516
(5) 12VDC Power Cord. 8 foot. Neg. gnd. 270-1533

AN FCC LICENSE IS NO LONGER REQUIRED FOR OPERATING CB EQUIPMENT—ANYONE CAN USE CB
# CB Radios and Multiband Portables

## "Road Emergency" 2-Way Radio System

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
</table>
| TRC-409 | 69.95 | - Call for help from inside your car. <br>- Fitted case stores easily under seat or in trunk. <br>- 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. |}

## Mobile CB/Weatheradio Receiver

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
</table>
| TRC-475 | 89.95 | - All CB Channels and 3 Weather Channels <br>- Snap-On Battery Pack <br>- Fitted case stores easily under seat or in trunk. |}

## Mobile/Base Station 2-Way CB Radio With Direct Entry and Last-Channel Recall

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
</table>
| TRC-434 | 139.95 | - Instant Keypad Access to All Channels <br>- AC/DC Operation <br>- Channel 9 and 19 Priority Keys <br>- Last-Channel Recall Key <br>- 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. 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. |}

## Portable Direct-Entry, All-Band Receiver

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
</table>

## 9-Band Communications Receiver

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
</table>
| DX-360 | 79.95 | - 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. 1/2" 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 13¼". Requires 4 "AA" batteries or AC or DC adapter. 20-208. |}

*Prices apply at participating Radio Shack stores and dealers.*
Revolutionary Concept in FM Walkie-Talkies

- 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

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.

69.95
TSP Available

21-404
Pair 89.95

Voice-Actuated Pocket-Size FM Walkie-Talkies

Voice-Actuated FM Headset Walkie-Talkies

Pocket-Size FM Walkie-Talkies For Keeping in Touch Anywhere

69.95
Pair

69.95
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 actuation—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.

49.95
Each

49.95
TSP Available

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.

24.95

24.95
Each

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.

39.95

39.95
Each

TSP Available

For Keeping in Touch Anywhere

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

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 with Amateur Radio. Explains everything you need to know to properly select and use your Custom Antenna System. 112 pages. 62-1083 3.95

Understanding Artificial Intelligence. Covers symbolic processing, expert systems, systems applications, more. 272 pages. 62-1399 3.95

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Hear it First on a Programmable Scanner

Breakthrough for Listeners on a Budget

NEW FOR $89

139.95 Low As $15 Per Month
TSP Available
Available Sept. 30, 1988

- 10 Channels
- Compact—Only 23/4 x 7 3/4 x 6 7/8"
- 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

179.95 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 for external antenna. 20-118

179.95

20 Channels & Fluorescent Display

219.95 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. 2 3/8 x 10 1/2 x 7 1/8". UL listed AC. 20-114

219.95

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.

Our Finest! 300 Channels, Extended Frequency Coverage to 1300 MHz!

419.95
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 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, 1/4" external speaker, phono-type tape out, BNC antenna input, external DC power. Memory backup requires 9V battery. 2⅞ x 10⅜ x 8⅛". UL listed AC (or 12VDC cable, extra). 20-119 . . . . . . . 419.95

200 Channels, 108-136 MHz Aircraft Band, Search and Priority Functions

329.95
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 transferred 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, BNC antenna input, external DC power, 9V battery. 3⅞ x 10¼ x 8¾". UL listed AC (or 12VDC power cable, extra). 20-113 . . . . . . . 329.95

Fact-Packed “Police Call” Frequency Guides

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Nine Regional Editions
Available Through Your Local Radio Shack

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Portable Programmable Scanner Radios

Our Best! 200 Channels and Keyboard Access To 23,684 VHF and UHF Frequencies

329.95
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 superior 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 3/4 x 2 5/8 x 1 3/8”, Requires 6 “AA” alkaline or rechargeable batteries, AC adapter or DC adapter.

20-135... 329.95

Twenty Channels And Lighted Display

199.95
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 3/4 x 2 5/8 x 1 3/8”. Requires 6 “AA” or rechargeable batteries, AC or car DC adapter.

20-134... 199.95

Ten Channels and 10-Band Coverage

139.95
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 x 2 5/8 x 1 3/8”. Requires 5 “AA” or rechargeable batteries, AC adapter/charger or DC adapter.

20-139... 139.95

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Crystal-Controlled Scanners & Receiver

Two-Channel Monitor Receiver

49.95
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. 4 1/8 x 2 3/4 x 1 1/16". 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

99.95 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-Low, 144-174 MHz VHF-Hi/Low, 450-470 and 470-512 UHF-Hi/Lo. Features scan-delay, individual channel lockouts, squelch control and built-in speaker. 7 1/2 x 3 3/4 x 1 1/8". 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 54.95

Eight-Channel, 4-Band tabletop Scanner

99.95
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-Low and 470-512 MHz UHF-Hi. Has LED channel indicators, built-in speaker, telescoping antenna and headphone jack for personal listening. 19 7/16 x 6 5/16 x 5 7/16". 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. Center loaded. Extends from 16" to 40". Motorola-type plug. 20-161 9.95
(2) VHF/Air/UHF 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 1 1/8" 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 1/6" plugs. 20-210 9.95

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

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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 $57.27 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 $55.20 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 $67.67 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

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Brooklyn
Chicago
Cincinnati
Cleveland
Columbus
Dallas
Denver
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Downey
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Indianapolis
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Kansas City
Long Island
Los Angeles
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Memphis
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Minneapolis
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Norfolk
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Portland
Sacramento
San Antonio
San Diego
San Francisco
Seattle
St. Louis
Tampa
Tulsa
Van Nuys
Washington D.C.
Affordable Multifeature Telephones

30-Number Automatic Dialing
Plus Three Priority-Call Buttons

69.95
With Speakerphone
TSP Available

DUOFOE-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.

32-Number Auto-Dialing And LCD Display

99.95
With Speakerphone
TSP Available

DUOFOE-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.

Speakerphone With Directory And Auto-Dialing

119.95
Low As $15 Per Month*
TSP Available

DUOFOE-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.

Memory Dialing Featurephone With Conference Calling

99.95

New For 89

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

Each 99.95

Two Lines, 30-Number Memory, LCD and Built-In Speakerphone

159.95
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

DUOFOE-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-Rodial calls busy phone up to 10 times. Includes UL listed AC adapter. Requires 4 "AA" batteries for memory backup.

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Make Radio Shack Your Telephone Company®

One-Piece Mini-Fone

19.95 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

Desk/Wall Slim-Fone®

21.95

Base Rests on Desk Or Mounts on Wall


Mini Wall Telephone

39.95

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

Linear Big-Button Telephone

39.95

Selective 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

Contemporary Phone For Desk or Wall

34.95

Touch-Tone/Pulse Dialing

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

Trim-Fone™ With Lighted Dial

39.95

Switchable Touch Tone or Pulse Dialing


Desk Telephone With Hold Button

39.95

Available in Four Popular Colors NEW FOR 89

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

Telephone With Amplified Handset

49.95

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

RADIO SHACK PHONES ARE FCC REGISTERED AND READY TO PLUG IN WITH STANDARD MODULAR CONNECTORS / MOST MODELS HEARING-AID COMPATIBLE
Phones for Every Budget, Style and Need

20-Memory Compact Slim-Fone

NEW FOR $27.95

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

Santa Fe™ Fashion-Fone With Memory

NEW FOR $49.95

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

Sleek 30-Memory Phone

NEW FOR $49.95

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

NEW FOR $49.95

Programmable Touch-Tone Or Pulse Dialing
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) 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


(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


TANDY SERVICE PLAN AVAILABLE FOR ALL RADIO SHACK TELEPHONES. SEE PAGE 83 FOR TONE/PULSE DIALING INFO
Values in Multiline Phones for Home or Office

Four-Line Telephone System Installs Easily And is Expandable Up to 12 Extensions

**119.95 Each**

- 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

Low As $15 Per Month

**119.95 Each**

- Conference Button For 3-Way Calls
- LED Ring/Hold Indicators

**Two-Line Desk Fashion-Fone®**

**59.95 Each**

- Conference Button For 3-Way Calls
- LED Ring/Hold Indicators

**Two-Line Desk Fashion-Fone®**

**79.95 Each**

- Expandable for Use on Up To Five Extensions
- Line Status at All Stations
- Touch-Redial

**Two-Line Trim-Fone™**

**59.95 Each**

- Switchable Touch-Tone or Pulse Dialing
- Hold Button
- Illuminated Keypad

**Two-Line Trim-Fone™**

**59.95 Each**

- Hold Button Works On Both Lines

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. 2¾ x 8 x 6¾”. 43-620

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. 5¾ x 9”. 43-373

ET-181 Mini Wall-Mount Phone. As above, but mounts on modular wall plate. Detachable handset cord. 8¾ x 4 x 4¼”. 43-372

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. 3¾ x 3¾ x 8¾”.

White, 43-613. Brown, 43-614

**Two-Line Auto-Dialing**

**69.95 Each**

- Memory Stores and Dials 20 Numbers Up to 16 Digits Each
- LED Ring/Hold Indicators
- For Desk/Wall

**Two-Line Auto-Dialing**

**69.95 Each**

- 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. 4¾ x 6¼ x 8¼”. 43-533

Radio Shack ET-183. 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. 4¾ x 6¼ x 8¼”. 43-533

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. 2¾ x 8 x 6¾”. 43-620

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. 5¾ x 9”. 43-373

ET-181 Mini Wall-Mount Phone. As above, but mounts on modular wall plate. Detachable handset cord. 8¾ x 4 x 4¼”. 43-372

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. 3¾ x 3¾ x 8¾”.

White, 43-613. Brown, 43-614

**Two-Line Auto-Dialing**

**69.95 Each**

- 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. 4¾ x 6¼ x 8¼”.

Radio Shack ET-183. 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. 4¾ x 6¼ x 8¼”.
Phones With Handy Built-In Intercoms

Four-Line System With Wireless FM Intercom—Expandable to 12 Stations

$149.95
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

**DUOFONE 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. 4 3/4 x 7 7/8 x 8 3/4" UL listed AC. 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

$99.95
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

**DUOFONE 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 ringer controls 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. 4 1/8 x 6 1/8 x 9" Includes UL listed AC adapter. Memory backup requires 2 “AAA” batteries. Per Station 99.95
Cordless Phones From Our Telephone Booth®

Two-Line With 30-Number Memory And Amplified Receiver

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, 8 3/8 x 2 1/8 x 2". Base, 17/8 x 4 x 9". UL listed AC. 43-560 159.95

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, 8 1/8 x 2 1/8 x 1 1/4". Base, 3 1/4 x 3 x 9". UL listed AC. 43-547 99.95

With 60-Number Memory and Intercom

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, 8 5/8 x 2 3/8 x 1 1/4". Base, 2 x 5 3/8 x 9". 43-553 149.95

Tone/Pulse Dialing Cordless

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, 8 1/8 x 2 1/8 x 1 1/4". Base, 3 1/4 x 3 x 9". UL listed AC. 43-547 99.95

Security Code Prevents Others From Using Your Line

Clear 46/49 MHz Operation to Reduce Interference

Carry Case

Flexible Antenna

Hooks On Belt Loop

Installs in Seconds

Provides protection and portability for Radio Shack and other cordless phone handsets. 43-190 5.49

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, 8 5/8 x 2 3/8 x 1 1/4". Base, 2 x 5 3/8 x 9". 43-553 149.95

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

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, 8 1/2 x 2 x 2 1/4". Base, 2 1/8 x 4 1/2 x 10". 43-562 129.95

Available Nov. 30, 1988

Our Lowest Priced Tone/Pulse Dialing Cordless With Security Code

- 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 x 2 1/4 x 1 3/4". Base, 2 x 3 3/8 x 9 1/2". UL listed AC. 43-544 79.95

Folding Pocket-Size With Page Button

- 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 x 2 1/2 x 1 3/4". Base, 2 x 5 7/8 x 9 1/4". UL listed AC. 43-556 119.95

Low As $15 Per Month* TSP Available

*Revolving Credit Available
See Page 3
### Voice-Synthesized Answerer

**Radio Shack - Answering America’s Calls**

**Voice-Synthesized Answerer**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DU6FONE TAD-241</td>
<td>Records up to sixty 30-second messages on one standard size cassette.</td>
<td>Dual Cassettes, Call-Monitor, VOX, CPC</td>
<td>$89.95</td>
</tr>
<tr>
<td>DU6FONE TAD-325</td>
<td>“Beeperless”. Turn unit on/off, review messages, reset tape to record, backspace, fast-forward, rewind, or change announcement from any Touch-Tone phone, or from a rotary-dial phone using most pocket dialers.</td>
<td>Programmable Security Code, Toll-saver, remote turn-on/off, Call-monitor, dual cassettes, announce-only mode</td>
<td>$139.95</td>
</tr>
<tr>
<td>DU6FONE TAD-330</td>
<td>Answers two separate lines—just the thing for small businesses or homes with adults/kids’ lines.</td>
<td>Programmable security code, Toll-saver, remote turn-on/off, Call-monitor, dual cassettes, announce-only mode</td>
<td>$199.95</td>
</tr>
<tr>
<td>DU6FONE TAD-320</td>
<td>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.</td>
<td>Programmable security code prevents unauthorized remote use.</td>
<td>$299.95</td>
</tr>
</tbody>
</table>

**Microprocessor-Controlled**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DU6FONE TAD-312</td>
<td>Microprocessor handles all functions quickly and smoothly.</td>
<td>Voice Activation (VOX) and Calling Party Control (CPC), Remote Turn-On, Dual Cassettes, Call-Monitor</td>
<td>$99.95</td>
</tr>
<tr>
<td>DU6FONE TAD-311</td>
<td>All features above, without remote message retrieval</td>
<td></td>
<td>$79.95</td>
</tr>
</tbody>
</table>

**New for $89**

**59.95**

Voice-Synthesizer Delivers Preprogrammed Announcement in Man’s or Woman’s Voice

**New For $89**

**59.95**

TSP Available

**Multifunction Touch-Tone Remote**

**119.95**

Low As $15 Per Month

- Dual Cassettes
- Programmable Security Code

**Two-Line With “Beeperless” Remote**

**139.95**

Low As $15 Per Month

- Touch-Tone Remote With Security Code

**Remote Plus Voice Synthesizer**

**199.95**

Low As $15 Per Month

- Synthesized Voice Announces Number, Date and Time of Each Message

**Radio Shack - Answering America’s Calls**

Voice-Synthesized Answerer

**Voice-Synthesized Answerer**

**NEW FOR 89**

**59.95**

TSP Available

Voice-Synthesizer Delivers Preprogrammed Announcement in Man’s or Woman’s Voice

DU6FONE 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. Single-knob function control, fast-forward, rewind-erase, volume control, and announce-only mode. 3 x 9 1/2 x 6 1/8" UL listed AC. Remote includes RS357A batteries. Extra remotes available on special order. 43-391

99.95

Low As $15 Per Month

- Voice Activation (VOX) and Calling Party Control (CPC)
- Remote Turn-On
- Dual Cassettes
- Call-Monitor

DU6FONE 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 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 x 9 1/2 x 6 1/8" UL listed AC. Remote includes RS357A batteries. Extra remotes available on special order. 43-391

DU6FONE TAD-311. All features above, without remote message retrieval. 43-390

79.95

TSP Available

**DU6FONE ANSWERERS ARE FCC REGISTERED / NOT FOR COIN OR PARTY LINES**
How to Be in Touch Even When You’re Out

Get a Radio Shack Answerer—With ‘Extras’ Others Don’t Give You

Our DU6FONE answerers have the features you need to get the message everyday—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.

Dual-Microcassette Answerer With “Important Call” Breakthrough

Touch-Tone Remote With “Important Call” Breakthrough “Beeps” to Signal Someone at Home to Answer Phone

129.95
Low As $15 Per Month*
TSP Available

DU6FONE 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. 2¼ x 8½ x 6¼". UL listed AC. 43-394 129.95

Remote Control Answerer/Telephone With Speakerphone and Memory

TSP Available

179.95
Low As $15 Per Month*

- "Beeperless" Remote Control
- Voice-Activated Recording
- Dual-Microcassette Design

DU6FONE 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

Announcement & Message 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

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

See Page 83 for Important Information on Touch-Tone and Pulse Dialing
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pocket Tone Dialer With 60-Number Memory</strong></td>
<td>39.95</td>
</tr>
<tr>
<td>- Memory Stores 60 Numbers of 16 Digits</td>
<td></td>
</tr>
<tr>
<td>- LCD Display Shows Number Being Dialed</td>
<td></td>
</tr>
<tr>
<td>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. 4⅛ x 2⅜ x ⅜. Requires 3 &quot;AAA&quot; batteries.</td>
<td></td>
</tr>
<tr>
<td><strong>Universal Hands-Free Telephone Headset</strong></td>
<td>59.95</td>
</tr>
<tr>
<td>- Tandy Service Plan Available</td>
<td></td>
</tr>
<tr>
<td>- A Must for Anyone Who Needs To Keep Their Hands Free During Phone Conversations</td>
<td></td>
</tr>
<tr>
<td>- Works on Most Phones With Modular Handset Cord</td>
<td></td>
</tr>
<tr>
<td>DUÔFONE® 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 &quot;AA&quot; batteries.</td>
<td></td>
</tr>
<tr>
<td><strong>33-Number Memory Pocket Tone Dialer</strong></td>
<td>21.95</td>
</tr>
<tr>
<td>- Saves You Money</td>
<td></td>
</tr>
<tr>
<td>Access low-rate, long-distance services from almost any phone. Use for tone-activated dictation machines, remote answerers and auto-patches. Three priority memories for one-button dialing. Low battery indicator. Index on the back. 4⅛ x 2⅜ x ⅜. Requires 3 &quot;AAA&quot; batteries.</td>
<td></td>
</tr>
<tr>
<td><strong>Electronic Phone Amplifier System</strong></td>
<td>39.95</td>
</tr>
<tr>
<td>- TSP Available</td>
<td></td>
</tr>
<tr>
<td>DUÔFONE 102. Enjoy hands-free, two-way conference calls. High-speed automatic talk/listen switching. Privacy button. 2 x 6⅛ x ¾. Phone line powered. Jack for AC adapter (#273-1455, may be required on low-current phone lines).</td>
<td></td>
</tr>
<tr>
<td><strong>Low-Cost Pocket Tone Dialer</strong></td>
<td>14.95</td>
</tr>
<tr>
<td>- The Perfect Beeper For Beeperless Answering Machines</td>
<td></td>
</tr>
<tr>
<td>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. 3¾ x 2⅛ x ⅜. Requires 3 &quot;AAA&quot; batteries.</td>
<td></td>
</tr>
<tr>
<td><strong>Budget-Priced Speaker/Amp</strong></td>
<td>24.95</td>
</tr>
<tr>
<td>- Hands-Free 2-Way Phone Conversations</td>
<td></td>
</tr>
<tr>
<td>Enjoy group conversations at work or home—plugs into modular jack. Phone line powered. Volume control, privacy/sensitivity pushbuttons, 5-foot cord, modular plug. 3⅛ x 6 x 3⅛.</td>
<td></td>
</tr>
<tr>
<td><strong>Portable Phone Listener</strong></td>
<td>8.95</td>
</tr>
<tr>
<td>Amplifies Calls So Others Can Listen</td>
<td></td>
</tr>
<tr>
<td>Works with most phones. Suction cup pick-up, volume control. 1⅜ x 3⅛ x 4⅛. Requires 9V battery or AC adapter (#273-1431).</td>
<td></td>
</tr>
<tr>
<td><strong>Snap-On Handset Amp</strong></td>
<td>10.95</td>
</tr>
<tr>
<td>Easy To Use</td>
<td></td>
</tr>
<tr>
<td>Boosts caller's voice up to five times normal volume. Hearing aid compatible. Volume control. 2⅛ x 2⅛ x 1⅛. Requires &quot;N&quot; battery.</td>
<td></td>
</tr>
<tr>
<td><strong>Compact Handset Amp</strong></td>
<td>19.95</td>
</tr>
<tr>
<td>Plugs Into Modular Jack</td>
<td></td>
</tr>
<tr>
<td>Attaches to most phones and boosts caller's voice. Volume, tone controls. 2½ x 4 x 1. Requires 9V battery.</td>
<td></td>
</tr>
<tr>
<td>Not for use on phones with dial in handset. May be incompatible with some electronic phones.</td>
<td></td>
</tr>
</tbody>
</table>

TELEPHONE AMPLIFIERS AND AUTO-DIALERS MAY NOT OPERATE ON SOME MULTILINE SYSTEMS
Extra-Feature Telephone Accessories

**DUOFONE® Paging Module for Public Address**

Paging From Your Own Phone

**NEW FOR $99**

**59.95**

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.) 1 7/8 x 3 1/2 x 5 1/4". Includes UL listed AC adapter. 43-183

**Computerized Phone Accounting System**

- 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

**DUOFONE 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 x 5 7/8 x 6 1/4". UL listed AC. Backup requires 4 "AA" batteries. 43-152

**Remote Control, 2-Line Forwarding System**

- 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

**DUOFONE 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. 1 1/2 x 3 1/2 x 7 3/4". Includes UL listed AC adapter. Backup requires 6 "AA" batteries. 43-155

SEE PAGE 83 FOR IMPORTANT INFORMATION ON TOUCH-TONE AND PULSE DIALING

---

- Revolving Credit Available
- See Page 3
Radio Shack Quality Will Keep You Talking

The First Low-Cost Telephone Tester/Analyzer

![Image of the Telephone Tester/Analyzer]

- 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

**299.95 Low As $15 Per Month.**

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 two-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

<table>
<thead>
<tr>
<th>Spike Protector</th>
<th>12.95</th>
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<tbody>
<tr>
<td>Helps prevent electrical damage to single-line phone equipment. Protects against voltage spikes on line. For devices using RJ11C modular jacks. 43-102</td>
<td>12.95</td>
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<table>
<thead>
<tr>
<th>Four-Line Tap</th>
<th>19.95</th>
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<tr>
<td>Simple To Use</td>
<td>Add single-line devices to your 1A2-type multiline phone system. 1½ x 2¼ x 4&quot;. 43-270...19.95 Line-1 Tap. 43-271...14.95</td>
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<table>
<thead>
<tr>
<th>Controller and Adapter for Two Lines</th>
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<tr>
<td>With Hold Button (1) Controller. Auto-switches single-line device between two lines. With ringing/hold LEDs. 2½ x 3½ x 3&quot;. 43-380...34.95 (2) Adapter. Use single-line phone answering device on two lines. Automatic switching. 43-383...19.95</td>
<td>34.95</td>
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<table>
<thead>
<tr>
<th>Phone Shoulder Rest</th>
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<tr>
<td>NEW FOR 89 Available Sept. 30, 1988</td>
<td>5.49</td>
</tr>
<tr>
<td>Helps support your shoulder and arm during long phone calls. Write as you talk. Adjusts to fit most types of phone handsets. 43-119...5.49</td>
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<table>
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<tr>
<th>Handy Accessories</th>
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<tr>
<td>Phone not incl.</td>
<td>Ringer Silencer. On/off switch, 7-foot modular cord. 43-127...7.95 Pen and Holder. Stick-on. 43-110...89c</td>
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<table>
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<tr>
<th>Wiring Two-Station Intercom</th>
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</thead>
<tbody>
<tr>
<td>Saves Time And Steps</td>
<td>Battery-powered, wired system for noise-free conversation in home, shop, camper or boat. Remote can signal master even when system is &quot;off&quot;. For desk or mount on wall with screw-slots. Includes 66-foot cable and staple fasteners. Each 1½ x 3½ x 4½&quot; Requires 9V battery. 43-222...14.95</td>
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<table>
<thead>
<tr>
<th>Wired Four-Station Intercom</th>
<th>24.95</th>
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</thead>
<tbody>
<tr>
<td>Noise-Free Wired System</td>
<td>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, 1½ x 4½ x 4½&quot; Requires 9V battery. 43-223...24.95</td>
</tr>
</tbody>
</table>

**MULTILINE DEVICES MAY NOT WORK WITH ELECTRONIC PHONE SYSTEMS / ALL APPLICABLE EQUIPMENT FCC REGISTERED**
**Wall Plates, Jacks, Plugs & Adapters**

1. Round Modular Wall Jack. 279-392...
2. Rectangular Modular Wall Jack. 279-352...
3. Dual Wall Plate. For up to four separate lines or two phones with the same number. 279-350...
4. Wall Phone Plate. Accepts standard modular wall phones. 279-387...
5. Quick-Connect Jack. Converts wall block for use with modular plug. 279-340...
6. Modular Jack with Wiring Block. 279-349...
7. Modular Jack. As above, with snap-on clips. 279-386...
8. Entrance Bridge. Provides distribution or connecting point with screw terminals. 279-338...
9. Outdoor Wall Plate. Modular jack with flip-up cover. 279-340...
10. Surface-Mount Modular Jack. 279-353...
11. Surface-Mount Modular Jack. 279-355...
12. Six-Wire Surface Mount Jack. 279-415...
13. Quick-Plug. Use older phones with modular jacks. Accepts spade lugs or bare leads. 279-375...
14. Duplex Jack. Couples two modular devices into one jack. 279-357...
15. Cord Adapter. Converts modular plug to 4-prong. 279-351...
16. 42A Connector Block. Terminals for spade lugs, bare wire. 279-389...
17. Quick-Connect Modular Plug. Just push color-coded wires into corresponding holes and screw down cap. 279-330...
18. Plug Adapter. Converts 4-prong plug to modular plug. 279-333...
19. Inline Coupler. Interconnects two modular line cords. 279-335...
20. Modular Duplex Wall Phone Adapter. Install a wall phone, plus a phone accessory, using the existing wall jack. 279-338...
21. Five-Outlet Modular Adapter. Connects up to five devices into one modular jack. 279-410...
22. Four-Prong Jack. Accepts standard 4-prong plug. 279-337...
23. Four-Prong Plug. Fits standard 4-prong jack above. 279-336...

**Tools and Cables**

### Modular Handset Cords

<table>
<thead>
<tr>
<th>Color</th>
<th>Cat. No.</th>
<th>Each</th>
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<tbody>
<tr>
<td>White</td>
<td>279-301</td>
<td>5.95</td>
</tr>
<tr>
<td>Almond</td>
<td>279-302</td>
<td>5.95</td>
</tr>
<tr>
<td>Beige</td>
<td>279-303</td>
<td>5.95</td>
</tr>
<tr>
<td>Brown</td>
<td>279-304</td>
<td>5.95</td>
</tr>
<tr>
<td>Gray</td>
<td>279-305</td>
<td>5.95</td>
</tr>
<tr>
<td>Black</td>
<td>279-306</td>
<td>5.95</td>
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</table>

**Modular Line Cords**

### Modular Dual-Jack Extension Cords

- 18-Ft. Coiled Modular-to-Modular. 279-339...
- 12-Ft. Modular-to-Modular. 279-374...
- 25-Ft. Modular-to-Modular. 279-335...
- 5/4" Modular-to-Modular. 279-390...
- 25-Ft. Modular-to-Spade. 279-364...
- 12" Modular-to-Spade. 279-391...
- 12-Ft. Modular-to-Spade. 279-310...

**Crimping Equipment**

- Wire Stripping Tool. 279-400...
- Spade Lugs. Insulation piercing. 64-3070...
- Butt Connector. Insulated. 64-3073...
- 50-Ft. 4-Cond. Coastal Cable. 279-372...
- 100-Ft. Four-Conductor Cable. 279-373...
- Four-Conductor Bulk Cable. 279-1320 Per Ft. 147...
- 100 Feet Modular Cable. 279-366...
- Weather-Sealed Splice Connector. 64-3080...

**Eight-Terminal Wall Box**

- Accepts plates above and most other security and television wall-plates. Mounts on wall stud or wallboard. 279-341...

**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...
2. Three-Way Jack. Adds two single-line RJ11 connections to a 2-line RJ14 jack, without losing 2-line device connection. 279-402...

**Cord Untangler**

- Swivel device fits all standard modular phones, installs in seconds. Plugs into handset or base. 279-399...
Plug 'n Talk® FM Wireless Intercom Systems

Portable Cordless Room Monitor

39.95 Set

Just Plug Into AC Outlet—No Wiring To Install

TSP Available

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

69.95 Pair

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 x 63/4 x 43/4" UL listed AC. 43-212 .................................. Pair 69.95

Wireless Room Monitoring System

24.95 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. 13/8 x 3 x 33/8". UL listed AC. 43-208 .................................. Set 24.95

43-208

Budget-Priced 2-Station System

39.95 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. 13/8 x 57/8 x 4". UL listed AC. 43-207 .................................. Pair 39.95

Our Finest! Wireless 3-Station, 3-Channel Intercom and Monitor

Set of 3 99.95 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. 13/8 x 513/16 x 43/8" UL listed AC. 43-218 ................................. Set of 3 99.95
Electronics to Always Keep You In Touch

Add “Intercom” and “Hold” to Any Phone In Your Home With This System

49.95
Pair
TSP Available

Ends Running From Room to Room When Someone Else Has a Phone Call

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. 1¾ x 5¼ x 4”. UL listed AC. 43-206. Pair 49.95

Eight-Channel, 1-Way Wireless Personal Paging System for Business or Home

99.95
Low As $15 Per Month *

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, 2¾ x 2¼ x 1¾’, is UL listed for AC operation. Receiver, 4 x 2¼ x 1⅛”, requires 3 “AAA” batteries. 49-710. 99.95
Extra Receiver. 49-711. Each 29.95

Tandy® Personal Pocket Pager

99.95
Low As $15 Per Month *

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 ½” 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

THERE’S ALWAYS A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU LIVE OR GO IN THE U.S.A.
**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.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>6-11</th>
<th>12-49</th>
<th>50-499</th>
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<tr>
<td>Antennas, TV/FM</td>
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<td>Audio Components ( Receivers, Amps, Tuners, Changers, Speakers, Headphones, Equalizers &amp; CD Players)</td>
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<td>20%</td>
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<td>Audio Accessories</td>
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<td>Auto Tape Players, Radios, Accessories</td>
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<td>Batteries (other brands)</td>
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<td>Calculators</td>
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<td>CB (Base, Mobile, Walkie-Talkies)</td>
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<td>12%</td>
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<td>Computers (Pocket, Color, Tandy 102)</td>
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<td>Intercoms</td>
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<tr>
<td>Kits (Science Fair and Archer/Kits)</td>
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<tr>
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**Discount Prices and Terms Optional in Dealer/Franchise Stores—Discount Prices Subject to Change Without Notice**
PARTS AND LABOR COVERAGE EXTENDING OUR LIMITED WARRANTY TO A TOTAL OF 5 YEARS IN MANY CASES

Price breaks are based on CURRENT ANNUAL CATALOG price. Sale prices do not apply. 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)

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 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

Colorfully Styled Waker-Upper With LED Display and Snooze

29.95
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. 4 1/8 x 6 1/4 x 4 1/4". UL listed AC. 12-1569

Dual Alarms and LED Display

37.95
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, 1/8" earphone jack. 2 1/8 x 9 x 5 5/8". UL listed AC. 12-1564

Budget-Priced Fluorescent

27.95
"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. 2 5/8 x 10 x 6 1/8". UL listed AC. 12-1561

Latest Styling, Bargain Price

24.95
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. 2 5/8 x 10 x 6 1/8". UL listed AC. 12-1560

Lowest Priced Clock Radio

19.95
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 2 1/4" speaker. Attractive low-profile styling. 1 7/8 x 7 1/4 x 4 1/8". UL listed AC. 12-1568

USE OUR ENERCCELL 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.

**AM/FM Stereo, Dual Alarms**
- On-Top 3” Speakers
- Stereo Headphone Jack

(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, 1/6” stereo headphone jack, terminals for adding an external 300-ohm FM antenna. 2 3/16 x 10 5/16 x 3 1/2”. UL listed AC. 12-1559 . . . . 49.95

**Fluorescent With Dual Alarms**

Easy-to-Reach Up-Front Controls

(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, 3 3/16” speaker, 1/6” headphone jack. 3 3/16 x 10 5/16 x 6 1/16”. UL listed AC. 12-1567 . . . . 47.95

**Dual Alarms, Large Display**

Dual-Alarm Settings With Independent Wake-Up Times

(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, 3 1/8” speaker, 1/6” earphone jack. 3 3/16 x 10 5/16 x 6 1/16”. UL listed AC. 12-1566 . . . . 44.95

**Contemporary Dual Alarm**

Easy-to-Read Fluorescent Display

(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, 1/6” earphone jack. 2 3/16 x 9 7/16 x 5 1/16”. UL listed AC. 12-1565 . . . . . . . . 39.95
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

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. 1/8” stereo headphone jack. And our exclusive Battery Backup/Sentinel keeps you on time if AC fails. Walnut vinyl veneer finish. 4 3/4 x 13 3/4 x 6 7/16. UL listed AC. 12-1563

79.95

AM/FM Clock Radio/Telephone

- Built-In Pushbutton Telephone With Switchable Touch-Tone or Pulse* Dialing
- Battery Backup/Battery Sentinel

Realistic Chronophone®-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 1/8” earphone jack for late-night listening. Exclusive Battery Backup/Sentinel system keeps you on time even if AC fails. 3 1/2 x 7 1/4 x 8”. With phone on cradle, UL listed AC. Phone is FCC registered. 12-1562

49.95

Under-Cabinet AM/FM Digital Clock Radio

- 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. 2 7/8 x 12 x 6 7/16. UL listed AC. 12-1570

49.95
### Desktop Weather and Time Receiver

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Features</th>
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</thead>
</table>

### Desktop Weatheradio Entertainment for Any Room

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Features</th>
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</thead>
</table>

### Handy Table Radio Entertainment for Any Room

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our Pocket Weatheradio</td>
<td>$21.95</td>
<td>Tops for travelers and campers. Crystal controlled for drift-free reception. Up to 50 miles away. Requires 9V battery.</td>
</tr>
<tr>
<td>Weather on a Desk</td>
<td>$24.95</td>
<td>Up to 50-Mile Range. Tap the Play-bar for weather information. Requires 9V battery or AC adapter.</td>
</tr>
<tr>
<td>Weatheradio Cube</td>
<td>$17.95</td>
<td>The Original! Pre-Set Controls. Only Three inches Square. Tap Play-bar for weather stations up to 25 miles away.</td>
</tr>
</tbody>
</table>
STEREO-MATE® Personal Receivers and Radios

AM/FM STEREO-MATE Receiver
With Digital Tuning

49.95
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, ¼" headphone jack and removable belt clip. 4¼ x 2½ x ¾". Requires 2 "AAA" batteries and headphones.

Sports Mate™ Headband FM Stereo

With Elastic Bands For Head and Arm

Ultralight Earphones Included

NEW FOR 24.95

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 ¾ x 1½ x ¾" and light as a feather. Requires "AAA" battery.

AM/FM Stereo With Speaker

19.95

Listen to Stereo Through Headphones Or Monaural Through Speaker

Share the music. LED stereo indicator, 1½" speaker, ⅛" stereo headphone jack. 4¼ x 2½ x ¾". Requires 2 "AAA" batteries and headphones.

AM/FM With 3-Band EQ

NEW FOR 31.95

Use the built-in equalizer to customize the sound to your liking. Built-in FM-AFC. FM stereo LED indicator. Handy belt clip. 4¼ x 2½ x ⅛". Requires 2 "AAA" batteries and ¼" headphones.

Super-Thin AM/FM Stereo

NEW FOR 24.95

- 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. ⅛ x 2⅛ x ¼". Requires 2 "AAA" batteries and ¼" headphones.

Stereo Headphones

Low As 5.95

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

19.95

Ultra-Thin—Just 1½"

Personal entertainment system featuring separate left/right slide-action volume/balance controls, rotary tuning control and LED FM stereo indicator. 4 x 2½ x ⅛". Requires 2 "AAA" batteries.

Compact All-Weather AM/FM Stereo Receiver

17.95

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. 3½ x 2½ x 1". Requires "AA" battery and ¼" headphones.
Radios for Every Place, Taste & Occasion

AM/FM STEREO-MATE Headsets

**29.95**


**39.95**

AM/FM Stereo. Excellent for personal listening, it's feathery 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

**Waterbuddy™ Floating AM/FM Radio**

**NEW FOR 89 21.95**

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

**AM/FM LCD Clock Travel Radio**

**NEW FOR 89 19.95**

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. 1½ x 5¼ x 3". With collapsible stand, carrying pouch and strap. Requires 3 "AAA" batteries. 12-1571

**Water-Resistant AM/FM Wall Radio**

Molded Water-Resistant Housing

14.95

Hang it anywhere you want to enjoy your favorite music—outside or inside, pool side or on patio. Wide-range 2½" speaker. Rotary tuning and volume controls. 5 x 5¼ x 1½". With wall mount. Requires 4 "AA" batteries. 12-784

**Compact AM/FM Stereo Portable**

**NEW FOR 89 24.95**

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, ½" stereo headphone jack. Detachable shoulder strap. 3½" x 11½" x 1½". Requires 4 "AA" batteries. 12-723

AC Adapter. UL listed. 273-1454

7.95

12VDC Adapter. 14-844

6.95
Portable Radios for On-the-Go Entertainment

High-Performance AM/FM Portable

39.95
- 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 x 10½ x 2½". UL listed AC (or 4 "C" batteries, extra). 12-625

Police, Air Shortwave FM, AM

99.95
Low As $15 Per Month *
VHF-Hi, VHF-Lo, UHF 6-18 MHz Shortwave, Standard FM and AM

Full-Sized AM/FM, Budget Price

24.95
Excellent Sound Quality

Features high/low tone switch, FM-AFC to prevent drift, and rich-sounding 3" speaker. Earphone included. 7½ x 8½ x 2½". UL listed AC (or 4 "C" batteries, extra). 12-716

TV-Sound Portable With FM and AM

39.95
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. 8½ x 10½ x 3". UL listed AC (or 4 "C" batteries, extra). 12-648

AM/FM All-Weather IC Portable

19.95
Water and Sand Resistant

Really tough! Reliable integrated circuit, rotary tuning and volume controls. Built-in antennas—no "whip" to break. 3¾ x 5¼ x 1½". Requires 4 "AA" batteries. 12-783

TV-Sound Pocket Radio

29.95
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. 4 x 3½ x 1¼". Requires 9V battery or AC adapter. 12-613

The Best in AM/FM Pocket Portable Radios

19.95
- Our Finest
- High/Low Tone Switch

Features FM-AFC, 2¼" speaker, earphone, telescoping FM antenna. 5¼ x 3 x 1½". Requires 9V battery. 12-719

AM/VHF-Air Pocket Radio

19.95
Take Along to Air Shows

Jetstream®. Hear pilots talking to towers, other planes on the 108-135 MHz band, plus AM. 2¼" speaker, earphone. 4¼ x 2½ x 1½". Requires 9V battery. 12-601

Our Finest
High/Low Tone Switch

Features FM-AFC, 2¼" speaker, earphone, telescoping antenna. 5½ x 2½ x 1¼". Requires 9V battery. 12-718

High/Low Tone Switch

Features FM-AFC, 2¼" speaker, earphone, telescoping antenna. 5½ x 2½ x 1¼". Requires 9V battery. 12-718

AM/FM All-Weather IC Portable

19.95
Water and Sand Resistant

Really tough! Reliable integrated circuit, rotary tuning and volume controls. Built-in antennas—no "whip" to break. 3¾ x 5¼ x 1½". Requires 4 "AA" batteries. 12-783

AM/FM All-Weather IC Portable

19.95
Water and Sand Resistant

Really tough! Reliable integrated circuit, rotary tuning and volume controls. Built-in antennas—no "whip" to break. 3¾ x 5¼ x 1½". Requires 4 "AA" batteries. 12-783

AM/VHF-Air Pocket Radio

19.95
Take Along to Air Shows

Jetstream®. Hear pilots talking to towers, other planes on the 108-135 MHz band, plus AM. 2¼" speaker, earphone. 4¼ x 2½ x 1½". Requires 9V battery. 12-601

100 THERE'S A RADIO SHACK STORE NEAR YOU—WHEREVER YOU LIVE OR GO IN THE U.S.A.
# Unique Musical Friends for Youngsters

## AM/FM Bike Radio

**24.95**

**Pushbutton Electronic Horn**

Archer Road Patrol®. Mounts on most handlebars yet removes easily for portable use. Has 3” safety reflector, 2½” speaker, 3½ x 5½ x 7½”. Requires 3 “C” batteries.

**AM Bike Radio With Horn**

3” Safety Reflector **19.95**

Archer Road Patrol AM. As above, but with AM band only. 12-197 **19.95**

## Children's Sing-Along Phono

**29.95**

Plays 33½ 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 x 11 x 9”. UL listed AC. 13-1123 **29.95**

## The Famous Mickey Mouse© Radio

**8.95**

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

## Mickey's Armchair Radio

**12.95**

- 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

## Three Soft, Loving “Pet” Radios

**Low As 14.95**

**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.

## Try Our Delicious Flavoradios®

**6.95 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. 4¼ x 2½ x 1⅜”. Blackberry, 12-201. Blueberry, 12-202. Strawberry, 12-203 **29.95**

## Mini Personal Portable Receiver

**9.95**

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**

## 2-Band AM/FM Flavoradios

**11.95 Each**

- 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 x 3 x 1½”. With earphone. Each requires 9V battery. Strawberry, 12-720. Blueberry, 12-721 **11.95**

USE DEPENDABLE RADIO SHACK ENERCELL® ALKALINE BATTERIES FOR BEST RESULTS
High-Performance TVs—Quality You Can See

20” Color TV Monitor With Stereo & Remote

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 25 1/4 x 18 1/2”. UL listed AC. Remote requires 2 “AAA” batteries. 16-252 499.95

19” Color TV/Monitor With Remote

399.95

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! 18 1/8 x 19 5/6 x 18 1/4”. UL listed AC. Remote requires 2 “AAA” batteries. 16-260 399.95

Remote-Control 13” Color TV

299.95

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. 12 1/4 x 14 1/8 x 14 3/8”. UL listed AC. Remote requires 2 “AAA” batteries. 16-233 299.95

Value-Packed Portable 13” Color TV

249.95

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 14 3/4”. UL listed AC. 16-238 249.95

9” B&W TV for Home or Vehicle

99.95

Low As $15 Per Month*
TSP Available

- Plays on AC or 12VDC
- Built-In 2 1/2” 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. 8 1/16 x 12 1/16 x 9 3/16”. UL listed AC or 12VDC neg. gnd. 16-241 99.95

9” Color for Home or RV

299.95

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. 10% x 11 1/4 x 10 ½”. UL listed AC or 12VDC neg. gnd. 16-242 299.95

SCREEN SIZES MEASURED DIAGONALLY—SIMULATED RECEPTION
## Take Along a Radio Shack Portable TV

### 4" B&W Portable with Swivel Stand

- **NEW FOR $89**  
- **129.95**  
- 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. 6 1/4 x 4 1/4 x 3 1/4. UL listed AC or 12VDC neg. gnd. (or 5 "C" batteries, extra). 16-118  
  
### 5" Color TV/Monitor With 3-Way Power

- **319.95**  
- 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. 5 1/4 x 6 1/4 x 10 1/4. UL listed AC adapter, 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-108

### 5" B&W TV With 3-Way Power

- **99.95**  
- Low As $15 Per Month*  
- TSP Available

Features slide-action controls for volume, brightness and contrast, 3" speaker, 1/8" headphone jack. 4 1/2 x 7 1/4 x 10 1/2. UL listed AC adapter, 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-114

### 5" B&W TV With AM/FM/FM Stereo

- **119.95**  
- TSP Available

Just Add Headphones To Enjoy FM Stereo

Enjoy TV shows plus radio entertainment. Three-way power, monaural 3 1/2" speaker and 1/8" stereo headphone jack. 5 3/4 x 9 x 10 1/2. UL listed AC or 12VDC neg. gnd. (or 9 "D" batteries, extra). 16-113

### Breakthrough! 2" Color TV With Direct-View LCD Screen

- **NEW FOR $89**  
- **199.95**  
- 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. 5 1/8 x 3 3/4 x 1 1/4. UL listed AC adapter (or 4 "AA" batteries or DC adapter extra). 16-159

### Under-Counter 4 1/2" B&W TV

- **89.95**  
- TSP Available

Perfect for kitchen or workshop! With swivel mount bracket for easy installation. Telescoping antenna. With earphone. 5 x 5 3/4 x 5 1/4. UL listed AC adapter (or 10 "C" batteries or DC adapter, extra). 16-117

### Mobile Dipole TV Antenna

- **29.95**  
- Mounts on Gutter Or Window

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. 15-1609

---

**TAKE ADVANTAGE OF TANDY'S EXTENDED SERVICE PLAN—SEE PAGE 93**
### Indoor Antennas to Sharpen Your TV and FM

<table>
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<tr>
<th>Antenna Type</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td><strong>Amplified FM Stereo Antenna</strong></td>
<td>Boosts Signal Up to 6 dB</td>
<td>29.95</td>
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<tr>
<td><strong>Amplified VHF/UHF And FM Antenna</strong></td>
<td>Up to 12 dB Amplification</td>
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<tr>
<td><strong>VHF/UHF/FM With Phasing Control</strong></td>
<td>Excellent for “Problem” Areas</td>
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<tr>
<td><strong>VHF/UHF/FM With Rotating Elements</strong></td>
<td>12-Position Fine-Tuning</td>
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<td>Phasing Switch Cuts “Snow”</td>
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<td><strong>VHF/UHF Indoor</strong></td>
<td>Sharpens Color And B&amp;W Picture</td>
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<tr>
<td><strong>Antenna Values</strong></td>
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<tr>
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<tr>
<td><strong>Back-of-Set VHF</strong></td>
<td>Easy to Install</td>
<td>6.95</td>
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<tr>
<td><strong>FM Antenna</strong></td>
<td>Enhances FM Stereo</td>
<td>12.95</td>
</tr>
<tr>
<td><strong>Indoor VHF/UHF Antenna Amplifier With 10 dB Gain</strong></td>
<td>Instantly Converts Any Indoor TV/FM Antenna to an Amplified Antenna</td>
<td>19.95</td>
</tr>
</tbody>
</table>

THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU LIVE OR GO IN THE USA
Complete Stereo Satellite TV System

This Satellite System is Sold Out. Watch for Our New '89 Model Coming 12/31/88.

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

1995.00 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"

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 existing satellite channels and has extra memory for adding new channels. Has DNR® 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

Some very limited quantities of these components are available separately for upgrading existing satellite systems.

Realistic SR-2010 HSTV Receiver. 16-2501
8½-Foot Dish Antenna. 16-2502
80° LNB. 16-2503
HSTV Feedhorn. 16-2504
114.95 129.95 229.95 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 49.95

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. 11½ x 4½ x 3½" UL listed AC.

Inline Coax Amplifier

29.95

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.

Satellite Dish Security Alarm

29.95

- 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. 11¼ x 6½ x 3¾" UL listed AC. Requires 9V backup battery.

SPREAD OUT YOUR PAYMENTS—APPLY FOR YOUR OWN RADIO SHACK VALUEPLUS CREDIT CARD TODAY
Television Antennas for All Reception Areas

**Color Supreme Plus**

**HIGH-DEFINITION/STEREO-CERTIFIED**

THREE ANTENNAS IN ONE! VHF • UHF • FM

**NEW FOR 89**

**VU-210**
119.97
Low As $15 Per Month

**VU-110**
43.97

**VU-190**
89.97

**VU-90**
35.97

**VU-75**
26.97

**VU-60**
17.97

$399 Value

Signal Splitter Included! Separates VHF-UHF-FM Outputs—Only One Downlead Required!

---

- 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**

<table>
<thead>
<tr>
<th>Archer Model</th>
<th>Range in Miles*</th>
<th>Boom Length</th>
<th>No. of Elements</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VU-210</td>
<td>210 135 120</td>
<td>190°</td>
<td>56</td>
<td>15-1647</td>
</tr>
<tr>
<td>VU-190</td>
<td>190 120 100</td>
<td>160°</td>
<td>48</td>
<td>15-1646</td>
</tr>
<tr>
<td>VU-160</td>
<td>160 100 100</td>
<td>140°</td>
<td>40</td>
<td>15-1645</td>
</tr>
<tr>
<td>VU-120</td>
<td>120 90 90</td>
<td>120°</td>
<td>35</td>
<td>15-1644</td>
</tr>
<tr>
<td>VU-110</td>
<td>110 90 90</td>
<td>100°</td>
<td>30</td>
<td>15-1643</td>
</tr>
<tr>
<td>VU-90</td>
<td>90 70 70</td>
<td>80°</td>
<td>25</td>
<td>15-1642</td>
</tr>
<tr>
<td>VU-75</td>
<td>75 50 50</td>
<td>50°</td>
<td>17</td>
<td>15-1641</td>
</tr>
<tr>
<td>VU-60</td>
<td>60 40 40</td>
<td>40°</td>
<td>13</td>
<td>15-1640</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Range in Miles*</th>
<th>Boom Length</th>
<th>No. of Elements</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-120 Corner Yagi</td>
<td>Up to 120 Miles</td>
<td>100&quot; square boom, 60° &quot;Swept-Wing&quot; reflectors focus signal</td>
<td>34 95</td>
<td></td>
</tr>
<tr>
<td>U-100 Corner Yagi</td>
<td>Up to 100 Miles</td>
<td>80&quot; boom, &quot;Swept-Wing&quot; design</td>
<td>23 95</td>
<td></td>
</tr>
<tr>
<td>U-75 Corner Yagi</td>
<td>Up to 75 Miles</td>
<td>40&quot; boom, &quot;Swept-Wing&quot; design</td>
<td>16 95</td>
<td></td>
</tr>
<tr>
<td>Multi-Bay</td>
<td>Up to 70 Miles</td>
<td>Boom is 30&quot; long, Preassembled</td>
<td>11 95</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Archer Model</th>
<th>Range in Miles</th>
<th>Boom Length</th>
<th>No. of Elements</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-185</td>
<td>185 VHF, 110 FM</td>
<td>160&quot;</td>
<td>34</td>
<td>15-1654</td>
</tr>
<tr>
<td>V-110</td>
<td>110 VHF, 80 FM</td>
<td>80&quot;</td>
<td>14</td>
<td>15-1652</td>
</tr>
</tbody>
</table>

### Aim Your Antenna With an Archeroxor® To Capture the Best Picture and Sound

Pick Up Broadcasts From Out of Town

59 95

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 1 1/4 to 1 3/4" dia. masts. UL listed AC. Requires 3-conductor cable below. 15-1225 59.95

**Rotator Cable**

<table>
<thead>
<tr>
<th>No. of Cond.</th>
<th>Feet</th>
<th>Cat. No.</th>
<th>Per Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>50</td>
<td>15-1149</td>
<td>4.95</td>
</tr>
<tr>
<td>3</td>
<td>100</td>
<td>15-1150</td>
<td>7.95</td>
</tr>
<tr>
<td>5</td>
<td>100</td>
<td>15-1201</td>
<td>11.95</td>
</tr>
</tbody>
</table>

### Archer Antennas for the Best in FM Stereo

Dramatically Boost Your FM Receiver's Signal-to-Noise Ratio

16 95

**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

11 95

### Amplified TV/FM Antenna for Home/Travel

54 95

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

Compact! Ideal for Attic, RV, Van or Even Rooftop

29 95

**DC Adapter. 270-1534 5.49**

### Mobile VHF/UHF Antenna

29 95

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
### 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  
   - 100-Foot. 15-1175  
   - Cost: 9.95

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  
   - Cost: 2.19
   - 40-Foot. Clear Twin Lead. 15-1158  
   - Cost: 1.99
   - 50-Foot. Standard Twin-Lead. Seven-strand, 22 gauge. For indoor use. 15-1153  
   - Cost: 3.29

3. **8-Foot Twin-Lead Cable.** Dual spade lugs attach easily from splitter to VCR or stereo. 300 ohms.  
   - Cost: 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  
   - Cost: 8.95
   - 100-Foot. 15-1527  
   - Cost: 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. 6, below).  
   - Cost: 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  
   - Cost: 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  
   - Cost: 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  
   - Cost: 3.79

9. **Grounding Block.** Prevents static build-up in 75-ohm TV or FM antenna downleads. Handy hookup to wall.  
   - 15-909  
   - Cost: 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.  
    - Cost: 15-832
    - Set of 2 at 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.  
    - Cost: 20-192

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.  
    - Cost: 15-1200
    - Cost: 2.29

13. **Coax Feed-Through Bushing.** For a neat, professional-looking installation every time. Protects your cables.  
    - Cost: RG59U, 278-1643
    - Pkg. 2/49c
    - Cost: RG6U, 278-1644
    - Pkg. 2/49c

---

### 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  
   - Cost: 1.29

2. **Polarized Power Cord.**  
   - 15-012  
   - Cost: 1.29

   - 15-587  
   - Cost: 3.95

4. **Wall Plate for 75-Ohm Coax.**  
   - 15-1180  
   - Cost: 3.95

5. **Wall Plate for 75-Ohm Coax and 5-Wire Rotor.** With plugs, hardware.  
   - 15-1181  
   - Cost: 4.95

6. **Baseboard Mount for 75-Ohm Coax.** Includes mounting hardware.  
   - 15-1182  
   - Cost: 2.99

7. **Woodgrain Wall Plate for 75-Ohm Coax.** Includes mounting hardware.  
   - 15-1183  
   - Cost: 3.99

8. **Wall Plate for Dual 75-Ohm Coax Cables.**  
   - 15-1184  
   - Cost: 3.99

9. **Flush-Mount TV Wall Plate.** For one 300-ohm lead. With bracket, plugs.  
   - 15-1186  
   - Cost: 2.19

10. **Surface-Mount.**  
    - 15-1189  
    - Cost: 1.99

11. **TV/Wall Receptacle Plugs.** Mute all surface or flush sockets.  
    - 15-1178  
    - Set of 2 at 1/29

12. **Surface-Mount Universal Socket With Mating Plug.** 300 ohms. 7/8 x 3/4 x 1/4".  
    - 15-1192  
    - Cost: 1.19

13. **Polarized TV/FM Connectors.** Prevent polarity reversal when splicing, 300 ohm lead-ins. Just tighten screws to connect leads.  
    - 15-1199  
    - Cost: 1.19

14. **TV/FM Plug and Socket Set.** 300-ohms.  
    - 15-1198  
    - Cost: 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  
   - Cost: 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  
   - Cost: 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  
   - Cost: 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.  
   - 15-1502  
   - Cost: 2.95

2. **Two-Set Indoor/Outdoor Coupler.** Two antennas to one downlead.  
   - 15-1135  
   - Cost: 3.99

3. **Four-Set Indoor/Outdoor Coupler.** Combines four antenna outputs for one 300-ohm downlead.  
   - 15-1136  
   - Cost: 4.99

4. **Indoor/Outdoor UHF/VHF Combiner/Splitter.** Combines the outputs of a UHF and VHF antenna into one downlead. Also splits a single downlead into UHF/VHF outputs indoors. 300 ohms.  
   - 15-1137  
   - Cost: 3.99

5. **Indoor Splitter.** Splits UHF/VHF/FM outputs from one 300-ohm downlead.  
   - 15-1138  
   - Cost: 3.99
Radio Shack® Has All Your Antenna Needs

Chimney and Roof Mast Mounts

(1) Chimney Ratchet Mount. Two stainless steel strips, each 1/4" x 18 foot. For all masts with 1" to 1-1/4" diameter. With instructions. 15-839 12.95
(2) Corner Mounts. Two Y-mounts with 5/8" x 10 foot, rust-resistant galvanized strips. 15-527 9.95
(3) Chimney "Z" Mounts. Secures mast to chimney. Set of two, each with 5/8" x 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 1-1/4" diameter. 15-516 15.95 5-Foot Heavy-Duty Tripod Mount. 15-517 24.95

Mast Mounts for Roof, Vent Pipe and Wall

(1) Base and Roof Mount. Mast locks into exclusive-design U-bolt. Swivel base will accommodate the slope of virtually any roof. Heavy-gauge steel construction 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 1-1/2" 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 1-1/2" diameter. Holds mast 12" out from wall to clear eave or other obstructions. Rust resistant. 15-885 9.99 Pair 15-883 Pair 3.99
(5) 4" Wall Mounts. Secures TV mast 4" out from side of house. 15-883 9.99

Guy Wire and Hardware

(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
2 3 Guy Wire Turnbuckles: 6" Open, 4" Closed 15-829 1.59

Standoff Insulators

(1) 4 3/16" Wood Screw 15-853 8.95
1 4 61/2" Wood Screw 15-854 1.09
2 2 Masonry Type 15-820 1.19
3 2 Nail-In Type 15-821 99
3 2 Snap-Grip Type 15-822 89
2 2 Strap-On Type 15-823 89

Shop Your Nearby Radio Shack for Everything In TV and Video Accessories
**Everything in TV, VCR and FM Accessories**

### 4-Way 75-Ohm Distribution Amp
- **Price:** 31.95
- For VHF/UHF/FM
- Switchable FM Trap
- Typical Gain
  - 14 dB VHF
  - 13 dB UHF

### VHF/UHF/FM Hi-Gain Signal Amp
- **Price:** 35.95
- Typical Gain 25 dB VHF, 20 dB UHF
- Remotely Controlled FM Trap Cuts Interference

### Indoor FM Signal Booster
- **Price:** 25.95
- Switchable Gain of 0 dB, 10 dB or 20 dB
- Power LED

### 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.
- **Price:** 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.
- **Price:** 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.
- **Price:** 15-578 5.95
- **4** 300-Ohm Attenuator. Reduces ghost images on your TV/VCR. Connects inline to antenna screws.
- **Price:** 15-1114 6.95
- **5** TV Static/Noise Filter. Reduces or eliminates appliance, motor or neon light interference.
- **Price:** 15-582 1.99
- **6** TV/FM Noise Filter. Reduces CB/Ham radio interference.
- **Price:** 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.
- **Price:** 15-1294 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.
- **Price:** 15-1139 4.99
- **3** Hybrid Splitter/Combiner. Splits 75-ohm coax cable to two UHF/VHF outputs. F-connectors. Reversible.
- **Price:** 15-1141 3.95
- **4** Matching Transformer. Designed for TV and VCR. Provides 75-ohm output from 300-ohm input, or reverse. Push-on F-connector.
- **Price:** 15-1253 2.99
- **Price:** 15-1140 2.79
- **6** Antenna-Mounted Matching Transformer. As above, with special clip for attaching to antenna boom. With weather-resistant boot.
- **Price:** 15-1143 3.99

### AC Interference Filter
- **Price:** 8.99
- 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.

**Price:** 15-1111 8.99

### RF Modulator for Computer or Video
- **Price:** 26.95
- Use Standard TV As a Monitor On VHF Channel 3 or 4

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.

**Price:** 15-1273 26.95

### Coaxial Cable, Connectors & Adapters
- **1** 75-Ohm Coax. Screw-on male F-connector at each end. 16-Foot.
- **Price:** 15-1531 4.79
- 25-Foot.
- **Price:** 15-1534 5.99
- *2* 75-Ohm Coax. Push-on male F-connector at each end. 4-Foot.
- **Price:** 15-1529 2.79
- 8-Foot.
- **Price:** 15-1530 3.49
- *3* 8-Foot. 75-Ohm Coax. Male F-connector to Motorola-type plug.
- **Price:** 15-1528 3.49
- 6-Foot. 75-Ohm TV/VCR Cable. Push-on F-connector at each end.
- **Price:** 15-1536 2.99
- (5) F-81 Coupler. Female F-connectors at each end.
- **Price:** 278-213 99C
- *6* Female F Screw-On to Male Push-On.
- **Price:** 278-218 1.49
- *7* Right-Angle F-Connector.
- **Price:** 278-221, 1.89
- *8* Male F to Male F.
- **Price:** 278-219 1.89
- *9* Female F to Miniplug ("V") Adapter.
- **Price:** 278-257 1.99
- *10* 300-Ohm to 75-Ohm Miniplug ("V") Adapter.
- **Price:** 15-1148 1.49

**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

2. **VCR/TV Signal Splitter With 6-Foot Cable.** Not shown. One 75-ohm output for VHF, VHF and FM. Push-on F-connector. 15-1524

3. **VCR/TV Signal Splitter.** One 75-ohm input. 75-ohm outputs for VHF and UHF. 15-1293

4. **VCR/TV Signal Splitter With 6-Foot Cable.** One 75-ohm input. Outputs for 300 and 75 ohms. F-type connectors. 15-1522

### Terminators, DC-Block, Attenuators and Switches

1. **Terminating Resistor.** F-type, 1/2 watt, 75 ohms. Terminates unused outputs of splitters, coax wall plates and distribution amps to prevent interference and ghosts. 15-1144

2. **75-Ohm DC Block.** Protects against DC voltages from line-powered equipment. 15-1259

3. **Inline 6 dB Attenuator.** 75 ohms. Female F-connector on each end. Reduces interference caused by excessive signal strength. 15-1258

4. **Inline 6dB Attenuator.** As above, but with male F to female F-connectors. 15-1257

5. **Mini A/B Video Switch.** Two 75-ohm Inputs, one 75-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1247

6. **VCR/TV/FM Switch.** Two switchable 75-ohm inputs, one 300-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1250

7. **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. **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

### 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

2. **2-Set Amplified Coupler.** Boosts VHF channels 2-13, FM and midsuperband cable TV to one or two TVs, VCRs or FM receivers. UL listed AC. 15-1116

3. **10 dB Booster-Amplifier.** For VHF channels 2-13, FM, mid and superband cable TV. UL listed AC. 15-1118

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

### Cables, Connectors & Adapters

1. **2-Foot, 75-Ohm Coax Cable.** One male push-on F-connector at each end. 15-1533

2. **2-Foot VCR Video/Audio Cable.** 15-1538

3. **6-Foot VCR Video/Audio Cable.** 15-1535

4. **24-Foot VCR Video/Audio Cable.** 15-1539

5. **6-Foot Stereo Audio/Video Cable.** Three phono plugs at each end. 15-1537

6. **Dual 24-Foot VCR Video/Audio Cables.** 15-1540

7. **Male F-Connector to Phono Plug.** 278-253

8. **Male F-Connector to Female Phono Jack.** 278-255

9. **Female F to Phono Plug.** 278-252

### Dubbing Kit With Gold-Plated Plugs

- **For Cleaner Video Copies.** Two 75-ohm male F-type to phono jack and two 1/4" miniplug to phono jack adapters, 6-foot video/audio cable with two phone plugs on each end. 15-1523

- **Chromium-Plated Plugs.** 15-1525

### Audio/Video Cables With Gold-Plated Plugs

- **Extremely low loss, improves picture and sound quality.**
  - (1) "Gold" 3-Foot. 75-ohm coax cable, push-on F-type ends. 15-1515
  - "Gold" 6-Foot. As above. 15-1516

- (2) "Gold" 12-Foot. As above. 15-1517

- "Gold" 6-Foot. As above. 15-1518

- "Gold" 12-Foot. As above. 15-1520

- "Gold" Mono to Stereo Dubbing. 15-1521

**SHOP YOUR NEARBY RADIO SHACK FOR EVERYTHING IN TV AND VIDEO ACCESSORIES**
Video Converters and Surround Sound System

Remote 60-Channel Cable Converter

- 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 x 11 1/2 x 6 1/2". FCC registered. UL listed AC. Remote requires 9V battery. 15-1285...119.95

Archers® Cable TV Block Converter

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 x 6 1/2 x 3 1/2". UL listed AC. 15-1281...29.95

Add MTS Stereo, Remote Control and Cable-Compatible Tuning to Any TV

Save $19.90

Reg. Separate Items 319.85

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. 2 3/8 x 12 3/16 x 8 15/16". UL listed AC. 16-1283...Receiver Alone 219.95

Minimus-7 Speakers. See page 26. 40-2030 Alone, Each 49.95

Dolby* Stereo Surround Sound Decoder With Built-In Amp

Save $29.90

Reg. Separate Items 229.85

Built-In 10-Watt Amplifier With Dolby Surround

Two Minimus®-7 2-Way Speaker Systems

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 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 x 9 3/4 x 9 3/4". 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

*TM DOLBY LABORATORIES LICENSING CORP.
Quality Values From Our Video Shack

Video Special-Effects Switcher
Turns Your Viewing Room Into a Production Studio

- Manual/Automatic Fades
- 30 Wipe Patterns

Quality Values From Our Video Shack

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 x 10 x 6½" UL listed AC.

15-1274 .................................. 89.95

Archer Stereo-Compatible Video Processor Adds Professional Taping Features

99.95

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. Stabilizer 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 x 10 x 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. 2¾ x 9½ x 5½". UL listed AC.

15-1265 .................................. 29.95

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, TV, VCRs, 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. 2½ x 9½ x 6½". UL listed AC.

15-1263 .................................. 69.95

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. 2¾ x 9½ x 5½". UL listed AC.

15-1264 .................................. 89.95
Take Control of Your Video/Audio System

Universal 8-in-1 Remote Control With LCD Display and Five-Event Timer

$99.95

- Ends the Remote Control Jungle
- Replaces Up to Eight Infrared Remote Controllers

Low As $15 Per Month* TSP Available

- 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 ■ 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. 1¾ x 3¾ x 9". Requires 4 “AA” batteries. 15-1901

Archer® Rabbit Multiplying System

Lets All Your TVs Share a Single VCR

SYSTEM

$79.95

- 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, 1¾ x 6½ x 4". UL listed AC. 15-1953

Extra Receiver. Expand your Archer Rabbit System to additional TVs. With cable, adapter, wire and manual. UL listed AC. 15-1954 Each 39.95

Prices apply at participating Radio Shack Stores and Dealers
Handy Helpers From Our Video Shack

Price Breakthrough! Universal Remote Control is Four Remotes in One

NEW FOR 89

49.95

1. Just Right for Smaller Audio/Video Systems With Remote Control VCR, Television, Stereo System, CD Player or Cable Box
2. Ends the Confusion of Multiple Remotes—“Learns” and Reproduces The Infrared Commands of Up to Four Individual Controllers
3. 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. 1 1/8 x 2 5/8 x 4 5/8”. Requires 4 “AAA” batteries. 15-1902

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

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. 2 1/2 x 7 x 6 5/8”. UL listed AC. 15-1290

Remote Control Extender

Operate Remote-Controlled Video Equipment From Another Room in Your House

49.95

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. 1 3/4 x 4 1/8 x 3”. Includes splitter and two coax cables. UL listed AC. 15-1289
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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.

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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!

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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.

Radio Shack is America's Electronics Headquarters for Builders

Speech/Word Recognition IC

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

SS1202. 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

CMOS and Bipolar-Timer ICs


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 repeatable timing from one microsecond to one hour. Operate from 4.5 to 16VDC.

<table>
<thead>
<tr>
<th>Type</th>
<th>DIP</th>
<th>Cat. No.</th>
<th>Each</th>
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<tr>
<td>555 (Single)</td>
<td>8-Pin</td>
<td>276-1723</td>
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<tr>
<td>555 (Dual)</td>
<td>14-Pin</td>
<td>276-1728</td>
<td>1.49</td>
</tr>
</tbody>
</table>

Quality Audio Amplifier ICs

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. 276-1721 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. 5.6-watt output, 4-ohm load. THD: 0.07%. 276-705 2.99

Operational Amplifier ICs

LM324 Quad Op Amp. Provides 4 operational amplifiers for battery-powered applications. Low distortion and input bias. 100mW output. 4-12VDC supply. 8-pin DIP. 276-1713 1.89

LM339 Quad Comparator. Four independent voltage comparators in a 14-pin DIP. Single 2 to 32VDC supply. 276-1712 2.99

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
### Infrared LEDs and CdS Photocell

- **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
- **SEP8703-1.** Low power design, high-output infrared (IR) LED. 276-143...1.69
- **TIL414.** IR phototransistor. High-speed NPN. 50 mW. T-11/4 case. 276-145...99¢
- **IR Pair.** LED infrared transmitter, sensitive phototransistor detector. 276-142...Pair 1.99
- **CdS Photocell.** Wide resistance range photoresistor rated 200 mW at 170 volts, maximum. 1/2 x 1/4" 276-116

### Bar Graph Displays

- (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) 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) 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-11/4 package. 276-066...1.19
  - (3) Super-Jumbo Red LED. Six LED elements in a huge 20mm display. 276-084...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

### Spruce Up Your Projects With Quality LEDs

- (1) NEW! Dual-Color LED. DC flow in one direction gives red, the opposite gives green. Two-lead, T-11/4 case. 276-012...1.19
- (2) Jumbo Red LED. T-11/4 case. 276-041...Pkg. 2/69¢
- (3) Jumbo Yellow LED. T-11/4 case. 276-021...Pkg. 2/79¢
- (4) Jumbo Green LED. T-11/4 case. 276-022...Pkg. 2/79¢
- (5) Mini Red LED. T-11/4 case. 276-026...Pkg. 2/69¢
- (6) Mini Green LED. T-11/4 case. 276-037...Pkg. 2/89¢

### LED Flasher IC and Triac Optocoupler

- (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

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. 2¾x5¾x1¹/16" 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. 2¾x6" 276-174...11.95
- (3) Modular IC Breadboard Socket. Smaller version of Fig. 2 with 270 indexed connection points. 2¾x3¾x1¹/16" 276-175...7.49
- (4) Universal Breadboard. Our finest! The 2¾x6¹/16" motherboard is mounted on a 7 x 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

---

**Big Values in Solar-Energy Power**

- **NEW FOR 89:**
  - (1) NEW! Flexible Solar Cell. A technological breakthrough—a amorphous silicon alloy-on-stainless steel is unbreakable! Encapsulated 3¼x1¹/16" 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 x 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, propeller. Informative booklet with projects. 276-101...9.95

**Other Components**

- **FOR 99¢:**
  - (1) Chrome LED Panel Lamp Holders. Accept standard T-11/4 (jumbo-size) LEDs. 276-080...Pkg. 2/1.19
  - (3)(4)(5)...

---

**Revolution Credit Available—See Page 92**

**Quantity Discounts Available at Participating Stores and Dealers—See Page 92**
Top-Quality Semiconductors and Digital ICs

Logic Probe and Pulser
For TTL/LS/CMOS Testing

16.95
Probe

17.95
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 impedance. 4.7 to 15VDC. 22.303

Digital Logic Pulser. Together, the Pulser and Probe make an effective diagnostic team for today's digital circuits. Produces single 5\( \mu \)s pulse or a continuous 5 pulse width: 50 ns. 4.7 to 15VDC. 22.304

Voltage Regulator ICs for Replacement and Projects

Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated nonstandard DC voltage is required. Both include specs and data.

<table>
<thead>
<tr>
<th>Type</th>
<th>Output VDC</th>
<th>Cat. No.</th>
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<tr>
<td>LM723</td>
<td>+ 5</td>
<td>276-1770</td>
<td>1.19</td>
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<tr>
<td>7805</td>
<td>+ 5</td>
<td>276-1770</td>
<td>1.19</td>
</tr>
<tr>
<td>7812</td>
<td>+ 12</td>
<td>276-1771</td>
<td>1.19</td>
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<tr>
<td>7815</td>
<td>+ 15</td>
<td>276-1772</td>
<td>1.19</td>
</tr>
</tbody>
</table>

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 op amp current rating. TO-220 cases.

IC Inserter/Extractor Set

6.95
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

IC Pin Aligner

2.99
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

Rectifiers for Power Supplies and Replacement

(1) 40-Volt, 1-Amp Schottky Barrier Diode. Low 0.55-Volt forward voltage drop. Fast 0.2 \( \mu \)s reverse recovery time. Ideal for switching power supplies. 276-1165

(2) Micromini 1-Amp Diodes. 30-amp surge.

(3) 3-Amp "Barrel" Diodes. 200-amp surge.

(4) 4-Amp Full-Wave Bridge Rectifiers.

VOLTAGE

<table>
<thead>
<tr>
<th>Type</th>
<th>Peak Inverse Voltage (PIV)</th>
<th>Cat. No.</th>
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<td>1N4001</td>
<td>50</td>
<td>276-1101</td>
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<tr>
<td>1N4002</td>
<td>100</td>
<td>276-1102</td>
<td>59</td>
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<tr>
<td>1N4003</td>
<td>200</td>
<td>276-1103</td>
<td>69</td>
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<tr>
<td>1N4004</td>
<td>400</td>
<td>276-1104</td>
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<tr>
<td>1N4005</td>
<td>600</td>
<td>276-1105</td>
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</table>

Small-Signal Diodes

1N914/4148. Silicon switching type. 75 PIV. 276-1122

1N34A. Hard-to-find general-purpose germanium. 50 PIV. 276-1123

1-Watt Zener Diodes

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage</th>
<th>Cat. No.</th>
<th>Each</th>
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<tr>
<td>1N4733</td>
<td>5.1</td>
<td>276-565</td>
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<tr>
<td>1N4735</td>
<td>6.2</td>
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<td>1N4739</td>
<td>9.1</td>
<td>276-562</td>
<td>1.19</td>
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<tr>
<td>1N4742</td>
<td>12.0</td>
<td>276-563</td>
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<tr>
<td>1N4744</td>
<td>15.0</td>
<td>276-564</td>
<td>1.19</td>
</tr>
</tbody>
</table>

SCRs, Triacs

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Cat. No.</th>
<th>Each</th>
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<tr>
<td>200</td>
<td>276-1067</td>
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</tr>
<tr>
<td>400</td>
<td>276-1020</td>
<td>1.19</td>
</tr>
</tbody>
</table>

6-Amp Triac. For light dimmers, heat element control. Immune to transient damage. Rated up to 400V. With data. 276-1000

Line Driver ICs For Data Transfer

129
Each

Send/Receive Peripheral Data

MCI488 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

MCI489 RS232 Quad Line Receiver. Use with above. Performs logic-level translation and can provide multiple outputs. 14-pin DIP with data. 276-2521

4000-Series CMOS ICs With Pin-Out And Specs

Low As

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quad 2-Input NOR Gate</td>
<td>4001</td>
<td>276-2401</td>
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<tr>
<td>Quad 2-Input NAND Gate</td>
<td>4011</td>
<td>276-2411</td>
<td>.99</td>
</tr>
<tr>
<td>Dual Type-D Flip Flop</td>
<td>4013</td>
<td>276-2413</td>
<td>1.19</td>
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<tr>
<td>Decade Counter/Divider</td>
<td>4017</td>
<td>276-2417</td>
<td>1.49</td>
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<tr>
<td>Inverting Hex Buffer</td>
<td>4049</td>
<td>276-2449</td>
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</table>

TTL Digital ICs With Pin-Out And Specs

<table>
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<th>Description</th>
<th>Type</th>
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<th>Each</th>
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<td>Quad 2-Input NAND Gate</td>
<td>7400</td>
<td>276-1801</td>
<td>.89</td>
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<tr>
<td>Hex Inverter</td>
<td>7404</td>
<td>276-1802</td>
<td>.99</td>
</tr>
<tr>
<td>Quad 2-Input AND Gate</td>
<td>7406</td>
<td>276-1822</td>
<td>1.29</td>
</tr>
<tr>
<td>BCD to 7-Seg. Driver</td>
<td>7447</td>
<td>276-1805</td>
<td>1.69</td>
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<tr>
<td>Div. by 2/5 BCD Counter</td>
<td>7490</td>
<td>276-1808</td>
<td>1.19</td>
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</table>

Small-Signal Diodes

Commonly Used

- (1) 40-Volt, 1-Amp Schottky Barrier Diode. Low 0.55-Volt forward voltage drop. Fast 0.2 \( \mu \)s reverse recovery time. Ideal for switching power supplies. 276-1165

- (2) Micromini 1-Amp Diodes. 30-amp surge.

- (3) 3-Amp "Barrel" Diodes. 200-amp surge.

- (4) 4-Amp Full-Wave Bridge Rectifiers.

- (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. 276-1165

- (6) 25-Amp, 50 PIV Full-Wave Bridge Rectifier. Just the thing for heavy-duty power supplies. Metal case for maximum heat dissipation. 6" square. 276-1185

- (7) 6-Amp, 50 PIV Full-Wave Bridge Rectifier. Heavy-duty, 25A x 25A "Y". 276-1180

- (8) 8-Amp, 250 PIV Full-Wave Bridge Rectifier. 276-1181

- (9) 1.5 Amp Full-Wave Bridge Rectifiers. M548 cases.

RADIO SHACK—AMERICA'S ELECTRONICS PARTS PLACE™ SINCE 1921

118
Transistors and Mounting Accessories

"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

Mini-Notebook Series by Forrest Mims III

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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
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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

16-Position DIP Component Carrier. Plug-in module accepts resistors, capacitors, jumpers and more. Fits standard 16-pin DIP socket. With cover. 276-1989 1.69

Static Protectors

(1) Conductive Foam Mat. 5 x 5". For bench or shipping. 276-2400 .89c
(2) Static-DRAINING Wrist Strap. Ideal for use when handling computer expand-... 24' ground wires. 276-2400 .89
(3) Wire-Wrapping Posts. Insert and securely lock into standard perforated PCB holes. With screws, insulating washers, ferrule, mounting hardware. 276-1371 .... 276-2016 1.49

We're Your Replacement Transistor Source

Includes Data and Pin-Out Refer to Semiconductor Reference Guide (above) for complete data and cross-reference list.

Direct Commercial Equivalent

Replaces* Type GE Type ECG Type SK

MP2222A 20 123A 3122 NPN GP 500mW TO-92 276-2009 .59
MP2390 20 123A 3122 NPN SW 350mW TO-92 276-2016 .59
TIP31 66 152 3054 NPN P 40W TO-220 276-2020 .99
TIP3055 241 130 3027 NPN P 90W TO-220 276-2020 .99

MPS2907 82 159 3025 NPN P 400mW TO-92 276-2023 .59
MJE34 34 197 3084 NPN P 90W TO-220 276-2027 .49
2N3053 241 128 3024 NPN P 5W TO-3 276-2020 .79
TIP102 241 261 3180 NPN P 65W TO-220 276-2068 .29

2N3055 14 181 3027 NPN P 115W TO-3 276-2041 .99
MJE2955 74 219 3335 NPN P 150W TO-3 276-2043 .99
2N4401 20 123AP 3444 NPN SW = Switch SW = Switch NOTE: Parameters: 25°C C.

Digital Logic Circuits. Handy data on gates, TTL and CMOS devices, logic families, truth tables. 48 pages. 276-5014 1.49

Heat Sinks and Mounting Hardware

(1) TO-220 Heat Sink. Designed for PC board mounted power semiconductors in TO-220 cases. Anodized aluminum. 276-1363 79c
(2) Mounting Hardware. For power semiconductors. With screws, insulating washers, solder lug, bushings. For TO-3 case. 276-1371 79c
(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 compo-

Power Devices

(1) Low As 199c
(2)

Non-wicking solder-type for PC use.

Hot Melt Adhesives

(1) Low As 199c
(2)

N-channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent

Use Diss. gfs min max Case Cat. No. Each

2N3819 GP 360mW 2.0/6.5 TO-92 276-2035 79
MPF102 VHF Amp. 150mW 276-2062 79

TV & Power Devices

DIP Sockets

Low As 49c

Non-wicking solder-type for PC use.

Pkg. of 2

Type Cat. No.
8-Pin 276-1995 59
14-Pin 276-1999 89
16-Pin 276-1998 99

Type Cat. No.
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
Archer® Relays, Joysticks, Parts Assortments

Big Selection of Quality Relays—All With Data and Pin Diagram

### 1-Amp SPST Reed
- **1.99 Each**
- SPST contacts: 1A at 125VAC. About 1" long, 5/16" diameter.
- 1A SPST Micro
- 1.99 Each
- Only 1'2 x 3'4 x 1'4", SPDT contacts rated 1A at 125VAC.

### 2-Amp SPDT Mini
- **NEW FOR 89**
- 2.99
- SPDT contacts: 5A at 125VAC. Approximately 7'1 x 1'1'4".
- 5VDC, 20 mA, 250 0

### 10-Amp SPDT Mini
- **NEW FOR 89**
- 2.99 Mighty Midget
- High-current switching in minimum space! 9'1 x 2'32 x 5'16".
- SPDT contacts: 10A at 125VAC.

### 2-Amp SPDT Mini
- **NEW FOR 89**
- 2.99
- SPDT contacts: 2A at 120VAC. Approximately 3'4 x 3'4 x 3'4".

### 1-Amp DPDT Mini
- **NEW FOR 89**
- 3.99
- DPDT contacts: 1A at 120VAC. Approx. 7'14 x 3'4 x 3'4", UL.

### 3A 4PDT Plug-In
- **599**
- 5 Switches Up to 4 Circuits
- Versatile! 4PDT contacts: 3A at 125VAC. Socket mount or solder. 1'1 x 1'1 x 1'4".

### 3A DPDT Plug-In
- **599**
- Socket Included
- DPDT contacts: 3A at 125VAC. Socket has hold-down clips for relay. 1'1 x 1'4".

### 10A DPDT Plug-In
- **599 Each**
- Plug-In or Chassis-Mount
- DPDT contacts: 10A at 125VAC. 1'1 x 1'4".

### Add “Zip” to Your Videogame With a New Joystick
- **10.95**
- **14.95**
- **17.95**
- 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

- **15 NPN Transistors**
- 15 Amplifying Transistors
- **25 Rectifier Diodes**
- **20 Assorted LEDs**
- Package of 5 Rectifiers
- **Package of 5 Photocells**
- **10 Rectangular LEDs**
- **100 Disc Capacitors**
- **20 Electrolytes**

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.

### Radio Shack—America’s Electronics Parts Place® Since 1921
Your Nearby Source of Reliable Switches

Illuminated AC Switches

1. 125VAC SPDT Push-On/Push-Off. Rated 3A at 125VAC. Body size: 1/4 x 1/4 x 1 1/4". Mounts in 5/16"-dia. hole. 275-670. $2.59
2. SPST Normally Open/N.C. Rated 5A at 250VAC. 12-volt lamp. Mtf. hole: 3/16". UL listed. 275-677. $6.99
(1) Replacement Bulb for Figs. 1 & 2. 275-011. $1.29
(2) SPDT Push-On/Push-Off. Rated 10A at 125VAC. Style may vary. 275-027. $3.49
(3) Dual Lighted Flip-Spot. Two SPSTs. Rated 16A at 12VDC. 275-324. $2.69
(7) Submini SPST PC-Mountable. 0.3A at 125VAC. 1/4 x 1/4 x 1/4". Mtg. hole: 1/4". 275-659. $1.99

Low-Loaded Automotive Switches And Under-Dash Panels

1. Lighted SPST Switch. Handle lights when on. 12-volt use only. Switch rated 20A at 12VDC. 3/16" mg hole. 275-706. $2.39
2. Heavy-Duty Lever Switches. 20A at 12VDC. 3/16" mg hole. SPST. 275-708. 1.99
SPDT Center Off. 275-715. 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 1/4"-diameter bushings. 275-705. $89

Panel-Mount Mini, Submini and Micromini Toggles

1. Mini SPDT Momentary. Rated 3amps at 125VAC. Mounts in 1/4"-diameter panel hole. 275-1549. $1.99
(2) Mini SPDT Momentary, 5A at 125VAC. 1/4" mg hole. Normally Open. 275-1547. Pkg. of 2/1.69
Normally Closed. 275-1548. Pkg. of 2/1.69
(3) SPST Push-On/Push Off. Rated 3amps at 250VAC. Mounts in 1/8"-diameter panel hole. 275-617. 1.69
Momentary Version. 275-548. $1.59
(4) SPST "Soft-Feel" Push On/Push Off. Rated 3amps at 125VAC. In 1/4"-diameter hole. 275-1555. 1.99
Momentary Version. Normally Open. 275-1556. 1.89
(5) Mini SPDT Push On/Push Off. Rated 3amps at 125VAC. Mounts in 1/8"-diameter panel hole. 275-618. 2.49
(6) Submini SPST Momentary. 0.5A at 125VAC. Normal Open. 1/4" mg hole. One red, one black. 275-1571. Set of 3/2.99
(7) Standard SPST Push On/Off. Rated 3amps at 250VAC. 1/8" mg hole. 275-001. 1.39
Momentary Version. Normally open. One black and one red. 275-609. Set of 2/1.79

Lever-Style Switches

1. SPDT With 1/4" Roller Lever. Operating force: 5 grams. 5amps at 250VAC. 1/4 x 1/4 x 1 1/4" UL listed. 275-017. 1.79
2. SPDT With 1/4" Lever, 5amps/250VAC. 275-016. 1.69

Knife-Type and Rotary-Type Switches

1. Lighted DPDT With Center Off Position. Rated 10A at 125VAC. Has screwdriver terminals for easy hookup and on-off-on label plate. Body size: 3/8 x 1/2 x 3/4". Mounts in 5/16"-diameter hole. 275-1533. 1.89
(2) Heavy-Duty With Flatted Lever. Rated 6A at 250VAC. Solder lug terminals and 3/8" x 1/2" long lever. Body size: 3/8 x 1/2 x 3/4". Mounts in 5/16" hole. UL. SPST. 275-651. 1.99
DPDT Center Off. 275-652. 2.49
DPDT Center Off. 275-653. 2.69

see page 92 for information on large quantity discounts
Get on Board With Our Printed Circuit Supplies

Plug-Ins and Perfboards

(1) NEW! 72-Position Plug-In Board. 4 1/2 x 5 1/4", pre-drilled, 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. 276-1452
(5) IC-Spacing Perfboard. 1/4" prepunched holes in standard 100 x 100" grid. 276-1394 2.99

Predrilled Boards

(1) Grid Boards. Accepts DIP ICs, sockets, and headers. Columns and rows are indexed to identify component pin outs. Solder-ringed holes. 276-158 2.29
(2) Universal PC Board. Accepts ICs up to 40 pins. Has a total of 750 indexed, solder-ringed holes, two buses, one grounding point. 276-150 2.29
(3) IC/LSI Board. For LSI ICs up to 40 pins. Has 750 solder-ringed holes, indexed on both sides. DIP centers 1 1/8 x 3 1/2". 276-162 1.99
(4) Multipurpose Board. Two bus strips at the center. PC pattern printed on component sides speeds building. 4 7/8 x 2 1/2". 276-168 1.49
(5) Dual Mini General-Purpose Board. 213 holes. 1 1/4 x 3 1/2". Can be snapped in half. 276-148 1.39
(6) IC Board. Accepts two 6 to 20-pin DIPs. Four connecting points for each IC pin. 1 1/4 x 3 1/2". 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 4.19
Four Sheets 2.98

PC Board Accessories

(1) PCB Standoffs With Screws. 1 1/8" high metal studs hold boards in place. Metal construction permits easy grounding when used with a metal chassis. 276-195 4 Set of 4/99e
(2) PC Board Wire Terminals. Two-position. For reliable hardware and rubber feet. 276-147 3.79
(3) Circuit Symbols Template. Durable guide helps you draw accurate and easy-to-read schematic diagrams. 276-160 3.95

Protect and Beautify Your Project—Radio Shack Has the Enclosure

Professional Project Case

NEW FOR 89

4.99

Versatile Two-Piece Design
Poly carbonate 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 7/8 x 2 1/4 x 1 1/16". 270-257 4.99

Transmitter Case

3.99

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 7/8 x 2 1/4 x 1 1/16". 270-293 3.99

Box 'n Board

Just Add Your Circuit
Includes a 2 x 3" printed circuit board, predrilled to accept DIP ICs. Molded enclosure is 3 7/8 x 2 1/16". Offers molded labels, protective feet, and assembly hardware. 270-291 4.49

Covers

Styrene. Internal slots for board. 270-230 1.79

Case/PC Combos

Sensational value! Each includes a PC board with IC grid pattern, aluminum cover and vinyl feet. 270-283 3.99

Instruments

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 7/8 x 3 1/2". 270-250 4.99

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 2.99

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PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
**Hookups for Computers, Audio and Power**

---

**RS232 Mini Tester And Surge Absorber**

(1) RS232 Mini Tester. The easy way to diagnose interface problems. Dual-color LEDs indicate status of D, RTS, DSR, CD, CTS and DTR lines. Connects inline. 276-1402

(2) RS232 Spike Protector. AC line protection before RS232 ports to stop spikes cold. Shielded. 276-1401

---

**D-Sub and IDC Tools**

(1) NEW! D-Sub Pin Crimping Tool. For speedy, damage-free installation of crimp-type D-Sub connector pins on wires. Professional-grade tool accepts #20, #24 and #26 pins and has thick cushion handle grips. 6" long. 276-1585

(2) NEW! D Subminiature Connectors and Hoods

---

**Solderless Connectors and Ribbon Cable**

(1) 36-Position Printer Connector. Solder-type connector for parallel (Centronics) printers. 276-1534

(2) 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. 276-1596

(3) 36 -Position Printer Connector. 4.99 Each

(4) NEW! Crimp With Gold-Plated Contacts. High quality! Assure trouble-free connections.

---

**DC Power Connectors**

(1) NEW! Heavy-Duty Metal DC Power Jack. 5.5 mm outside diameter, 2.1 mm I.D. ½"-screw hole. 274-1583

(2) Molding DC Power Jack. 5.0 mm O.D., 2.1 mm I.D. 274-1585

---

**Safety Barrier Strips**

(1) Dual-Row. Barriers help prevent accidental contact and short circuits. Great for security systems.

---

**Terminal Strips**

(1) NEW! 12-Position "Jumbo" European-Style Barrier Terminal Strip. Each position accepts two wires, up to 8-gauge. 5½" long. 274-6577

(2) 8-Position Standard European-Style Terminal. 3½" long. 274-6578

---

**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

(2) Five-Pin DIN Plug. 274-003

(3) Four-Pin DIN Plug. 274-007

(4) Two-Pin Male/Female Set. 274-222

---

**Speaker Terminals**

(1) Low As 129 Each

(2) Two-Position Pushbutton Terminals. Spring-action insertion/release, 2½" x ¾" board with mounting holes 1½" apart. 274-315

---

**Pushbutton Terminals**

Eight-Position. Spring-action lever for quick hookup and positive contact. Mounting holes 1½" apart. 274-623

---

**Cord Connectors**

Plug

Socket

Low As 179 Each

Heavy-Duty Power Type

---

**Locking Connectors**

Low As Female 99¢ Pair

8A/125VAC

Per Circuit.

---

**D Subminiature Connectors and Hoods**

(1) NEW! High-Density 15-Position Crimp. Same "footprint" as 9-position D-sub connectors and accept same hoods. High-quality gold-plated contacts.

(2) NEW! Crimp With Gold-Plated Contacts.

(3) NEW! High-Density 15-Position Crimp.

(4) NEW LOW PRICE! 34-Position Card-Edge Connector. For disk drives. $3.95 in 88 cat. 276-1564

---

**LEDs**

(1) NEW! 360° Lighted LEDs. 276-1402

---

**Screwdriver Terminals**

(1) NEW! 12-Position "Jumbo" European-Style Barrier Terminal Strip. Each position accepts two wires, up to 8-gauge. 5½" long. 274-6577

(2) 8-Position Standard European-Style Terminal. 3½" long. 274-6578

---

**Large-Quantity Discounts Available at Participating Radio Shack Stores and Dealers—See Page 93**

---

**Radio Shack Catalog**

(1) NEW! 12-Position "Jumbo" European-Style Barrier Terminal Strip. Each position accepts two wires, up to 8-gauge. 5½" long. 274-6577

---

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**Radio Shack**

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2. Surge Absorber

3. D-Sub and IDC Tools

4. Solderless Connectors and Ribbon Cable

5. DC Power Connectors

6. Safety Barrier Strips

7. Terminal Strips

---

**Radio Shack Contact Information**

1. 800-321-1134

2. www.radioshack.com

---

**Radio Shack Store Locations**

1. 276-1402

2. 276-1401

3. 276-1534

4. 276-1535

5. 276-1583

6. 274-020

7. 274-003

---

**Radio Shack Guaranteed Products**

1. 1-Year Guarantee

2. 2-Year Guarantee

---

**Radio Shack Promotions**

1. Buy One, Get One Free

2. 20% Off

---

**Radio Shack Return Policy**

1. Item must be in original packaging

2. Must be returned within 30 days of purchase

---

**Radio Shack Privacy Policy**

1. Personal information will not be sold

2. Customer information will be used for marketing purposes

---

**Radio Shack Terms and Conditions**

1. By using this catalog, you agree to the terms and conditions

---

**Radio Shack Catalog Cover**

1. A variety of electronic components

2. User-friendly design

3. Comprehensive listings
### Automotive Fuses

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Cat No.</th>
<th>Price</th>
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<tr>
<td>Glass</td>
<td>Type Fuse Kit</td>
<td>270-1279</td>
<td>1.89</td>
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</table>

#### Fuse Inserter/Extractor
- For damage-free installation
- For 12VDC only

#### Auto Fuse Accessories

- **Solderless Fuse Holder**: Accepts 1/4"-dia fuses, rated 20 amps.
- **Inline "Blade" Fuse Holder**: 20A, 270-1213
- **Vehicle Fuse Tester**: Easy test auto fuses without removing them from holder, indicator lights if fuse is blown.
- **Fuse Inserter/Extractor**: For damage-free installation and removal of glass and "blade" fuses.

### Fuses for TVs, VCRs, Hi-Fi, CBs, Appliances and Testers

#### UL Recognized Fuses

<table>
<thead>
<tr>
<th>Amps</th>
<th>Cat No.</th>
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<tr>
<td>1/4</td>
<td>270-1270</td>
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<tr>
<td>1/2</td>
<td>270-1271</td>
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<td>1</td>
<td>270-1272</td>
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<td>1 1/4</td>
<td>270-1273</td>
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#### Fast-Acting Fuses

<table>
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<th>Amps</th>
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<tr>
<td>0.015</td>
<td>270-1249</td>
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<tr>
<td>1/20</td>
<td>270-1251</td>
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<td>1/125</td>
<td>270-1242</td>
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#### Slow-Blow Fuses

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<td>270-1282</td>
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<tr>
<td>1/2</td>
<td>270-1283</td>
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<td>270-1284</td>
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#### Panel-Mount Fuses

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<tr>
<td>15</td>
<td>270-1271</td>
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<tr>
<td>20</td>
<td>270-1272</td>
</tr>
</tbody>
</table>

### Replacement Antennas For Phones and Portables

- **General Purpose**: Low As

- **Cordless Phone Base**: 249

- **Cordless Phone Handset**: 249

- **Universal Handset**: 249

### Molded Battery Holders

- **270-386**: 247
- **270-407**: 247
- **270-408**: 247

### Hi-Fi Electriq Mike Elements

- **Hi-Fi Response at Low Cost!**
- **Panel DC Voltmeter**: 7.95

### AC Circuit Breaker

- **Easy to Install**

### AC Surge Absorbers

- **Metal Oxide Variac**: Diver power-line voltage "spikes" before they can damage computers, VCRs and other sensitive electronic equipment.

### Panel DC Voltmeter

- **Just right for monitoring car electrical system or power supply voltage**: 7.95
Big Values in Fans, Transformers, Clips

Our Quiet Fans Help Preserve Equipment

Solve Heat Problems in Computers, Audio Amps and Ham Equipment

RFI Problem Solvers

(1) NEW! Snap-Together Toroid Choke Core. Easy to install and 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: 1/2 x 1/4 x 3/4". Opening: 1/4 x 1/8". With data and detailed instructions. 273-104...$1.05

(2) 100 pF RF Choke. Rated 2A. 273-102...99c

UL Recognized Transformers

For projects or replacement. Mini types may tie PC-board mounted. All primaries 120 VAC, 60 Hz. CT indicates center tap.

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
<th>Current</th>
<th>Size in Inches</th>
<th>Cat. No</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miniature</td>
<td>12 V</td>
<td>300 mA</td>
<td>2½ x 1 x 1½</td>
<td>273-1385</td>
<td>3.29</td>
</tr>
<tr>
<td>Miniature</td>
<td>12 6 C</td>
<td>450 mA</td>
<td>1½ x 2½ x 1½</td>
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Jumper/Test Cables

Insulated Clip at Each End

(1) Set of 10, 1¾" 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. 278-0012...1.99

(3) Set of Eight, 2¾" long. Four different colors. Mini alligator clips. 278-1157...2.99

(4) Set of Six Heavy-Duty Cables. 40" long. Six different colors. Claw-type clips. 278-002...3.99

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 2/1.59

(3) Banana Jacks. Mount in ¾" hole with included fiber washers, solder lugs. One red, one black. 274-725...Set of 2/1.75

(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 makes these ideal for IC testing. 1½" long. One red, one black. 276-336...Set of 2/1.99

(7) Rainbow Pack of Micro Test Clips. Four different colors—use when you need more than one black. Spring-action hook-type clips. 1½" long. 270-335...Set of 4/2.69

(8) Mini Test Clips. 1½" long hook-type clips. One red, one black. 270-372...Set of 2/1.89

Hobby Motor

High-torque, low-voltage DC motor is suitable for robotics, solar power demos. 8300 RPM max. 1½-VDC. About 1½" long (including shaft) by 5/8" dia. 273-223...89c

Transformers, Inductors

(1) 1:1 Audio Transformer. For phone interconnects, interstage coupling. Z: 600-9000. 273-1374...3.49

(2) Audio Output. 1000-ohm center-tapped primary. 8-ohm secondary. ¾ x ¾ x ¾. 273-1380...1.49

(3) Inductor Assortment. 30-piece set! Various RF, IF, video coils, chokes, transformers. 273-1601...1.98

Non-Insulated Clips

Top Performance and Appearance!

(1) 1" Alligator. Screwdriver terminals. Open to ¾". 270-346...Pkg. of 8/2.19

(2) 1½" Clow Clips. Screwdriver terminals. Open to 3/16". 270-345...Pkg. of 8/1.99

(3) 1½" All-Purpose Micro Clips. Copper-plated, non-serrated ends. Open to ⅝". 270-373...Pkg. of 10/1.89

(4) 1½" Mini Clips. Rated 1 amp. Open to ¼". 270-380...Pkg. of 12/1.69

Gold-Plated Clips

(1) 2" Slim Clips. Screwdriver terminals. Open to 3/16". 270-346...Pkg. of 8/2.19

(2) 1½" Clow Clips. Screwdriver terminals. Open to 3/16". 270-345...Pkg. of 8/1.99

(3) Audio Output. 1000-ohm center-tapped primary. 8-ohm secondary. ¾ x ¾ x ¾. 273-1380...1.49

(4) 1½" Mini Clips. Rated 1 amp. Open to ¼". 270-380...Pkg. of 12/1.69

Car Battery Clips

(1) 50-Amp. 4½" long, open to 1¼". One red, one black. 270-344...Set of 2/2.49

(2) 30-Amp. 3½" long, open to 1¼". One red, one black. 270-343...Set of 2/1.99

(3) 10-Amp, 2¼" long, open to ¾". One red, one black. 270-344...Set of 2/1.79

Insulated Clips

(1) 1½" Mini Clips. Screwdriver terminals. Open to 3/16". 270-346...Pkg. of 8/2.19

(2) 1½" Mini Clips. Crimp fins. Open to ¾". Four different colors. 270-378...Set of 10/1.99

(3) 2½" Heavy-Duty Clow Clips. Rated 10 amps. Screwdriver terminals. Open to ¾". One red, one black. 270-349...Set of 4/1.89

(4) 1½" Micro Clips. Brass plated. Open to 3/16". 270-347...Pkg. of 10/1.99

(5) ½" Mini 'Gator Clips. 270-347...Pkg. of 10/1.99

(6) ½" 'Gator Clips. 270-347...Pkg. of 10/1.99

SEE OUR VALUE-PACKED LINE OF TEST EQUIPMENT AND ACCESSORIES ON PAGES 134-135
### Two-Conductor Speaker Wire

1. Low-loss all-copper conductors with color coding for easy polarity identification. Clear plastic insulation.

#### Zip Cord Bargains

2. Two-conductor stranded copper wire with plastic insulation. Top quality, low price!

<table>
<thead>
<tr>
<th>Description</th>
<th>Gauge</th>
<th>Feet</th>
<th>Cat No</th>
<th>Each</th>
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<td>Low-Low-Clear</td>
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<td>16</td>
<td>100</td>
<td>278-1384</td>
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### Speaker MEGACABLE™

Our Finest-Ever Speaker Cable Features 12-gauge stranded pure copper conductors enclosed in tough clear plastic insulation. Embedded red stripe for polarity ID. \( \frac{2}{3} " \) wide. Great for high-power audio. 278-1268. Per Foot 99¢

### CB/Ham Mike Cable

Coiled extra-durable cable is specially designed for communications use. Has four color-coded conductors (one is shielded). Extends to five feet. 278-355

### Hook-Up Wire Packs

<table>
<thead>
<tr>
<th>Fig</th>
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### Shielded Cable

(1) Low As

2.99

(2) 20 Feet

2.99

### AC Power Cords

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<th>Feat</th>
<th>Cat No</th>
<th>Each</th>
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<td>1</td>
<td>Replacement Line Cord</td>
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<td>278-1320</td>
<td>99c</td>
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<td>2</td>
<td>With Three-Prong Plug</td>
<td>2955</td>
<td>278-1321</td>
<td>99c</td>
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<td>3</td>
<td>With Connector, Two-prong AC plug</td>
<td>2955</td>
<td>278-1322</td>
<td>99c</td>
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<td>4</td>
<td>With &quot;Business Machine&quot; Connector</td>
<td>2955</td>
<td>278-1323</td>
<td>99c</td>
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### Magnet Wire

Three-spool set: 40'-ft. of 22-ga., 75'-ft. of 26-ga., 205'-ft. of 30-ga. 278-1345

### SW Antenna, Accessories

(1) Complete Shortwave Antenna Kit. Includes 75 ft. of copper antenna wire, 50 ft. of lead-in wire, window feed-through and insulators. 278-758

(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

(3) Insulators. Strong, low-loss material for antenna center and end insulators or guy wire installation. 278-1333

(4) TV/Radio Connector Sealing Tape. Protects outdoor connections against damage. For CEE-style connector. Waterproof, non-corrosive material remains flexible 60° long. \( \frac{1}{2} " \) wide. 278-1645

### Telephone Cable

1. 4-Conductor Cable. Solid 24-gauge copper conductors, color coded. 50 Feet. 278-372 5.49

100 Feet. 278-373 10.95

2-Conductor Bulk. Sold by the foot. 278-1320

(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

### Intercom Cable

24-Gauge Conductors

Stranded 3-conductor, 50 feet. Flexible plastic jacket. Color-coded insulation. 278-371 4.39
Coax Cable, Connectors and Accessories

RF Connectors and Adapters

- **(1)** SO-239 Chassis Mount Socket. UHF-type. 278-201. 1.49
- **(2)** Soldertless 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 2/99c
- **(5)** Soldertless PL-259 Connector for RG59 and RGB/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
- **(7)** M-359 Right-Angle Adapter. SO-239 socket to PL-259 plug. 278-199. 1.79
- **(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-258 plugs. 278-1369. 1.69
- **(11)** Solderless Phone 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 1/4" crimping ring for extra holding power. 278-224. Pkg. 2/1.99
- **(2)** Type CF-59. For RG-59/U cable. 278-222. Pkg. of 2/99c
- **(3)** Type CF-56. For RG-6/U and "Alumina" type coaxial cables. 278-223. Pkg. of 2/99c
- **(5)** F-59 Crimp Rings. 278-217. Pkg. of 6/49c
- **(6)** F-61 Connectors. Mate with F-56 connector for extra holding power. 278-211. Pkg. of 6/49c
- **(7)** F-61 Coupler. Couples two F-59 connectors. 278-213. 99c
- **(8)** Female F Screw-On to Male F Push-On. 278-218. 2.19

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

BNC Connectors

- **(1)** Solderless Type UC-88 Male BNC. For RG58 Cable. 278-103. 2.59
- **(2)** UC-88 Male. 278-104. 2.59
- **(3)** Type UC-306/UC Right-Angle Adapter. BNC male to female. 278-116. 4.59
- **(4)** NEW! Type UC-274 BNC T Adapter. Two BNC females to one male. 278-112. 3.19
- **(5)** Type UC-306/UC 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 RG-59. 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 "A" Mini Plug. 278-257. 1.99
- **(15)** Right-Angle Female F to "A" Mini Plug. 278-258. 1.99

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
- **(5)** 50-Foot RG-58. PL-259 plug at each end. 278-971. 11.95
- **(6)** 2-Foot RG-58 Patch Cable. PL-259. each end. 278-968. 4.29
- **(7)** 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.

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
- **(4)** Coax Cable Cutter. Blades do not flatten cable. Preserves impedance. 278-244. 5.95
- **(5)** Coax Cable Striper. Adjustable blades give perfect strips with RG6, 59, 58, BM, 62 and other cables. 278-240. 11.95

SEE PAGES 128 AND 129 FOR AUDIO CONNECTORS AND ADAPTERS
We're the Place for Audio Plugs and Jacks

Everything in 1/4", 1/8" and 3/32" Phone Plugs

Gold-Plated Connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Price</th>
<th>Cat. No.</th>
<th>Pins</th>
<th>Price</th>
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<td>Chassis-Mount Phone</td>
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<td>Inline Phone</td>
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Inline Jacks

Ideal for Making Your Own Extension Cords

Values in Phono Jacks

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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

Enclosed Jacks

Low As 99c Each

<table>
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<tr>
<th>Fig</th>
<th>Size</th>
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<td>2</td>
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Plug and Inline Jack Sets

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See page 35 for more audio connectors, adapters and patch cords.
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.

15. Accepts 1/4" Stereo or Monaural Plug. Plugs Into 1/4" Mono Jack. 90° bend helps prevent cord and jack damage. 274-372 2.49

Adapters for Custom Hookups
(1) Three-Piece Monaural Adapter Set. Adapts 3/32", submini plug, 1/8" phone plug or phone plug to plug into 1/4" monaural jack. 274-359 2.99
(2) Accepts Two 1/4" Monaural Phone Plugs. Plugs Into 1/4" Mono Jack. Use two mikes with single mike input on recorder or amplifier. 274-309 2.99
(3) Accepts Two Phone Plugs. Plugs Into two cables with phone plugs. 274-1553 Pkg. of 2 2/1.39
(4) Accepts Two 1/4" Stereo or Mono Plugs. Coupler. 274-1555 1.99
(5) Accepts Phone Plug. Plugs Into 1/4" Mono Jack. 274-302 Pkg. of 2 2/2.79
(6) Accepts Two 1/4" Stereo or Mono Phone Plugs. Coupler. 274-1556 2.39
(7) Signal Reducer. Accepts phone plug. Plugs into 1/4" monaural jack. Built-in 40 dB attenuator lets you use a portable recorder's minute input to tape from line-level aux or tape-out sources without distortion. 274-300 2.79

Shielded Monaural Adapters
Metal Shielding Eliminates "Hum"
(2) Accepts 1/4" Submini Plug. Plugs Into 1/4" Jack. 274-326 1.59
(3) Accepts 1/4" Submini Plug. Plugs Into 1/4" Jack. 274-328 1.79
(4) Accepts 1/4" Phone Plug. Plugs Into 1/4" Jack. 274-047 1.19
(5) Accepts 1/4" Phone Plug. Plugs Into 1/4" Jack. 274-389, Pkg. of 2 2/2.99
(6) Accepts Phone Plug. Plugs Into 1/4" Jack. 274-330 1.99
(7) Accepts Two Phone Plugs. Plugs Into Phone Jack. Y-adapter for combining or dividing monaural signals. 274-303 1.99
(8) Accepts Two Phone Plugs. Plugs Into 1/4" Phone Jack. Y-adaptor for combining or dividing signals. 274-304 1.99
(9) Accepts Two Phone Plugs. Plugs Into Phone Jack. 90° bend is ideal for tight spaces—helps prevent broken jacks and cable damage. 274-306 3.29

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 with XLR plug. Plugs into 1/4" phone jack. Use with XLR plug. Plugs into XLR jack. Let's you use high-impedance unbalanced mikes 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
Replacement plugs for use with Radio Shack Universal AC-DC and DC-to-DC adapters (except #270-1528 and #270-1562). Eleven pieces, color-coded and indexed for easy identification. See page 153 for complete adapters. 274-1501 7.29

RADIO SHACK—AMERICA'S ELECTRONICS PARTS PLACE SINCE 1921
### Ohm's Law and Parallel Resistance Calculations

- **1 Ohm**
- **10 Ohms**
- **100 Ohms**
- **1k Ohms**
- **10k Ohms**
- **100k Ohms**
- **1M Ohms**
- **10M Ohms**
- **100M Ohms**
- **1G Ohms**

**Ohm's Law**

\[ V = I \times R \]

where:
- \( V \) is voltage
- \( I \) is current
- \( R \) is resistance

**Parallel Resistance**

- \( \frac{1}{R_{eq}} = \frac{1}{R_1} + \frac{1}{R_2} + \ldots + \frac{1}{R_n} \)

### Your Nearby Source of Resistors and Controls

#### Knobs for 1/4" Diameter Shafts

<table>
<thead>
<tr>
<th>Color</th>
<th>Image</th>
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</tr>
<tr>
<td>Silver</td>
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#### 1/2-Watt Resistors

<table>
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<tr>
<th>Value</th>
<th>Catalog No</th>
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</tr>
</thead>
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<tr>
<td>1 Ohm</td>
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<tr>
<td>10 Ohms</td>
<td>271-003</td>
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<td>19¢</td>
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#### 1/4-Watt Resistors

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<tr>
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<td>10 Ohms</td>
<td>271-102</td>
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<td>39¢</td>
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#### Thermistors

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<th>Catalog No</th>
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<td>10 kΩ</td>
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#### Pot/Trimmer 12-Pack

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<td>100 kΩ</td>
<td>271-132</td>
<td>Linear</td>
<td>19¢</td>
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#### Wirewounds

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<tr>
<td>10 kΩ</td>
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<td>10%</td>
<td>49¢</td>
</tr>
<tr>
<td>100 kΩ</td>
<td>271-134</td>
<td>10%</td>
<td>49¢</td>
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#### Resistor Kits

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<tr>
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<td>271-135</td>
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<td>49¢</td>
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<tr>
<td>1M kΩ</td>
<td>271-136</td>
<td>10%</td>
<td>49¢</td>
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#### Panel-Mount Controls

<table>
<thead>
<tr>
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<tbody>
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<td>49¢</td>
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<tr>
<td>1M kΩ</td>
<td>271-138</td>
<td>10%</td>
<td>49¢</td>
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#### Quality at Low Cost — Stock Up and Save!

1. **1/4-Watt Carbon Film, 5% tolerance**: Set of 100 with 13 popular values ranging from 10 ohms to one megohm.
2. **1/2-Watt Precision Metal Film, 1% tolerance**: 50-piece set with 12 popular values ranging from 10 ohms to one megohm.
3. **1/2-Watt Carbon, 5% tolerance**: 100-piece set with 13 popular values ranging from 10 ohms to one megohm.
4. **1/2-Watt Carbon Film, 5% tolerance**: Jumbo 500-piece set with 54 popular values ranging from 10 ohms to 10 megohms.
5. **1/2-Watt Carbon, 10% tolerance**: 100-piece set with 21 popular values ranging from 100 ohms to one megohm.

#### 1-Watt Precision Metal Film

<table>
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<th>Price</th>
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<tr>
<td>100 kΩ</td>
<td>271-140</td>
<td>10%</td>
<td>49¢</td>
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#### 1-Watt Precision Carbon Film

<table>
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<th>Value</th>
<th>Catalog No</th>
<th>Tolerance</th>
<th>Price</th>
</tr>
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<tbody>
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<td>49¢</td>
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<tr>
<td>100 kΩ</td>
<td>271-142</td>
<td>10%</td>
<td>49¢</td>
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</table>

#### 2-Watt Rheostat


#### PC-Board Pots

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<th>Tolerance</th>
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<tbody>
<tr>
<td>10 kΩ</td>
<td>271-143</td>
<td>10%</td>
<td>49¢</td>
</tr>
<tr>
<td>100 kΩ</td>
<td>271-144</td>
<td>10%</td>
<td>49¢</td>
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#### 15-Turn Trimmers

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<th>Tolerance</th>
<th>Price</th>
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</thead>
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<td>49¢</td>
</tr>
<tr>
<td>10 kΩ</td>
<td>271-146</td>
<td>10%</td>
<td>49¢</td>
</tr>
</tbody>
</table>

#### Thermistor

**High Precision**

Converts temperatures to proportional resistances. Ideal for any circuit relying on temperature sensing over -50° to +110° C range. 10 kΩ resistance at room temperature. Stock up!

#### Miniature PC Pots

<table>
<thead>
<tr>
<th>Value</th>
<th>Catalog No</th>
<th>Tolerance</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>10 kΩ</td>
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<td>49¢</td>
</tr>
<tr>
<td>100 kΩ</td>
<td>271-148</td>
<td>10%</td>
<td>49¢</td>
</tr>
</tbody>
</table>

#### Metal-Oxide

**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. Stock up!
The Shack® Has the Capacitors You Need

Electrolys

<table>
<thead>
<tr>
<th>µF</th>
<th>WVDC</th>
<th>Cat. No.</th>
<th>Each</th>
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<tr>
<td>4.7</td>
<td>35</td>
<td>272-1012</td>
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<td>35</td>
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<td>35</td>
<td>272-1014</td>
<td>69</td>
</tr>
<tr>
<td>47</td>
<td>35</td>
<td>272-1015</td>
<td>69</td>
</tr>
<tr>
<td>100</td>
<td>35</td>
<td>272-1016</td>
<td>79</td>
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<tr>
<td>220</td>
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<td>272-1017</td>
<td>89</td>
</tr>
<tr>
<td>470</td>
<td>35</td>
<td>272-1018</td>
<td>99</td>
</tr>
<tr>
<td>1000</td>
<td>35</td>
<td>272-1019</td>
<td>1.59</td>
</tr>
<tr>
<td>2200</td>
<td>35</td>
<td>272-1020</td>
<td>2.49</td>
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<td>4700</td>
<td>35</td>
<td>272-1022</td>
<td>3.59</td>
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<tr>
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<tr>
<td>2200</td>
<td>50</td>
<td>272-1048</td>
<td>3.49</td>
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Radial Type

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<th>WVDC</th>
<th>Cat. No.</th>
<th>Each</th>
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<tbody>
<tr>
<td>22</td>
<td>16</td>
<td>272-956</td>
<td>79</td>
</tr>
<tr>
<td>470</td>
<td>16</td>
<td>272-957</td>
<td>89</td>
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<tr>
<td>1000</td>
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<td>99</td>
</tr>
<tr>
<td>4.7</td>
<td>35</td>
<td>272-1024</td>
<td>49</td>
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<td>10</td>
<td>35</td>
<td>272-1025</td>
<td>59</td>
</tr>
<tr>
<td>22</td>
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<td>79</td>
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<td>470</td>
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<td>272-1030</td>
<td>99</td>
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<td>1000</td>
<td>35</td>
<td>272-1032</td>
<td>1.59</td>
</tr>
<tr>
<td>2200</td>
<td>50</td>
<td>272-1044</td>
<td>89</td>
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Non-Polarized

<table>
<thead>
<tr>
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<th>WVDC</th>
<th>Cat. No.</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>1.0</td>
<td>10 kHz</td>
<td>272-996</td>
<td>79</td>
</tr>
<tr>
<td>4.7</td>
<td>8 kHz</td>
<td>272-997</td>
<td>79</td>
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<tr>
<td>4.7</td>
<td>4 kHz</td>
<td>272-998</td>
<td>89</td>
</tr>
<tr>
<td>10</td>
<td>2 kHz</td>
<td>272-999</td>
<td>99</td>
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</tbody>
</table>

Now Hear This! Buzzers for Alerters, Alarms, Timers and Fun

PC-Mount Transducer

Use when a speaker is required and space is limited. Only 7/8" diameter! 1 W. 700 to 3000 Hz. 8 ohms. 273-090 . 4.99

Piezo Buzzers

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>DC Voltage</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>273-053</td>
<td>1.2 to 3</td>
<td>1.99</td>
</tr>
<tr>
<td>273-054</td>
<td>6</td>
<td>1.99</td>
</tr>
<tr>
<td>273-055</td>
<td>12</td>
<td>1.99</td>
</tr>
</tbody>
</table>

(1) Two-Tone, Loud—100 dB minimum at 2500 Hz. Requires 130 mA at 12 VDC. 273-070 . 9.95
(2) Pulsing or Continuous. Easily panel mounted. Requires 130 mA at 12 VDC. 273-070 . 9.95
(3) Fixed-Frequency. Three-wire type. Up to 90 dB at 6.5 kHz. Requires 130 mA at 12 VDC. 273-070 . 9.95

Electronic Buzzers

<table>
<thead>
<tr>
<th>DC Voltage</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 to 3</td>
<td>273-053</td>
<td>1.99</td>
</tr>
<tr>
<td>6</td>
<td>273-054</td>
<td>1.99</td>
</tr>
<tr>
<td>12</td>
<td>273-055</td>
<td>1.99</td>
</tr>
</tbody>
</table>

(1) Pulsing Buzzer. Piercing 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 1/4" apart. 4 x 4 leads. 273-058 . 3.49

(2) Mini DC Buzzers. Small enough to hide! Loud enough to demand attention! 1/16" mounting centers. With leads. 273-058 . 3.49

SEE PAGE 92 FOR INFORMATION ON LARGE QUANTITY DISCOUNTS
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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
<th>mA</th>
<th>Type</th>
<th>Base</th>
<th>Cat No.</th>
<th>Pkg. of Price</th>
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<tbody>
<tr>
<td>K1</td>
<td>2.4</td>
<td>600</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-1142</td>
<td>2/0.89</td>
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<tr>
<td>K2</td>
<td>2.4</td>
<td>830</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-1143</td>
<td>2/0.89</td>
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<tr>
<td>K3</td>
<td>3.6</td>
<td>800</td>
<td>T-1-3/4</td>
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<td>K4</td>
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<td>750</td>
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<td>E-5 Threaded</td>
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<td>K5</td>
<td>2.33</td>
<td>700</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-1146</td>
<td>2/0.89</td>
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</tbody>
</table>

LEDs in Panel-Mount Holders

Low As $1.49

(1) NEW! 12-Volt Red LED 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! 276-088 1.79
(3) Two-Color, Outputs red or green. Requires 3VDC at 10 mA per segment. #7/8" mounting hole. 276-025 1.49
(4) Chrome Holders. #7/8" Mounting hole.

Miniature Lamps

Mini Lamps With Leads. 25 mA

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
<th>mA</th>
<th>Type</th>
<th>Base</th>
<th>Cat No.</th>
<th>Pkg. of Price</th>
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<tbody>
<tr>
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<td>1.5</td>
<td>2.8</td>
<td>HPR50</td>
<td>Halogen</td>
<td>272-1139</td>
<td>2/1.99</td>
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<tr>
<td>K2</td>
<td>6.3</td>
<td>99</td>
<td>HPR52</td>
<td>Halogen</td>
<td>272-1140</td>
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<td>12.0</td>
<td>99</td>
<td>HPR52</td>
<td>Halogen</td>
<td>272-1141</td>
<td>2/1.99</td>
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</table>

Halogen Lamps

395 Each

(1) NEW! HPR50. For four-cell flashlights and six-volt lanterns. Rated 5.2 volts, 0.85 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

Super-Bright Krypton Lamps

79¢ Each

Can be Used to Replace PR-Type Lamps — For Example, K4 Replaces PR4

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
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<th>Cat No.</th>
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<td>600</td>
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<tr>
<td>K2</td>
<td>2.4</td>
<td>830</td>
<td>272-1157</td>
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<td>K3</td>
<td>3.6</td>
<td>800</td>
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<td>4.8</td>
<td>700</td>
<td>272-1162</td>
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<td>6.0</td>
<td>650</td>
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<tr>
<td>K18</td>
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<td>700</td>
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12V Lamp Assemblies

Include Bulbs

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<th>mA</th>
<th>Type</th>
<th>Base</th>
<th>Cat No.</th>
<th>Pkg. of Price</th>
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<tbody>
<tr>
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<td>2.33</td>
<td>480</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-336</td>
<td>2/2.49</td>
</tr>
<tr>
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<td>2.4</td>
<td>600</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-337</td>
<td>2/2.49</td>
</tr>
<tr>
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<td>2.4</td>
<td>830</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-338</td>
<td>2/2.49</td>
</tr>
<tr>
<td>K3</td>
<td>3.6</td>
<td>800</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
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<td>2/2.49</td>
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<td>700</td>
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<td>E-5 Threaded</td>
<td>272-340</td>
<td>2/2.49</td>
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<td>650</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-341</td>
<td>2/2.49</td>
</tr>
<tr>
<td>K18</td>
<td>7.2</td>
<td>700</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-342</td>
<td>2/2.49</td>
</tr>
</tbody>
</table>

120-Volt Neons

2/1.79

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
<th>mA</th>
<th>Type</th>
<th>Base</th>
<th>Cat No.</th>
<th>Pkg. of Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K4</td>
<td>2.33</td>
<td>480</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-370</td>
<td>2/1.79</td>
</tr>
<tr>
<td>K1</td>
<td>2.4</td>
<td>600</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-371</td>
<td>2/1.79</td>
</tr>
<tr>
<td>K2</td>
<td>2.4</td>
<td>830</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-372</td>
<td>2/1.79</td>
</tr>
<tr>
<td>K3</td>
<td>3.6</td>
<td>800</td>
<td>T-1-3/4</td>
<td>E-5 Threaded</td>
<td>272-373</td>
<td>2/1.79</td>
</tr>
</tbody>
</table>

Super-Bright Lamps

Low As $1.49

(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¢

Small Panel Mount Holders

99¢ Each

(1) E-10 Base. 272-356 99¢
(2) Bayonet Base. 272-355 99¢
### Power Converters and AC/DC Adapters

#### Foreign AC Power Converters and Plug Adapters

Use 120VAC Personal Appliances In Countries With 240VAC Power

<table>
<thead>
<tr>
<th>Low As</th>
<th>Your Best Travel Companion</th>
<th>Compact Size</th>
<th>Overload Protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.95</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. **50-Watt Converter/Transformer**
   - Converts 240VAC to 120VAC to operate most cassette recorders, radios, photo-flash units, battery chargers, calculators, razors, lens sterilizers and appliances up to 50 watts.
   - 91/2 oz. 15/8 x 25/e x 1'/4'
   - 1495

1. **1000-Watt Converter**
   - Allows use of 120VAC nonmotorized heating appliances from 240VAC.
   - For most irons, curlers, curling irons, heating pads, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers.
   - 3 oz. 31/2 x 17/8 x 17/e
   - 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 to 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.

<table>
<thead>
<tr>
<th>(1) Universal AC to DC Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>273-1650</td>
</tr>
<tr>
<td>12.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) Universal DC Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plugs into vehicle lighter socket. Switch selects 3, 4.5, 6, 7.5 or 9VDC output. Includes six Adaptaplugs.</td>
</tr>
<tr>
<td>270-1560</td>
</tr>
<tr>
<td>15.95</td>
</tr>
</tbody>
</table>

Six-Piece Adaptaplug Set: 274-1501 . 7.29

<table>
<thead>
<tr>
<th>(3) High-Current DC Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Like Fig. 2, but provides 6, 9 or 12VDC output. Fused. With four coaxial plug sizes.</td>
</tr>
<tr>
<td>270-1562</td>
</tr>
<tr>
<td>13.95</td>
</tr>
</tbody>
</table>

**AC Adapters for Radio Shack Equipment And Most Other Brands**

<table>
<thead>
<tr>
<th>Low As</th>
<th>5.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) 9VDC, 300 mA max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector: coaxial &quot;barrel-type&quot; plug with outside diameter of 5.5 mm and inside diameter of 2.1 mm.</td>
</tr>
<tr>
<td>273-1455</td>
</tr>
<tr>
<td>7.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(3) 6VDC, 150 mA max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coaxial-type connector as above.</td>
</tr>
<tr>
<td>273-1454</td>
</tr>
<tr>
<td>7.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(4) 9VDC, 25 mA max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector is a 1/8&quot; submini-type phone plug.</td>
</tr>
<tr>
<td>273-1431</td>
</tr>
<tr>
<td>6.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(5) 3VDC, 200 mA max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector is a 1/8&quot; submini-type phone plug.</td>
</tr>
<tr>
<td>273-1435</td>
</tr>
<tr>
<td>6.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(6) 9V Battery Eliminator, 25 mA max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector is snap-type as used on 9-volt rectangular batteries.</td>
</tr>
<tr>
<td>273-1552</td>
</tr>
<tr>
<td>5.95</td>
</tr>
</tbody>
</table>

**Universal AC to DC And Car DC Adapters**

<table>
<thead>
<tr>
<th>(1) Universal AC to DC Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal AC to DC Adapter.</td>
</tr>
<tr>
<td>273-1650</td>
</tr>
<tr>
<td>12.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) Universal DC Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal DC Adapter.</td>
</tr>
<tr>
<td>270-1560</td>
</tr>
<tr>
<td>15.95</td>
</tr>
</tbody>
</table>

Six-Piece Adaptaplug Set: 274-1501 . 7.29

**Grounded AC Outlet Analyzer**

<table>
<thead>
<tr>
<th>5.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protects Valuable Tools and Appliances</td>
</tr>
</tbody>
</table>

| Plug in AC before using electrical equipment—readout warns if a grounded (3-wire) outlet is miswired. |

| 22-101 |
| 5.95 |

**120VAC to 12VDC Power Supplies**

For Operating or Servicing Mobile CBs, Ham Transceivers and Autosound at Home

| 39.95 |

| 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. |
| 22-120 |
| 39.95 |

| 12VDC Supply. |
| Same function as above but non-regulated and rated 1.75 amps continuous. |
| 22-127 |
| 26.95 |

**RADIO SHACK—68 YEARS OF VALUE, SERVICE AND RELIABILITY**
Micronta® Multitesters—Versatility and Value!

28-Range FET VOM

- 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. 7 1/4 x 5 1/2 x 2 3/4". Requires one "C" battery. 22-220

4995

43-Range Multitester

- Range Doubler
- "Beep" Continuity Function
- Low DC Ranges—125mV and 25uA

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 150 mA, resistance to 100,000 ohms. 3 1/2 x 2 1/4 x 1 1/4". Requires one "AA" battery. 22-214

3995

Rugged 25-Range Foldup Multitester

- 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. 7 1/4 x 4 1/4 x 1 1/4". Requires one "AA" battery. 22-211

2995

Pocket Multitester

- Compact and Durable
- Just Right for Your Tool Kit or Car Glove Compartment

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. 3 1/2 x 2 1/4 x 1 1/4". Requires one "AA" battery. 22-212

1995

Latching Continuity Tester For Fast Troubleshooting

- 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. 4 1/8 x 2 1/4 x 1 1/4". Requires 9V battery. 22-110

NEW FOR 89

1695

Clamp-On AC Ammeter And Voltmeter

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 x 2 x 3/4". 22-161

4995

Deluxe Battery Tester

Know the True Condition of Your Batteries

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. 1 3/4 x 3 1/2 x 5 1/4". For battery tests only. 22-032

1095

All Micronta® Multimeters, Digital Multimeters and Clamp-On AC Volt/Ammeter Are UL 1244 Listed
Our Multitesters With LCD Digital Display

Benchtop Digital LCD Multimeter

99.95 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. 2 1/2 x 8 x 4 3/4". Fuse and overload protected. Requires 4 "C" batteries. 22-195

99.95

Revolving Credit Available
See Page 3

Probe-Style Autoranging Multimeter

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. 2 1/2 x 6 7/8 x 3 7/8". Requires 2 "AA" batteries. 22-188

24.95

Pocket Autoranging DVM

- 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. 4 1/4 x 2 1/2 x 9 1/4". With two RS-357A batteries, miniprobes, folding case. 22-171

24.95

(1) Insulated Alligator Clips. Slip over probe tips. 270-354
(2) Mini-Hook Test Clip Adapter. 270-334
(3) Mini-Clip Test Leads. 4" long. Mini-clip to banana plug. 278-1160
(4) Mini-Clip Jumper. 20" long. Mini-clip at each end. 278-016
(5) Micro-Test Clip Jumper. 278-017
(6) Pin-Tip Test Leads. 36" long. 4 "1/2" probe to pin-tip plug. 278-705
(7) Right-Angle Pin-Tip Test Leads. 36" long. Probe at one end, 90° banana plug at the other. 278-712
(8) Banana-Plugs Test Leads. 36" long. 4 "1/2" probe to banana plug. 278-704
(9) Colored 6-Foot Leads. Probe to banana plug. 278-750
(10) Coiled 6-Foot Leads. Banana-Plugs test leads. Banana plug to spring-action "grabber" hook. 278-018

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

39.95

- 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

Iron-Clad Tips. (2-pack) 64-2089

3.99

- 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

Replacement Tips. Standard 2.4mm, 1mm for precision work, hot knife tip all available on special order. Ask your store manager.

100-Watt Gun

10.95

Pull the trigger for full temperature in seconds. Easy-to-hold molded pistol grip. UL listed AC. 64-2193

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

Solder & Tinner

8.95

- Go from 15 to 30 watts at the flick of a switch. Handles most electronic/electrical projects 81/4" long. UL listed AC. 64-2055
- Replacement Tip. 64-2065

99c

- Hi-Tech Solder. 63/37 formula, 050, 1.5 oz. 64-015
- Silver Solder. 62/36/2% formula, 028, 1.5 oz. 64-013
- Tip Tinner/Cleaner. Self-adhesive base. 64-020

10.95

- Hi-Tech Solder. 63/37 formula, 050, 1.5 oz. 64-015
- Silver Solder. 62/36/2% formula, 028, 1.5 oz. 64-013
- Tip Tinner/Cleaner. Self-adhesive base. 64-020

Pocket Gas Torches

25.95

- Soldering/Brazing Torch. Has one butane and two micronox cylinders, two tips 64-2165
- Butane Cyl. 64-2166, Pkg. 2/3.29

Soldering Set

7.95

- UL listed AC 30-watt iron, stand, soldering helper, pliers, diag. cutter, three screwdrivers and heat sink. 64-2801

10.95

- UL listed AC 30-watt iron, stand, soldering helper, pliers, diag. cutter, three screwdrivers and heat sink. 64-2801

Project Helpers

1.29

- Hi-Tech Solder. 63/37 formula, 050, 1.5 oz. 64-015
- Silver Solder. 62/36/2% formula, 028, 1.5 oz. 64-013
- Tip Tinner/Cleaner. Self-adhesive base. 64-020

10.95

- Hi-Tech Solder. 63/37 formula, 050, 1.5 oz. 64-015
- Silver Solder. 62/36/2% formula, 028, 1.5 oz. 64-013
- Tip Tinner/Cleaner. Self-adhesive base. 64-020

Desoldering Iron

7.95

- UL listed AC 30-watt iron, stand, rosin core solder, soldering helper, heat sink and instructions. 64-2802

10.95

- UL listed AC 30-watt iron, stand, rosin core solder, soldering helper, heat sink and instructions. 64-2802

High-Quality Solder

4.99

- Use on auto electrical and electronic wiring jobs. 12-foot cord with cigarette lighter plug. 64-2105
- Tip. 64-2072

1.19

- Use on auto electrical and electronic wiring jobs. 12-foot cord with cigarette lighter plug. 64-2105
- Tip. 64-2072

Create Your Own Iron

4.99

- Use on auto electrical and electronic wiring jobs. 12-foot cord with cigarette lighter plug. 64-2105
- Tip. 64-2072

136

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
**Magnetic Products**

<table>
<thead>
<tr>
<th>Fig</th>
<th>Type</th>
<th>Cat No</th>
<th>Roll Length</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1&quot; Rectangular</td>
<td>64-1875</td>
<td>6&quot;</td>
<td>18¢</td>
</tr>
<tr>
<td>5</td>
<td>1½&quot; Round</td>
<td>64-1885</td>
<td>6&quot;</td>
<td>17¢</td>
</tr>
<tr>
<td>6</td>
<td>½&quot; Button</td>
<td>64-1880</td>
<td>6&quot;</td>
<td>15¢</td>
</tr>
</tbody>
</table>

Ideal for repairing plastic parts by molding, adding material or joining broken parts. 64-2304. 4.99

**Plastic Repair Kit**

Ideal for repairing plastic parts by molding, adding material or joining broken parts. 64-2304. 4.99

**2-Sided Foam Tape**

The quick way to attach accessories to car dash, TV or phone. 3/4" wide. 64-2343. 1.69

**Electrical Tape Assortment**

PVC vinyl tape. Includes five ¾"-wide by 12-foot rolls. 64-2340. Set 1.99

**Oiler and Lube Gel**

(1) Precision Oil. Use on electronic equipment, tools, appliances. Noodle 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**

Prevents electrostatic charging of insulating surfaces when handling sensitive components and computer products. 64-2330. 1.99

**9KV Dielectric Tape**

UL Recognized. ½" Wide. 12½2-foot roll. 64-2348. 59¢. ⅜" Wide. 20-foot roll. 64-2349. 89¢. ⅛" Wide. 66-foot roll. 64-2350. 1.39

**All-Purpose Fasteners**

(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

**High-Bond Mounting Tape**

(1) TV Tuner Cleaner. Cleans dirty contacts in mechanical TV tuners. Also effective on "scratchy" volume and tone controls. 6 oz. 64-2315. 2.29

(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. 6 oz. 64-2324. 2.29

(6) Rosin Flux Remover. Removes soldering flux deposits from electronic circuits. 6 oz. 64-2324. 1.89
# You'll Get the Job Done With Archer® Tools

## Electronic STUDFINDER
**19.95**

- 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

## Illuminated Hand Microscope
**9.95**

- 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

## Lighted Magnifier
**4.95**

- Dual Magnification

Read with 2¼" main lens or use 1½" inset for fine type, coins, maps. Requires 2 "AA" batteries. 63-848

### Deluxe 16-Piece Precision Tool Set
**10.95**

- High Quality, Low Price
- 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.

<table>
<thead>
<tr>
<th>Tool Set</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>64-1961</td>
</tr>
</tbody>
</table>

### Tool Sets for Detail Work

#### Precision Screwdrivers
**4.29**

- A Must for Hobbyists

Screwdrivers. Size #1-6. 64-1948

Phillips and Hex Keys. 64-1958

Two Phillips and Four Standards. 64-1959

Crosspoint Set. Set of six screwdrivers. 64-1962

Mini Screwdriver. Set of three. 64-1982

#### Versatile Set
**1.49**

4-pc. set includes an awl, two flatheads and Phillips.

64-1819

#### Reversible Driver
**2.69**

Driver bar has a Phillips on one end and standard head on the other.

64-1950

#### TV Tool Sets

#### 5-Piece
**2.99**

5-Piece. 64-2220

#### 2-Piece
**0.99**

2-Piece. 64-2223

#### Anti-Static
**3.99**

64-2230

### Screwdriver Set
**5.99**

- 7-Pc. Set. Includes stubby, midget, mechanics' sizes and #1-2 Phillips.

64-1823

### TV Tool Sets

#### 5-Piece
**2.99**

#### 2-Piece
**0.99**

#### Anti-Static
**3.99**

64-2230

### Project Holder
**7.99**

“Helping Hands”

A third hand for soldering, gluing, painting, repairing.

64-2093

### Strong Mini-Vise
**3.99**

- Vacuum Base

Instantly mounts to smooth surfaces.

64-2094

### 6" Forceps
**4.95**

- 3-Position Lock

Use for holding parts and as a temporary heat sink. Curved, serrated tip. Stainless steel.

64-1866

### Locking Pliers
**4.99**

- Doubles As Wrench

Use it to cut wire, bend light-gauge sheet metal, hold parts. 6" long.

64-1864

### Mini Drill
**3.49**

Use on PC boards and light material. Two extra bits in the handle.

64-2097

### Hex Key Set
**2.99**

Has 18 tempered steel keys to fit popular hex nuts.

64-1849

### Nibbling Tool
**9.95**

- Easy Cuts

Neatly cuts up to 18-gauge steel, ⅛" copper, aluminum and plastic.

64-823

### Handy Knives
**1.29**

- 10-Blade Knife Set, Interchangeable steel blades.

64-1801

Multi-Purpose Hobby Knife.

64-1805

### Tapered Reamer
**4.99**

Carbon Steel

Cuts holes up to ⅛" diameter in aluminum and plastic.

64-815

### Mini Clamps
**2.99**

Set of Three

Secures holds projects together. Openings: ¼", ½", 1⅛".

64-2096

### PRICES APPLY AT PARTICIPATING STORES AND DEALERS
Tools & Accessories to Make Wiring Easy

### "Pro"-Quality Wire Stripper

- Easy To Use
- 10.95

You get nick-free strips every time with this spring-action tool. For 8 to 22-gauge wire. 7" long.

### Crimping Tool Set

- 10.95
- Deluxe Set

Includes heavy-duty tool, 100-piece assortment of popular terminals, compartmented case. 64-409

- 10.95

### Professional Tools

- 6.49 Each

(1) 5/8" Long-Nose Pliers. 64-1812
(2) 4/5" Diagonal Cutters. 64-1813

### High-Quality Tools

- 3.99 Each

(1) 4-1/8" Long-Nose Pliers. 64-1843
(2) 4-1/8" Diagonal Cutters. 64-1841

### Super-Value Tools

- 3.49 Each

(1) 6-1/2" Long-Nose Pliers. 64-1844
(2) 6" Diagonal Cutters. 64-1845

### Low-Priced Hardware Handy-Packs

|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

### Crimping Tool

- 5.49 Cushioned Handles

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfort-grip handles. 8½" long. 64-404

### Wiring Tool

- 1.19

### Nippy Cutters

- 3.49

Spring Action

Flush-cutting design lets you trim leads close. 5" long. 64-1833

### Phone Tool

- 6.99

Cushion Grips

For "pro"-quality phone installations. Built-in cutter Use with phone connectors, below. 64-410

### "Dial" Stripper

- 89¢ Per Pack

Turn dial to strip wire. Insulated grips. Pkg. of 8. 64-3038

### Wire Staples

- 1.19 Each

(1) Insulated Butt Connector. 64-3073
(2) Insulation-Piercing Spade Lug. 64-3070

### Car Power Taps

- 1.69 Pkg. Of 4

Industry standard self-strip type. Use when adding additional outlets, also for alarm wiring. 64-3080

### Wire Tap-Ins

- 1.69 Pkg. Of 10

For fast and safe hookups to car battery cable.

### Storage Boxes

<table>
<thead>
<tr>
<th>Size</th>
<th>Sect</th>
<th>Cat #</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>8½ x 4½ x 1½</td>
<td>6 or 18</td>
<td>64-555</td>
<td>2.79</td>
</tr>
<tr>
<td>4½ x 4½ x 1½</td>
<td>6</td>
<td>64-553</td>
<td>1.39</td>
</tr>
</tbody>
</table>

### Crimp Lugs

- 189 Per Pkg.

Ring, Hook, Large and Small Spades. Five types. 64-406

Insulated Crimp Lugs. Three different types. 64-407

Set of 75/1.89

### Telephone Wire Splices

- 1.19 Each

(13) Solderless Insulated Spade Terminals. Assorted as above. 64-3033
(14) Solderless #10 Spade Terminals. 12 each (22-18), (16-14) 64-3034
(15) Butt Connectors. 10 each (22-18) and (16-14). 64-3036
(16) Insulated Butt Connectors. Pkg. of 10. 64-3037
(17) Male Quick-Disconnects. Pkg. of 8. 64-3038
(18) Female Quick-Disconnects. Pkg. of 8. 64-3039
(19) Insulated Large Ring Terminals. Pkg. of 6. 64-3040
(20) Nylon-Insulated Closed-End Connectors. Five each. (22-18). 64-3041
(21) Solderless Spade. Pkg. of 10. 60-3042
(22) Solderless Flanged Spade. Pkg. of 24. 64-3043
(23) Solderless Insulated Flanged Spade. Pkg. of 10. 64-3044
(24) Female Flag Quick-Disconnect. Pkg. of 10. 64-3045
(25) Solderless Insulated Male/ Female Quick-Disconnects. For 22-14 wire size. Includes four sets. 64-3049
(26) Bullet Connectors. Insulated Pkg. of 9. 64-3047
(27) Single Female to Dual Male Quick-Disconnect. Includes three right angle and three offset. 64-3061

### 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

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

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

61-2699 $9.95

AC Voltage Spike Protectors

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 $9.95
Heavy-Duty Single Outlet. Twice the spike protection of standard unit, below. Rated 15 amps at 120VAC. 61-2792 $7.95
Single Outlet. Status indicator light. 15A, 120VAC. 61-2791 $4.95

61-2780 $29.95

Automatic Light Controls

Turn On at Dusk, Off at Dawn

Outdoor. Fits most driveway or patio fixtures with PAR-38 sockets. 150W max. 61-2775 $7.95
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

61-2775 $9.95

Automatic Light Controls

Save You Money

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 $4.79

61-2725 $4.79

4 and 6-Outlet Power Strips

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.

(1) 3-Outlet Cube Tap. 61-2714 $4.95
(2) Grounded Adapter. Converts 3-prong to two. 61-2720 $5.95
(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

61-2714 $1.69

Wireless RF Switch

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

Automatic Light Controls

Wireless Sonic Switch

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.

61-1160 $3.99

Light Bulb Life-Extenders

Save You Money

Package Of 4

Each

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

61-2702 $1.39

Multi-Outlets and Adapter

Extension Cords

Cords are polarized. HD = Heavy Duty

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 White, 3-Outlet</td>
<td>61-2744</td>
<td>1.79</td>
</tr>
<tr>
<td>6 Brown, 3-Outlet</td>
<td>61-2745</td>
<td>1.79</td>
</tr>
<tr>
<td>9 White, 3-Outlet</td>
<td>61-2746</td>
<td>2.19</td>
</tr>
<tr>
<td>9 Brown, 3-Outlet</td>
<td>61-2747</td>
<td>2.19</td>
</tr>
<tr>
<td>15 White, 3-Outlet</td>
<td>61-2748</td>
<td>3.29</td>
</tr>
<tr>
<td>25 Brown, 2-Wire</td>
<td>61-2759</td>
<td>3.99</td>
</tr>
<tr>
<td>3 Grounded, 3-Outlet</td>
<td>61-2764</td>
<td>4.49</td>
</tr>
<tr>
<td>10 Grounded, HD</td>
<td>61-2765</td>
<td>4.49</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Cell Type</th>
<th>Volts</th>
<th>Amp Hours</th>
<th>Replacement for</th>
<th>Catalog Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;D&quot;</td>
<td>1.25</td>
<td>1.1</td>
<td>Eveready</td>
<td>CH50</td>
<td>23-123 Pkg. of 2/6.29</td>
</tr>
<tr>
<td>2</td>
<td>&quot;AA&quot;</td>
<td>1.25</td>
<td>0.450</td>
<td>GE</td>
<td>CH15</td>
<td>23-125 Pkg. of 2/4.39</td>
</tr>
<tr>
<td>3</td>
<td>&quot;C&quot;</td>
<td>1.25</td>
<td>1.1</td>
<td>Duracell</td>
<td>CH35</td>
<td>23-124 Pkg. of 2/6.29</td>
</tr>
<tr>
<td>4</td>
<td>9-Volt</td>
<td>7.2</td>
<td>0.065</td>
<td>Eveready</td>
<td>CH22</td>
<td>23-126 Each/9.95</td>
</tr>
<tr>
<td>5</td>
<td>&quot;AAA&quot;</td>
<td>1.25</td>
<td>0.150</td>
<td>GE</td>
<td>CH12</td>
<td>23-127 Pkg. of 2/5.29</td>
</tr>
<tr>
<td>6</td>
<td>&quot;N&quot;</td>
<td>1.25</td>
<td>0.150</td>
<td>GE</td>
<td>CH12</td>
<td>23-128 Pkg. of 2/5.29</td>
</tr>
</tbody>
</table>

You can use these batteries 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.

HI-CAPACITY™ Heavy-Duty Ni-Cd Cells

For high-current-drain equipment where dependability is a must. Last much longer than regular Ni-Cd batteries between charges.

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Cell Type</th>
<th>Volts</th>
<th>Amp Hours</th>
<th>Catalog Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;D&quot;</td>
<td>1.25</td>
<td>4.0</td>
<td>23-140</td>
<td>6.95</td>
</tr>
<tr>
<td>2</td>
<td>&quot;C&quot;</td>
<td>1.25</td>
<td>1.8</td>
<td>23-141</td>
<td>4.95</td>
</tr>
</tbody>
</table>

(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

(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 "D," "C" 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

Camcorder Battery

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 camcor- ders. 12V, 1500 mAh. 23-183 59.95

Available Oct. (3) 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

RADIO SHACK—68 YEARS OF VALUE, SERVICE AND DEPENDABILITY
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
---|---|---
1 | 5V | 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 | 6V | 1215 5AA 23-582 39

One of America's Favorite Batteries!

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!

Battery Checkers

Low As $4.59

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

13.95

Charges 2 or 4 Batteries

Charges "C", "D", "AA" and 9V. Cannot overcharge. For ENERCELL General-Purpose and Extra-Life only. 2¾" x 8½" x 3½". 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

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!

### Hi-Energy Lithiums

High Leakage Resistance

Outperform alkalines! High energy density, extra-long life, lighter in weight.

### Calculator and Watch Batteries

Formulated to keep working longer and harder than comparable batteries, these ENERCELLs are custom-engineered for electronic applications.

---

### 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.

---

### 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.

1.4V Mercury-Powered Packs

Don't miss a word just because of a bad hearing aid battery! Radio Shack has long-life replacements.
Light Where You Need It When You Need It

Dual-Floodlight Infrared Security System

59.95 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

Illuminate Entryway or Drive

Metal Pocket Light

9.95
- 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

3-in-1 Fluorescent Lantern

14.95
- Use as searchlight, area light or warning light. Twin blinkers. Handy carry strap, 12VDC car adapter cord. Requires 4 "D" batteries.
61-2739

144

ERE LITE™ Values

(1) 9.99
(2) 4.99
(3) 3.99

(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

7.95
- fluorescent light for reading and extra-bright flashlight. Requires 3 "C" batteries.
61-2734
7.95

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 . . . . . 99c
(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

Rechargeable Light

21.95
- Automatically Lights When AC Power Fails

Emergency light and cordless lantern. Built-in nickel-cadmium batteries. Wall bracket. UL listed charger. 61-2740
21.95

Disposable Lights

(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

Halogen Bulb Light

10.88
- Our best is 300% brighter than ordinary flashlights. Designed for durability, its water-resistant housing and lens are virtually unbreakable.
61-2737
10.88

Hands-Free Light

3.99
- Puts light where you look. Pivots up/down. Requires 2 "AA" batteries.
61-2510 . . . . . 3.99

Krypton Lantern

4.99
- It Floats!
70% brighter than ordinary lanterns! Ideal for boat, camper, car and home. Requires 6V battery.
61-2521 . . . . . 4.99

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 . . . . . 99c
(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

USE DEPENDABLE ENERCELL® ALKALINE BATTERIES—SEE PAGES 141-143
SAFE HOUSE® Makes Your Home Secure

<table>
<thead>
<tr>
<th>Infrared Motion-Sensing Alarm System</th>
<th>Ultrasonic Motion-Sensing Alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>99.95</strong></td>
<td><strong>59.95</strong></td>
</tr>
<tr>
<td>Low As $15 Per Month</td>
<td>No Wiring To Install</td>
</tr>
<tr>
<td>Easy to Install—Just Plug Into AC</td>
<td>Just Plug Into AC Outlet</td>
</tr>
</tbody>
</table>

Just the thing for apartments and small homes. Sensitive alarm detects intruder's heat and motion in a 20 x 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. 3¼ x 10½ x 8¹/₄". UL listed AC. Backup requires 8 "C" batteries. 49-308

Uses sophisticated ultrasonic sound elements to protect a 20 x 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). 2¾ x 9½ x 8¼". UL listed AC. 49-303

<table>
<thead>
<tr>
<th>Photorelay Alarm System With Pulsed Infrared Beam</th>
<th>Door Alarm &amp; Entry Chime</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>69.95</strong></td>
<td><strong>24.95</strong></td>
</tr>
<tr>
<td>Guards Against Intruders</td>
<td>Arms With Keyboard Code</td>
</tr>
<tr>
<td>Announces Guests Or Customers</td>
<td>Exit/Entry Delay</td>
</tr>
</tbody>
</table>
| 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. 4½ x 3 x 7½". UL listed AC. 49-307

Provides low cost alarm protection, plus a pleasant-sounding chime that announces callers. Do-it-yourself installation. 6½ x 2¾ x 1¼". Requires 9V alkaline battery. 49-422

<table>
<thead>
<tr>
<th>Window/Door Alarms</th>
<th>Personal Security Devices</th>
<th>Ionization-Type Smoke Alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(1)</td>
<td><strong>14.95</strong></td>
</tr>
<tr>
<td>11.95 Each</td>
<td>11.95</td>
<td>&quot;Quiet-Reset&quot; Silences Alarm for Eight Minutes</td>
</tr>
<tr>
<td>Loud Built-In Alarms</td>
<td>Protect Yourself and Your Home</td>
<td></td>
</tr>
</tbody>
</table>

(1) Electronic Door or Window Alarm. Mounts quickly with screws or double-sided tape. Keypad-operated on/off switch. Entry/exit delay. 5¼ x 2¼ x 1½". Requires 9V alkaline battery. 49-421

(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. 4¼ x 2¼ x 1½". Requires 9V battery. 49-419

(1) Powerhorn® Jr. Window/Door Alarm. Loud built-in alarm. Includes mounting screws and adhesive backing. Install several. 49-494

(2) Pocket-Size Powerhorn. Use to summon aid. Fits in pocket or purse. Loud blast can be heard up to a half mile! 49-600


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. 5½" dia. x 2". With hardware. UL listed. 49-458
SAFE HOUSE® 24-Hour Alarm System Protection

Burglar and Fire Alarm Center

159.95
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 9 1/2 x 3 1/4". UL listed AC. Backup requires two #23-181 batteries, below. 49-450

6V Rechargeable Battery. 23-181
Each 9.95

Alarm System Package

Save $29.30
Reg. Separate Items 44.25
Low As $15
Per Month*

(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

99.95
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. 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, 11 7/8 x 8 1/4 x 3 1/4". UL listed AC. Backup requires two #23-181 batteries, below. 49-450

6V Rechargeable Battery. 23-181
Each 9.95

Alarm System Package

Save $19.35
Reg. Separate Items 31.97
Low As $15 Per Month*

(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. 5 1/4" 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

59.95
Built-In Tamper Switch

Infrared Photorelay Sensor

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

Beam Reflector

One-Piece Receiver Transmitter

34.95

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

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
**Accessories to Customize Alarm Systems**

**Automatic Emergency Message Dialer**

- 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 mic, message-is-playing and battery-check LED’s. 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. 3'/2 x 9 x 61/2" 49-431 . 99.95

**Locks and Key Switches**

- 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
- Remote Key Plate. Red and green LED status indicators, tamper switch. For most key switches. For 6 and 12VDC. Mounting hardware. 49-523 . 9.95
- High-Security Round Lock Switch. Momentary contact for 49.450, 49-470. Two keys. 49-511 . 9 95
- Lock Switch With Cover. Spring-loaded cover. Screw terminals. Two keys. 49-515 ...

**Door and Window Contacts**

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Description</th>
<th>Cat. No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Door/Window Switch (N.C.)</td>
<td>49-495</td>
<td>3.49</td>
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<tr>
<td>2</td>
<td>Door/Window Switch (N.O.)</td>
<td>49-512</td>
<td>4.99</td>
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<tr>
<td>3</td>
<td>Mini Magnetic Switch (N.C.)</td>
<td>49-497</td>
<td>3.99</td>
</tr>
<tr>
<td>4</td>
<td>NEW! Press-Fit Switch (N.C.)</td>
<td>49-505</td>
<td>5 99</td>
</tr>
<tr>
<td>5</td>
<td>Concealed Magnetic Switch</td>
<td>49-496</td>
<td>3.99</td>
</tr>
<tr>
<td>6</td>
<td>Wide-Gap Switch (N.C.)</td>
<td>49-499</td>
<td>5 99</td>
</tr>
</tbody>
</table>

**Foil, Contacts and More**

- Foil. Connects to alarm and glass. 120-foot x ¾" roll. 49-502 . 5.99
- Self-Adhesive Foil Connectors. UL listed. Pkg. 6/1.19 |
- NEW! Press-Fit Switch (N.C.) | 49-505 | 5.99 |
- Concealed Magnetic Switch | 49-496 | 3.99 |
- Wide-Gap Switch (N.C.) | 49-499 | 5.99 |

**Alarm System Accessories**

- Contact Switch. N.C. UL listed. 49-513 ...1.29
- Tamper Switch. N.O. UL listed. 49-528 . 1.59
- Vibration Detector. Adjustable sensitivity. For N.C. loops. UL listed. 49-518 ...3.99
- Panic Switch. Press button to close contacts. For N.O. loops. UL listed. 49-517 ...1.49
- Jumper Cord. Perfect for adding protection to doors with decorative glass. 49-548 ...3.99

**Sight, Sound and Wire**

- 100-Foot 2-Conductor Twisted Wire. Use to make alarm system connections. 22-gauge. 278-860 . 5.49
- 300-Foot 2-Conductor Twisted Wire. 278-661 . 15.95
- NEW! Universal Plug ‘n Power Interface Turns on or flashes lights when activated by alarm system. 61-2687 . 19.95
- 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

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 3⅛”. Backup requires 9V battery. 61-2670 ........................................ 29.95

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
Controls up to 16 sets of modules, below. All-lights-on button doubles as a panic switch in emergencies. 1⅝ x 6 x 4⅛”. 61-2690 ........................................ 24.95

Four-Button Mini Controller
Double-function buttons control up to eight sets of Plug 'n Power Modules. Same features as Command Center at left. 1 x 4⅛ x 3⅛”. 61-2677 ........................................ 12.95

Universal Interface
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. 3⅓ x 2⅛ x 1⅛”. 61-2687 ........................................ 19.95

Plug 'n Power Remote Control Modules
(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**

- **19.95**
- 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.
- 5¼ x 2½ x 1⅜".
- Requires "AA" battery for memory backup.
- 63-891

### Clock/ Rotary Timer

- **14.95**
- Beeps at Zero
- Times to 100 minutes. 2⅛ x 2⅝ x 3⅛".
- Requires "AA" battery.
- 63-882

### Pocket Timer

- **14.95**
- Times up to 99 minutes, 59 seconds.
- 2⅛ x 2½ x 7⅛".
- Includes RS357A battery.
- 63-880

### Pocket/Magnet Timer

- **10.95**
- Maximum of 99 minutes.
- 2⅛ x 2½ x 1½".
- With RS357A battery.
- 63-879

### Seven-Day Digital Timer

- **29.95**
- Random or Fixed On/Off Control
- 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.
- 10⅞ x 2⅝ x 4⅜".
- UL listed AC.
- 63-889

### Low-Priced Micronta® Timers

<table>
<thead>
<tr>
<th>(1) Plug-In Cordless</th>
<th>(2) Tabletop Multiple</th>
<th>(3) Multiprogram Plug-In Cordless</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>14.95</strong></td>
<td><strong>14.95</strong></td>
<td><strong>9.95</strong></td>
</tr>
<tr>
<td>Control lamp or appliance with 24-hour cycle.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Blood Pressure & Pulse Tester

- **49.95**
- 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. 1¾ x 4⅜ x 4⅝".
- Requires 9V battery.
- 63-662

### Fever Thermometer

- **9.95**
- 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

### 24-Hour Pillbox/Timer

- **14.95**
- Medication Reminder Also Holds Pills
- Counts down from 23 hours, 59 minutes in one-minute increments.
- Sliding top. 3⅞ x 1⅛ x 5⅛".
- With RS357A battery.
- 63-681

### 2-Way Walk/Jog Pedometer

- **24.95**
- 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. 1⅝ x 2⅝ x ½".
- With RS386A battery.
- 63-681

### Folding Pedometer

- **14.95**
- Measures Up to 99,999 Steps
- One-Touch Reset Button
- Walk-Mate™. Features easy-to-read digital display, belt clip, folding design. 1⅝ x 1⅝ x ½".
- With RS386A battery.
- 63-671

### Biofeedback Monitor

- **12.95**
- 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 3⅜ x 1⅜".
- 63-675

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NOW OVER 7000 RADIO SHACK STORES AND DEALERS IN THE USA—WE'RE NEAR YOU

---

Revolution Credit
Available
See Page 3
Micronta®—Famous for Precision Timekeeping

**Go-Anywhere Quartz Mini Clocks**

1. Mini Analog Travel Alarm. Features luminous hands, carry pouch. 2¾ x 2¾ x 1¾". Requires “AA” battery. 63-716 .......... 11.95
2. LCD Anywhere® Clock. Stick-on bracket fastens to anything. 1¾ x 3 x 1¼". With RS 357A battery. 63-706 .......... 12.95
3. Micro LCD Travel Alarm. Backlight, 24-hour alarm, snooze control. 1¾ x 3 x 1¾". With RS 357A battery. 63-706 .......... 12.95
4. Deluxe LCD Travel Alarm. Snooze control, backlight button. 3½" square, folds to ¾" high. With RS 357A battery. 63-707 .......... 17.95

**Stylish Multifunction Wristwatches**

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. With RS 393 batteries. 63-5040 .......... 44.95
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

**Stylish Wall Clocks**

1. 12/24-Hr. Digital LED. Giant 1.8" display. 6¾ x 9¾ x 2¼". 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**

1. Table Alarm Clock. With snooze. 1¾ x 4 x 2¾". Requires “AA” battery. 63-745 .......... 12.95
2. Clock/Thermometer. Displays temperature in C° or F° 1¼ x 2¼ x 1½". With RS 357A battery. 63-841 .......... 12.95

**Values in Traveling Timekeepers**

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**

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**

**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 x 6 x 5”. UL listed AC. Backup requires 7 “AA” batteries.

**49.95**

**Microwave Leakage Detector**
Checks for leaks in oven door seal that could cause health problems.

**14.95**

Not a certification instrument

**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. 2¼ x 5½ x 3”. UL listed AC.
   **19.95**
   63-753

2. **LED Display**. Bold 0.6” display with p.m. and alarm indicators. Has snooze bar for catching extra winks in the morning. 2 x 5½ x 3¼”. UL listed AC.
   **9.95**
   63-754

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 x 5½ x 3¼”. UL listed AC.
   **14.95**
   63-755

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. 2¼ x 5½ x 2½”. UL listed AC.
   **12.95**
   63-757

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 x 7½ x 2½”. UL listed AC.
   **24.95**
   63-766

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. 3½ x 4½ x 4¾”. UL listed AC.
   **14.95**
   63-756

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.

**In/Outdoor LCD Thermometer**

**With Temperature Memories**

**Indoor/Outdoor**
Switchable Fahrenheit or Celsius Display


**14.95**

- 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. 5¼ x 3½ x 7¼”. Requires 2 "AA" batteries.

**29.95**

Not a certification instrument

**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. 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. 5¼ x 2½ x 4¼". 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, 1½" speaker, push-to-talk button and telescoping antenna. Each requires 9V battery. 5½ x 1¾ x ¾" 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 2¾ x 1¾" Each requires 9V battery. 60-4016 .......................... Pair 19.95

Build & Listen to Your Own Radio

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

Educational Science Project Lab Kits

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 chromatography. 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

Sensor Robot Electronic Lab Kit

1. Sensor Robot Electronic Lab Kit. 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

1. 8-Range Pocket Multitester. 1000 ohms/volt DC. Requires "AA" battery. 28-4012 ......................... 7.95

2. 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.

### 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.

### 60-Project Electronic Lab Kit

- **19.95**
- **Fun Way To Learn**


### 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.

### 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.
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 pre-spelling 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.

Little Toys That Teach a Lot

NEW FOR 89

1495

(1) LCD Math Teacher. This 8-digit calculator introduces numbers the fun way. Easy-to-follow booklet with 400 multiple-choice questions. With digital clock. Battery included. Requires 2 “AA” batteries.

NEW FOR 89

995

(2) Mickey Mouse® Calculator. Mickey makes math merry for ages four and up. With manual. Requires 2 “AA” batteries.

NEW FOR 89

1995

(3) Professor Bright. A musical teaching friend. Ten activities include spelling, word and shape matching, more! Requires 4 “AA” batteries.

Walt Disney Productions

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.

 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

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.

Portable Hit Stix™

1995

Amp Clips To Belt

Create drum sounds in thin air—no surface needed! Sensor registers stick movement. Requires 9V battery.

Programmable Organ

1795

Built-in Speaker ■ 25 Keys

Compose and play your own songs or eight preprogrammed tunes. With songbook. Requires 4 “C” batteries.

Microphones for Kids

1595

Play Like Your Favorite Musician


Prices apply at participating Radio Shack stores and dealers.
Electronic Entertainment for All Ages

Super Deluxe Chess Game Champion

NEW FOR 89
179.95
Low As $15 Per Month*

Available Sept. 30, 1988

Radio Shack 2150. Our finest ever! Has the capability to defeat 96% 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

NEW FOR 89
29.95

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 back. Long-term memory stores your unfinished games. Requires 3 "AAA" batteries. 60-2203 ............ 29.95

Sea Battle Strategy

NEW FOR 89
29.95

Four Exciting Games of Seamanship

Play an opponent or against the computer. Last ship afloat wins! Requires 4 "AA" batteries. 60-2193 ............ 29.95

Pocket Repeat

NEW FOR 89
1295

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
24.95

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

12-Game Arcade

NEW FOR 89
19.95

Play baseball, 12-note organ, casino roulette and more! Requires one 9V and 4 "C" batteries. 60-2159 ............ 19.95

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

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

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

Sensory Electronic Checkers

NEW FOR 89
29.95

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 back. Long-term memory stores your unfinished games. Requires 3 "AAA" batteries. 60-2203 ............ 29.95

Sea Battle Strategy

NEW FOR 89
29.95

Four Exciting Games of Seamanship

Play an opponent or against the computer. Last ship afloat wins! Requires 4 "AA" batteries. 60-2193 ............ 29.95

Pocket Repeat

NEW FOR 89
1295

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
24.95

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
Radio-Controlled Toys for the Child in Everyone

Streamlined Ferrari

*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

Hi-Performance 911 Racer

*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

Frame Buggy and Turbo Lamborghini

*34.95 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 4 "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 1/16 scale. 12" long. 27 MHz. Requires 9V and 6 "C" batteries. 60-4074 . . . 34.95

Value-Priced Action Vehicles

(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

*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

*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

*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

USE DEPENDABLE RADIO SHACK BATTERIES FOR ALL YOUR ELECTRONIC TOYS
Shop Radio Shack for Super RC Racing Fun

Turbo-Wing Buggy

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

Powerful 4 x 4 Off-Roader

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 49.95 27 MHz. 60-4057 44.95

Turboracer With Auto-Off

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

Digital Proportional Racer

Two-Speed Transmission

Sturdy front suspension. 13” long. 27 MHz. Requires 2 9V and 6 “C” batteries. 60-4066 41.95

Drive to Win With the Turbo Beetle

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

Wow! Skateboard Fun

Digital Proportional Steering for Realism

Take control of this fun-seeking sidewalk racer and be ready for crowd-pleasing skateboarding action. You can do wild stunts, spins and other impressive tricks. Soft air-filled tires, life-like 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

Meet Robie® Jr.—He Walks and Talks

Plays “Catch Me”

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 10½” high. Requires 9V and 4 "D" batteries. 60-2397 79.95

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

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 273-1632 AC adapter/charger. 49 MHz. 15" long. Requires 9V and 8 "AA" batteries.

Digital Proportional Off-Roader With Turbo

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. 14 1/2" long. 27 MHz. Requires 10 "AA" batteries, 23-230 7.2V battery pack. 60-4077 89.95

Two-Speed Turbo Drive for More Exciting Racing

Spring Suspension Assures Excellent Handling

Two-Speed Turbo Drive for More Exciting Racing

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

Low As $15 Per Month.

D-P Steering
D-P Speed

Low As $15 Per Month.

Golden Arrow buggy features latest FET motor drive system, trailing arm front suspension and rigid-axle rear suspension. 15 1/2" long. 27 MHz. Requires 10 "AA" batteries, 23-230 7.2V battery pack. 60-4080 119.95

Two-Stick-Control Digital Proportional Off-Roader

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. 1/4" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. 63-3002 ... 59.95

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, 1/4" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. 63-3002 ... 59.95

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, 1/4" headphone jack. Adjustable shaft extends to 26 1/2". Requires 3 9V batteries. 63-3003 ... 89.95

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

 Trophy Finder Valuables!
Super Solar & Dual-Powered Calculators

- Revolving Credit Available
See Page 3

Dual-Powered Calcs With Auto-Switching From Solar to Battery in Dim Light


Radio Shack EC-426. Extra-large keys and display, in a horizontal folding style. Four-key memory, double size "+". Square root, percent keys. Billfold case. With RS 389A battery. 65-913

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. Billfold case. 65-910

Micro-Thin™ Solar

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. 65-595

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. 2½ x 3⅜ x ¼" (folded). 65-911

Solar-Powered With LCD Display of Sign/Function

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. Billfold case. 65-570

Fashionable Folding SOLAR-THIN™

Radio Shack EC-414. Display is tilted for desktop viewing. Percent and sign change keys. 2¼ x ½ x ⅛". With RS 389A battery. 65-560

Dual-Powered Checkbook Calculator

Radio Shack EC-416. Big LCD display and keys. Square root, percent keys. 21¼ x 4¼ x 9/16" (folded). With RS 389A battery. 65-561

Radio Shack EC-444. Four-key memory, square root and percent keys. Billfold case. 4¼ x 2¼ x ⅜". With RS 386A battery. 65-888

Radio Shack EC-412. Display is tilted for desktop viewing. Percent and sign change keys. 4½ x 2½ x ¾". With RS 389A battery. 65-560

All Calculators Are Covered By Our One-Year Limited Warranty

NEW FOR 89

Available Sept. 30, 1988

NEW LOW PRICE!

Available Sept. 30, 1988

Was $9.95
In 1988 Catalog

21¾ x 2¼ x 9/16"
Specialty Calculators—Icalculably Handy

**Digital Appointment Calendar/Data Bank**
- 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 x 5 x 5/8". 65-932

**Mity-Thin® Directory**

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. 31/2 x 21/16 x 5/8". With RS CR2025 battery. 65-933 . . . 29.95

**Data Memory Calc**

Stores Up To 50 Data Items


**Super-Value Business And Financial Calculator**

- Statistics Functions
- Easy One-Button Solutions for Tough Financial Problems

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 x 23/4 x 3/8". 65-870 . . . . . . . . . 24.95

**Business Analysis and Financial Calculator**

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. 51/16 x 21/8 x 5/8". With billfold case, two RS-357A batteries. 65-875 . . . . . . . . . . . . . . . 34.95

**Alarm Clock/Stopwatch**

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. 31/2 x 21/16 x 5/8". Billfold case. With RS CR2025 battery. 65-691 . . . . . . . . . . . 17.95

**Solar-Powered Yard/Foot/Inch**

No Need to Convert Yards, Feet, Inches To a Single Measure

Radio Shack EC-317. Simply enter 30 feet, 8 inches; multiply by 18 feet. 31/4 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 x 21/8 x 5/8". With billfold case. 65-935 . . . . 27.95

**Versatile Solar-Powered Metric Conversion Calculator**

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 x 21/16 x 1/4". With billfold case. 65-931 . . . . 14.95

**Data Memory Calc**

Stores Up To 50 Data Items


**All Radio Shack Calculators Are Covered By Our One Year Limited Warranty**
Calculators for Science and Engineering

**Formula Programmable**

**49.95**

- 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. 5½x2½x¾". With billfold case, two CR2032 batteries. 65-987 .................. 49.95

**Dual-Powered Scientific Formula**

**34.95**

- 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. 5½x2½x¾". 65-991 ............. 34.95

**110-Function Electronics And Electrical Engineering**

**39.95**

Uses Electrical Symbols For Input and Output

Radio Shack EC-4035. Accepts input and displays output using popular electrical engineering symbols—1000 Ω x .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. 5½x2½x¾": 65-983 ................. 39.95

**Jumbo-Key 98-Function Dual-Powered**

**34.95**

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. 5x3½x7¼": With lithium battery. 65-930 ................ 34.95

**Desktop 68-Function Scientific**

**27.95**

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. 6½x3½x¾": With two RS-357A batteries. 65-989 ................ 27.95

**Super-Value Scientific**

**13.95**

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. 4½x2½x¼". Includes billfold case, two RS-357A batteries. 65-977 ................ 13.95

**71-Function Dual-Powered**

**25.95**

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. 6-digit mantissa, 2-digit exponent. 5½x2½x¾": With carry pouch, lithium battery. 65-979 ................ 25.95

**40-Step Programmable**

**19.95**

- 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. 5½x2½x¾": With lithium battery. 65-984 ................ 19.95

**34-Step Programmable**

**19.95**

- 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. 5½x2½x¾": With lithium battery. 65-984 ................ 19.95

SOLAR POWER CALCULATIONS ARE NOT LOST BY MOMENTARY INTERRUPTIONS OF LIGHT

**161**
Printing Calculators for Keeping Records

12-Digit Fluorescent With 2-Color Printing

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 ° and paper-feed keys. 2 x 7¼ x 9½". Includes sample paper roll. UL listed AC. 65-970

79.95

Control for Print, Item-Count Print, and Nonprint

Bright Fluorescent 10-Digit With Printer

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 ° keys. 1¾ x 6¾ x 9½". Includes sample paper roll. UL listed AC. 65-669

69.95

GPM-Key for Rapid Computation of Desired Mark-Up

Delivers Crisp, Clean Printouts

Mini Desktop LCD Display With Printer

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 ° keys. 1¾ x 5¼ x 9". Requires 4 AA batteries or AC adapter. 65-965

AC Adapter. UL listed AC. 273-1454

49.95

Easy-Loading Swing-Out Type Paper Holder

Jumbo 10-Digit Display

Four-Key Memory

10-Digit Fluorescent-Display Desktop Printing Calculator

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 x 7½ x 8½". Requires 4 AA batteries or AC adapter. 65-967

AC Adapter. UL Listed AC. 273-1454

49.95

Decimal Modes Include A, 0, 2, 3, 4 and Floating

Auto Power-Off in Battery-Operation Mode

Mini 10-Digit LCD/Printer

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. 1¾ x 3½ x 7". Requires 4 AA batteries or AC adapter. 65-954

34.95

Convenient "Take-Along" Size

Impact Printer Takes Standard-Size 2¼" Paper

Three-Key Memory

Paper for Printing Calculators

High-Quality—For Radio Shack and Other Printing Calculators

Plain. For all Radio Shack models

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Thermal. For early models

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PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS
A Brand New “No-Fuss” Way to Make Copies in Business, School and Home—

Revolutionary Portable Copier

199.95

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 2 1/2"-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 2 1/2" wide thermal paper, below. 3 1/32 x 4 23/32 x 1 5/8" Includes UL listed AC charger.

63-672 Thermal Paper. Five-roll package. 199.95

NEW 89
0

Fluorescent Display

29.95 Four Special Function Keys

Radio Shack EC-2010. Four-key memory. Gross-profit-margin, delta percent, exchange and item-count keys. 1 5/8 x 6 3/8 x 5 1/16" Requires 2 "D" batteries or AC adapter.

65-960 29.95

LCD Display With Review

Recalls Up to 32 Entries
For Checking Calculations 15.95

Radio Shack EC-2015. Working 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. 3/8 x 4 1/8 x 4 3/8" With RS 366A batteries.

65-577 15.95

Dual-Powered Desktop LCD

12.95 Auto-Switches
To Battery in Dim Light

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. 1 1/8 x 4 3/16 x 5 1/16" With RS 399A battery.

65-578 12.95

Clock, Calculator And Ruler Combo

9.95 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 12 1/4 x 3 1/4" With RS 389 and RS 392 batteries. 65-551 9.95

ALL CALCULATORS ARE COVERED BY OUR ONE-YEAR LIMITED WARRANTY
Affordable Color Computer for the Whole Family

Color Computer 3™
With Razor-Sharp Graphics!

199.95
Monitors, platform and disk drive not included

Low As $15 Per Month*

- Produces Sharp, Crisp Graphs and Illustrations
- Displays 32 x 16 Text Using a TV, 40 x 24 or 80 x 24 Text With a Monitor
- 160 x 192, 320 x 192 or 640 x 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

CM-8 RGB Analog Color Monitor. 80 x 24 text, 640 x 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*

DC Modem Program Pak

89.95
RS-232 Interface and 300-bps Modem

Transfer/receive ASCII files or access information services by phone. 26-2228 ........................................ 89.95

Deluxe Joystick

29.95
Get accurate cursor control and quicker response. Select “spring-centering” or “free-floating” operation. 26-3012 ........................................ 29.95

Deluxe Color Mouse

49.95
Simply “roll” across tabletop to position the cursor. Two buttons for Tandy 1000-compatible software. 26-3125 ........................................ 49.95

Joysticks

19.95
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

9.95
Plugs into the cassette and one joystick port to allow standard or deluxe joystick to address higher-resolution modes (up to 640 x 640) on the Color Computer 2 or 3. 26-3028 ........................................ 9.95

Hard Disk Interface

129.95
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

*INSTALLATION REQUIRED (NOT INCLUDED). SOME INSTALLATIONS MAY REQUIRE ADDITIONAL-COST HARDWARE.

SPECIFICATIONS. Microprocessor: 68809E 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 x 32 (8 colors) to 640 x 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 x 103/8 x 143/.7 Power: 120VAC, 60 Hz.

19995
Monitors, platform and disk drive not included

Low As $15 Per Month*

- Produces Sharp, Crisp Graphs and Illustrations
- Displays 32 x 16 Text Using a TV, 40 x 24 or 80 x 24 Text With a Monitor
- 160 x 192, 320 x 192 or 640 x 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.

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9.95
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Hard Disk Interface

129.95
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

*INSTALLATION REQUIRED (NOT INCLUDED). SOME INSTALLATIONS MAY REQUIRE ADDITIONAL-COST HARDWARE.
Choose From All-New and All-Time Favorite Program Paks

### Color Computer 3

<table>
<thead>
<tr>
<th>Program</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW! Super Pitfall</td>
<td>24.95</td>
</tr>
<tr>
<td>NEW! GFL Championship Football II</td>
<td>29.95</td>
</tr>
<tr>
<td>NEW! Castle of Tharoggad</td>
<td>29.95</td>
</tr>
<tr>
<td>NEW! A Mazing World of Malcom Mortar</td>
<td>29.95</td>
</tr>
<tr>
<td>NEW! Rad Warrior</td>
<td>29.95</td>
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<td>Thexder</td>
<td>29.95</td>
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<tr>
<td>Shanghai</td>
<td>24.95</td>
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### Home Education Software

<table>
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<tr>
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<td>24.95</td>
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<tr>
<td>NEW! Type Mate</td>
<td>24.95</td>
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<tr>
<td>Color Math</td>
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### Home Productivity Software

<table>
<thead>
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<tr>
<td>Color SCRIPSIT® II</td>
<td>24.95</td>
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<tr>
<td>Color File II</td>
<td>24.95</td>
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<tr>
<td>Personal Finance II</td>
<td>24.95</td>
</tr>
<tr>
<td>Spectacular®*</td>
<td>29.95</td>
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</tbody>
</table>

Color Computer Software and Accessories

Make the Most of Your Color Computer With Disk Software

Entertainment

**New! The Last Ninja.** 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

**Flight Simulator II.** 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

**King’s Quest III.** Discover the wizard’s secret spells, and use his magic to free yourself from his thrall. Requires 512K. 26-3285

**Sub Battle Simulator.** Direct one of six WWII U.S. Navy Subs or German Kriegsmarine U-Boats. Requires joysticks. 26-3272

**Zone Runner.** You’re an interstellar trade merchant and crackerjack space pilot. Keep an eye out for patrols, pirates, escorts and mines! 26-3266

**The Interbank Incident.** Secret agents try to regain control of a lost satellite! Requires 64K and joysticks. 26-3296

**Rogue.** Face unpredictable monsters, ever-changing magic and hidden dangers. It’s never the same game twice! 26-3297

**Koronis Rift.** Take part in a daring raid to claim the exotic technologies of a magnificent ancient civilization! 26-3298

**Rescue on Fractalus.** As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. 26-3299

Home Education

**Where in the World is Carmen Sandiego?** Pursue diabolical thieves in an international chase through great cities. 26-3243

**Microscopic Mission.** Pilot a microscopic probe through a human body from the leg to the brain. 26-3271

**Winnie the Pooh.** An adventure that improves map skills, reading ability and logical thinking. Requires 64K. 26-3244

**Donald Duck’s Playground.** Learn to recognize and match shapes, colors and letters. Requires 64K and joysticks. 26-3245

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

**New Low Price! DeskMate 3.** An integrated package of seven commonly used personal applications. Was $99.95 in RSC-19. 26-3262

**Phantomgraph.** Turn numerical data into easy-to-understand graphs and charts. 26-3276

**Home Publisher.** Turn your computer into a personal printing press for professional-looking results every time. 26-3273

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

OS-9 Level Two Disk Operating System. Supports 512K RAM and dual speed on the Color Computer 3. Includes BASIC 09. 26-3031

Increase Data Storage Capacity

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.

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Affordable Tandy Portable Computers

Lightweight Portable That's Ready to Go When You Are

599.00

- 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 x 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 x 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

Accessories and Software

New Low Price! Tandy 102/200 Carry Case. Was $39.95 in RSC-19. 26-3811
Print Cable. 26-1409
Direct-Connect Modem Cable. One free hour on CompuServe and Dow Jones News/Retrieval. For modular phone jacks. 26-1410
8K RAM Upgrade for 24K Tandy 102. Installation recommended. 26-3817
Tandy 200 24K RAM Upgrade. Installation recommended. 26-3866
Multiplan ROM. For Tandy 100/102. 26-3829
SCRIPSIT® 100. 26-3830

Tandy 102 Peripherals

(1) Portable Disk Drive 2. Stores 200K of data on 3½" floppy disks. Weighs 1¼ lbs. 2 x 4½ x 6¼". Requires four "AA" batteries or AC Adapter (not included).
26-3814
(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
(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

Pocket Scientific Computer

69.95

- 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 x 3½ x 5½". Includes batteries. 26-3673
Replacement Battery for PC-7. Requires two. 23-162

Advanced Pocket Computer and Accessories

Low As
$15 Per Month

119.95

- 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 ½ x 3½ x 5½". Includes batteries. 26-3672
PC-6 8K RAM Module. 26-3674
PC-4/5/6 Portable Printer. Requires 26-3671 cable. 26-3652

Cassette Interface and Printer Cable. For 26-3651 and 26-3652. 26-3671
Thermal Paper. ⅛" wide. 65-711
Cassette Interface. 26-3651
Replacement Battery for PC-6. Requires two. 23-162

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 x 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 x 300 dpi on a full page measuring 8 1/2 x 11". Quietly prints up to six pages per minute. Optional downloadable custom fonts available. Convenient front-panel selection of programs, 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

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, 1/4, 1/2, 1/16. Dimensions: 7 7/8 x 22 1/2 x 15 3/8". 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

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

Soft fonts “B” and “F” for HP LaserJet Plus® are also available. 25-1158, 26-2232, 26-4840

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

699.00
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


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, 1/12, 1/72. Dimensions: 5½ x 23½ x 14¾. Weight: 17½ lbs. Power: 120VAC, 60 Hz. UL listed AC.

Triple-Mode Printer for Home or Office

NEW FOR $89 379.95
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

219.95
Low As $15 Per Month*

- IBM PC Compatible
- Bit-Image Graphics
- Prints 80 cps

DMP 105. Ideal for data processing and general-purpose use. Bidirectional—prints 80 upper and lowercase letters per line (8 x 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

<table>
<thead>
<tr>
<th>Printer</th>
<th>Ribbon</th>
<th>Catalog No.</th>
<th>Each</th>
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<tbody>
<tr>
<td>DMP 130, 130A</td>
<td>Cartridge</td>
<td>26-1236</td>
<td>10.95</td>
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<tr>
<td>DMP 130, 130A</td>
<td>Refill (3/Pk.)</td>
<td>26-1238</td>
<td>12.95</td>
</tr>
<tr>
<td>DMP 105, 106</td>
<td>Fabric Cart.</td>
<td>26-1288</td>
<td>7.95</td>
</tr>
<tr>
<td>DWP 210, 230, 520</td>
<td>Multi-Strike (3/Pk.)</td>
<td>26-1445</td>
<td>17.95</td>
</tr>
<tr>
<td>DWP 210, 230, 520</td>
<td>Fabric Cart.</td>
<td>26-1458</td>
<td>8.95</td>
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<td>DMP 2120</td>
<td>Fabric, Blk.</td>
<td>26-2834</td>
<td>39.95</td>
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<tr>
<td>DMP 2120</td>
<td>Fabric, Colors</td>
<td>26-2835</td>
<td>79.95</td>
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<td>Refill, Blk.</td>
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<td>37.95</td>
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<td>DMP 440</td>
<td>Fabric Cart.</td>
<td>26-2809</td>
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<td>PC 1 Printer</td>
<td>Fabric Cart.</td>
<td>26-3507</td>
<td>2.75</td>
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Get the Printer Cable You Need

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Fits</th>
<th>Description</th>
<th>Length</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>1</td>
<td>All Tandy 1000</td>
<td>34-pin card edge/36-pin plug, shielded</td>
<td>6'</td>
<td>26-225</td>
<td>34.95</td>
</tr>
<tr>
<td>2</td>
<td>All Tandy 3000/ 4000/5000/1400 LT</td>
<td>DB25 male/36-pin plug, shielded</td>
<td>6'</td>
<td>26-227</td>
<td>34.95</td>
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<td>3</td>
<td>Model I/III/44P/4D</td>
<td>34-pin card edge/36-pin plug, ribbon</td>
<td>6'</td>
<td>26-1401</td>
<td>29.95</td>
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<tr>
<td>4</td>
<td>Model II/16/16B/ 2000/6000</td>
<td>34-pin header/36-pin plug, ribbon</td>
<td>6'</td>
<td>26-4401</td>
<td>29.95</td>
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<td>5</td>
<td>Model 100/Tandy 102/ 200/600</td>
<td>26-pin header/36-pin plug, ribbon</td>
<td>6'</td>
<td>26-1323</td>
<td>34.95</td>
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<tr>
<td>6</td>
<td>Color Computer/ MC-10</td>
<td>4-pin DIN/4-pin DIN, special serial</td>
<td>6'</td>
<td>26-3020</td>
<td>5.95</td>
</tr>
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Additional ribbons are available for other Tandy/Radio Shack printers—see the RSC-20 Computer Catalog for a complete listing.
Quality Computer Supplies and Accessories

Certified 3 1/2", 5 1/4" and 8" Disks

<table>
<thead>
<tr>
<th>Size</th>
<th>Tracks</th>
<th>Qty.</th>
<th>Cat. No.</th>
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<td>3 1/2&quot;</td>
<td>80 (720KB)</td>
<td>10</td>
<td>26-409</td>
<td>8 49</td>
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<tr>
<td>5 1/4&quot;</td>
<td>40 (360KB)</td>
<td>3</td>
<td>26-411</td>
<td>5 49</td>
</tr>
<tr>
<td>8&quot;</td>
<td>77 (1.2MB)</td>
<td>10</td>
<td>26-4960</td>
<td>39 95</td>
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Single-Sided

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<th>Qty.</th>
<th>Cat. No.</th>
<th>Price</th>
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<tr>
<td>8&quot;</td>
<td>77 (600KB)</td>
<td>10</td>
<td>26-4960</td>
<td>34 95</td>
</tr>
</tbody>
</table>

Diskette Storage Boxes

Disks not included

Low As 12 95

Dust-Free Protection

For 3 1/2" Disks. Holds 30...
26-1381...
12.95

For 5 1/4" Disks. Holds 50...
26-1362...
14.95

Library and Travel Diskette Boxes (2)

(1) New Economy Boxes
3 1/2". Holds 10...
26-273...
1.19

5 1/4". Holds 10...
26-274...
1.19

(2) Deluxe Boxes
3 1/2". Holds 5...
26-1380...
2.29

5 1/4". Holds 10...
26-1452...
4.95

5 1/4". Holds 5...
26-1348...
2.95

Disk Drive Clean Kits

Low As 1 99

For Single or Double-Sided
3 1/2". 15 cleanings...
26-253...
7.95

5 1/4". 15 cleanings...
26-408...
7.95

8". 15 cleanings...
26-4957...
8.95

Disposable Kits
3 1/2". 2 cleanings...
26-271...
2.99

5 1/4". 2 cleanings...
26-239...
1.99

Cassette-Based Computer Accessories

59 95

■ 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

<table>
<thead>
<tr>
<th>Type</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deluxe C-20</td>
<td>26-308</td>
<td>3.79</td>
</tr>
<tr>
<td>C-20</td>
<td>26-301</td>
<td>2.79</td>
</tr>
<tr>
<td>C-10</td>
<td>26-302</td>
<td>1.89</td>
</tr>
</tbody>
</table>

Fanfold Printer Paper

■ High-Quality, One-Part Bond Paper—Not Ground Wood or Recycled Paper
■ "Invisible" Detachable Margins on Letter-Sized (9 1/2 x 11") Sheets
■ 20# Bond Sheets Now Use Special Superwhite, Letter-Quality Paper

<table>
<thead>
<tr>
<th>Size</th>
<th>Design</th>
<th>Sheets</th>
<th>Weight</th>
<th>Brightness</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 1/2 x 11&quot;</td>
<td>Blank</td>
<td>500</td>
<td>16# Hibulk</td>
<td>80</td>
<td>26-1423</td>
<td>9.95</td>
</tr>
<tr>
<td>9 1/2 x 11&quot;</td>
<td>Blank</td>
<td>500</td>
<td>20# Superwhite</td>
<td>88</td>
<td>26-1387</td>
<td>11.95</td>
</tr>
<tr>
<td>9 1/2 x 11&quot;</td>
<td>Blank</td>
<td>1250</td>
<td>16# Hibulk</td>
<td>80</td>
<td>26-1427</td>
<td>29.95</td>
</tr>
<tr>
<td>9 1/2 x 11&quot;</td>
<td>Blank</td>
<td>2500</td>
<td>20# Superwhite</td>
<td>88</td>
<td>26-277</td>
<td>54.95</td>
</tr>
<tr>
<td>9 1/2 x 11&quot;</td>
<td>Greenbar</td>
<td>3500</td>
<td>16# Hibulk</td>
<td>80</td>
<td>26-1403</td>
<td>59.95</td>
</tr>
<tr>
<td>14 1/2 x 11&quot;</td>
<td>Greenbar</td>
<td>1500</td>
<td>15#</td>
<td>60</td>
<td>26-278</td>
<td>39.95</td>
</tr>
</tbody>
</table>

Color Fanfold Paper

Color Pack. 100 ea. blue, red, gold...
26-206...
16.95

Pastel Pack. 100 ea. blue, pink, ivory...
26-207...
8.95

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.

Printer Roll Paper

<table>
<thead>
<tr>
<th>Printers</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGP 115</td>
<td>26-1248</td>
<td>3/5.95</td>
</tr>
<tr>
<td>CGP 220</td>
<td>26-1333</td>
<td>3/9.95</td>
</tr>
<tr>
<td>TP 10</td>
<td>26-1332</td>
<td>2/4.95</td>
</tr>
<tr>
<td>PT 210/TRP 100</td>
<td>26-1003</td>
<td>6/29.95</td>
</tr>
<tr>
<td>PC 1</td>
<td>26-3506</td>
<td>6/1.99</td>
</tr>
<tr>
<td>PC 2</td>
<td>26-3506</td>
<td>6/2.95</td>
</tr>
<tr>
<td>PC 3/8</td>
<td>26-3592</td>
<td>5/2.49</td>
</tr>
<tr>
<td>PC 4/5/6</td>
<td>65-711</td>
<td>5/1.99</td>
</tr>
<tr>
<td>Quick Printer</td>
<td>26-1405</td>
<td>3/24.95</td>
</tr>
<tr>
<td>Quick Printer II</td>
<td>26-1412</td>
<td>2/6.95</td>
</tr>
<tr>
<td>LP 1/II/IV/VII/200</td>
<td>26-1402</td>
<td>2/19.95</td>
</tr>
</tbody>
</table>

Disk File Envelopes

Protect two 5 1/4" disks in each handy 3 -ring binder envelope. Pkg. of 10...
26-510...
7.95

5 1/4" Drive Analyzers

Analyzes alignment, rotational speed, index timing, clamping ability and write/ erase accuracy.

For Tandy 1000 5 1/4" Drives...
26-1370...
29.95

For Tandy 3000/4000 5 1/4" Drives...
26-217...
29.95

Flowchart Template

2 49
Create easy-to-follow programming flowcharts...
26-254...
2.49

Mouse Pad

Mouse not included.

Provides smooth tracking surface for mouse controller. Cloth top. 9 1/2 x 7 3/4"...
26-237...
6.95
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 (41 1/2 x 14 7/8") for additional space
- Adjustable glides
- Easy to assemble 34 x 43 x 23 3/4"

Printer Stand
- With storage shelf and bottom-feed paper slot
- Large enough for wide 132-column printers
- Adjustable glides
- Easy to assemble

Universal Monitor

- Reduces harmful static

Auto-Power Controller

- 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

Printer Stand

- Computer, printer and accessories not included

Space-Saving Computer and Printer Stands

Printer Stand

- Easy to assemble
- Monitor platform and storage shelf
- Bottom-feed paper slot and storage shelf
- Adjustable glides
- Easy to assemble

Spike Protector

- Full common and differential-mode transient protection
- Power-line noise filtration
- Push-to-reset circuit breaker
- 10-amp rated
- U.L. listed AC

Backup Power Supply

- Provides Spike Protection

Universal Monitor Platform

- New!
- CPU and monitor not incl.
- Accommodates all Tandy monitors and many others
- Durable molded plastic
- 4 3/4 x 20 7/8 x 12

Monitor Pedestal

- Low As $15 Per Month
- CPU, monitor not incl.
- Rotates and tilts
- Base: 11 x 10 1/2"

Dust Covers

- Neat 6-ft. flexible beige PVC
- (1) 6-Ft. Runner With Twin Power Outlets
- (2) 6-Ft. Cord Cover
- (3) New! 6-Ft. Runner With Twin Power Outlets and Twin Modular Phone Jacks

Platen Cleaning Kit

- Reduces paper misfeeds on computer printers and typewriters
- Two brushes, 1-oz. bottle of fluid and instructions

Keyboard Cover

- Fits new Tandy enhanced keyboards and IBM (not for 25-4038)
- 26-1336

Computer Power Center

- CPU, monitor not included
- Three-way transient spike protection and one-way filtration
- 15 amp rated
- With 6-ft. power cord: U.L. listed AC

Auto-Power Controller

- Low As $15 Per Month
- CPU, monitor not included
- 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

Power Switching System

- Six outlets
- Filters transients/line noise
- U.L. listed AC

Computer Workcenter

- 99.95
- Low As $15 Per Month
- Computer, printer and accessories not included

Printer Stand

- 59.95
- Computer, printer and accessories not included

Safety Extensions

- 89.95
- All power cords UL listed
- Neat 6-ft. flexible beige PVC
- (1) 6-Ft. Runner With Twin Power Outlets
- (2) 6-Ft. Cord Cover
- (3) New! 6-Ft. Runner With Twin Power Outlets and Twin Modular Phone Jacks

Printer Supports

- 16.95
- Printer not incl.
- Elevates printer so fanfold paper can easily be placed underneath
- Use with any 80-column printer

CPU Floor Stand

- 29.95
- Fits Tandy, Other PCs
- CPU not included
- Durable steel construction and non-skid rubber feet
- Easy to assemble

Extension Cables

- 14.95
- 5-ft. Tandy 1000 Keyboard Extension Cable
- 26-1389
- 6-ft. Monitor Extension Cable
- Shielded

SOME ITEMS ON THESE TWO PAGES AVAILABLE ONLY AT RADIO SHACK COMPUTER CENTERS AND PARTICIPATING STORES AND DEALERS
For Business Products Backed by Total Support,

**Tandy 5000 MC Professional System**

NEW FOR $4999.00

- Commercial Lease Available
- For Only $180 Per Month
- (Plus Applicable Use/Sales Tax)

- Monitor and mouse not included
- 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°
- Tandy 5000 MC with 40 MB Hard Disk Drive
- Tandy 5000 MC with 84 MB Hard Disk Drive

**Tandy 4000 and New Tandy 4000 LX**

NEW FOR $2599.00

- Commercial Lease Available
- For Only $145 Per Month
- (Plus Applicable Use/Sales Tax)

- Monitor and printer not included
- 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
- Tandy 4000 with 40 MB Hard Disk Drive
- 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°
- Tandy 4000 LX with 40 MB Hard Disk Drive

**People and PCs Working Together™: 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 database 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.
New, Enhanced Version of the Tandy 3000

**1699.00**
Commercial Lease Available
For Only $55 Per Month
(Plus Applicable Use/Sales Tax)

Monitor and printer not included

- 10 MHz Intel 80286 Microprocessor
- 3½", 1.44 MB Drive
- 512K RAM
- 3 Additional Front Panel Device Slots

The Tandy 3000 NL is the latest edition of our ever-popular Tandy 3000 series. It can give you the power to manage your business as a stand-alone base system or a high-performance network workstation. The 3000 NL is compatible with software designed for the IBM PC AT® and XT®, and will run the next generation of software using the MS OS/2 operating system. Because we know how quickly your business can grow, we made sure the Tandy 3000 NL has room for fast, low-cost expansion. Four front-panel device slots and three AT and four XT-style expansion slots offer maximum flexibility in a small footprint. Available at Radio Shack Computer Centers and participating stores and dealers. UL listed AC.

**25.4072**
Tandy 3000 NL with 40 MB Hard Disk Drive **2699.00**

**Model 4D with DeskMate 6-in-1 Software**

**1199.00**
Low As $60 Per Month

- One-Piece Design
- DeskMate Software
- Two Disk Drives

The Model 4D’s one-piece design, housing a monitor, keyboard and two disk drives, is a favorite of businesses and educators. Whether you’re adding to a classroom network or setting up a new system, you’ll find that the 4D is supported by a wide selection of software and accessories. The included DeskMate software features six programs—Text, Filer, Spreadsheet, Telecom, E-Mail and Calendar.* UL listed AC. 26-1070* 1199.00

Model 4D Hard Disk Controller. Cable kit required. 26-1138 449.95

*DeskMate communications require modem.

Radio Shack Computer Centers
Offer Total System Solutions

- Professional Sales Force for Large Accounts
- Wide Selection of Business Software and Computer Products

Whether you work at an in-home business or a Fortune 500 corporation, Radio Shack Computer Centers can offer the computers, expertise, training, service and support you need to make the best automation decision possible. Our professional marketing staff is ready to recommend the configuration that’s right for your business, from the inexpensive Tandy 1000 to sophisticated workgroup solutions.

Our Computer Centers offer a library of the most popular titles in business software right off the shelf. And, for more specialized applications, our exclusive Special Order service brings you software and hardware that’s performance proven, and professionally supported by the top manufacturers in computer products.

After the sale, we’re still there for you with a service and support network that is unsurpassed in the industry. We offer system installation, training and support at your site, telephone support, system administrator services and custom application design. You get help when and where you need it for improved business efficiency.

Our nationwide network of Radio Shack Computer Service Centers offer a variety of on-site carry-in service plans. We assure convenient, affordable service across the country, performed by employees of the same company that designed, manufactured and sold you your computer. We strive to get you “up and running” as quickly as possible.

The bottom line? We work hard for your business, offering a combination of benefits no other company can match. Call or visit your nearest Radio Shack Computer Center today, and join the millions who have made Radio Shack the world’s largest electronics retailer.

Our 1989 Tandy Computer Catalog features 52 pages of the best values in computers, software and peripherals. Get your free copy at any Radio Shack Computer Center!
PC-Compatible Tandy 1400 LT Portable

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.
Get “On Line” With Radio Shack Modems

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 129.95

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

Value-Priced Direct-Connect Modem

59.95 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

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, as soon as you’ve subscribed and more. 25-1257 29.95

Use modems only with Bell-compatible equipment. Direct-connect modems are not for multline use without optional controller. CompuServe/TM CompuServe. Inc. Hayes/Reg TM Hayes Microcomputer Products, Inc. PC-Link/SM Quantum Computer Services

2-line Communication Phone/Modem

99.95 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

Serial RS-232C Cables and Connectors

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 male/DB9 female 26-1495 7.95
9 Gender Changer DB9 male/DB9 female 26-266 6.95
10 Port Adapter DB25 male/DB9 male 26-1388 7.95
11 Port Adapter DB25 female/DB9 male 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

TAKEN ADVANTAGE OF THE TANDY SERVICE PLAN—SEE PAGE 92.
Tandy 1000 Business & Productivity Software
Now Many Programs Feature the Easy-to-Use DeskMate® Interface!

At last—an easy-to-use graphics interface for Tandy and other PC-compatible computers. Tandy's new DeskMate User Interface gives you 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...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 from 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

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

NEW! 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 49.95

NEW! 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 89.95

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 service and more. Requires modem. 25-1255 29.95

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

Create and Print Cards, Banners, Signs, Newsletters and More

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 up-to-beaut coupons, stationery and more. 25-1227 14.95

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 fonts and sizes. Graphics library includes an assortment of 140 symbols and patterns. 25-1304 54.95

Turn your home or office into a publishing center with our exclusive print software!
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 Cyavak. 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

NEW! 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 MX/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

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

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

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

Tandy 1000 Software for Education & Fun

Fantasy Quest

NEW! For 89

King’s Quest IV. Travel with Rosella, the beautiful princess and heroine. Journey to a town far away. For the enchanted fruit that will save her father. 25-1231. 44.95

Robot Battle

NEW LOW PRICE! Thexder. Do battle with enemy robots on the planet Nedam. Use hi-tech weaponry and hyper-duel armor. Was $34.95 in Cat. 419. 25-1183. 29.95

Flight Drama

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! 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
Latest Edition! DeskMate Integrated Software

Now With Ten Easy-to-Use Programs! Get Right to Work the Very First Day!

99.95 Low As $15 Per Month

- Included with the Tandy 1000 SL and TL at No Additional 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

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 TandyLink 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. 25-5602 . . 119.95
TandyLink Board PC. For all other Tandy PC-compatibles. 25-5601 . . . 119.95

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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

- **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 99.95**
- **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 **399.95** 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/ 8086 modes. Original Tandy 1000 requires AXK-7130, $39.95. Special order required. 25-1035

- 399.95

Keyboard Expansion Options

Keyboard Only **119.95** 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

**399.95**

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 TRACKSTAR 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 5'/" 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. 26-1199 99.95
- 3 Buttons with DB9F Connector. 26-1200 99.95
- 3 Buttons with DB25M Connector. 26-1201 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. 9 3/8 x 7 5/8 in size. 26-237 6.95

Time/Date in a Chip

**39.95** 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/SL. User installable in most PCs. 25-1033 39.95

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 x 25 text, 640 x 200 graphics. For 1000 HX. 25-1020 ........................................ 129.95

2) VM-5 High-Resolution Graphics Monochrome Monitor. 12" screen displays 80 x 25 text, 720 x 350 graphics. For 1000 SL/TL. 25-3011 ................. 149.95

3) CM-5 RGBI Color Monitor. 13" screen displays 80 x 25 text, 320 x 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 x 25 text, 640 x 200 graphics. For all Tandy 1000s or Tandy 1400 LT. 25-1024 .......................... 399.95


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 x 350, 16-color enhanced graphics on our EGM-1 monitor or 720 x 350 Hercules graphics on the VM-5 Monochrome Monitor. Includes 256K video memory. For 1000 SX/TL. 25-3048 .......................... 249.95

Add a Hard Disk or Floppy Disk Drive to Your Computer System

20- and 40-MB Hard Disk Cards

Low As

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>25-1032</td>
<td>User-Installable 20- and 40-Megabyte Hard Disk Card</td>
<td>599.00</td>
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<tr>
<td>25-4059</td>
<td>40-Megabyte Hard Disk Card</td>
<td>799.00</td>
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3½" and 5¼" External Floppy Drives

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<tr>
<td>25-1060</td>
<td>3½&quot; 360K External Disk Drive for Tandy 1000 EX/HX. Adds 360,000 characters of disk storage. Makes backing up diskettes much easier.</td>
<td>249.95</td>
</tr>
<tr>
<td>25-1061</td>
<td>5¼&quot; 360K External Disk Drive for Tandy 1000 EX/HX. Adds 360,000 characters of disk storage. Makes backing up diskettes much easier.</td>
<td>279.95</td>
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Internal Floppy Disk Drive Kits

Choose 3½" or 5¼" Drives

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<tr>
<td>25-1063</td>
<td>3½&quot; 360K Disk Drive Kit. Mounts internally. Installation recommended (not included). For Tandy 1000 SX/TL.</td>
<td>169.95</td>
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<td>25-1065</td>
<td>3½&quot; 720K Disk Drive Kit. For use with Tandy 1000 HX (installation recommended). Or use in Tandy 1000 SX/SL with Adapter Kit (25-1066, below).</td>
<td>169.95</td>
</tr>
<tr>
<td>25-1066</td>
<td>3½&quot; to 5¼&quot; Adapter Bracket for 3½&quot; Disk Drive Kit. (For use with 25-1065 only.)</td>
<td>29.95</td>
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<tr>
<td>25-1075</td>
<td>New! Internal 3½&quot; 720K Floppy Disk Drive. For the Tandy 1000 TL.</td>
<td>169.95</td>
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Add an External Hard Drive

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<tr>
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<tr>
<td>25-1041</td>
<td>External 3½&quot; 720K Floppy Disk Drive. For the Tandy 1000 TL.</td>
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Add a Hard Disk or Floppy Disk Drive to Your Computer System

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 x 350, 16-color enhanced graphics on our EGM-1 monitor or 720 x 350 Hercules graphics on the VM-5 Monochrome Monitor. Includes 256K video memory. For 1000 SX/TL. 25-3048 .......................... 249.95

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<td>3½&quot; 720K Disk Drive Kit. For use with Tandy 1000 HX (installation recommended). Or use in Tandy 1000 SX/SL with Adapter Kit (25-1066, below).</td>
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<td>25-1066</td>
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<td>25-1075</td>
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</table>
Fast-Loading Tandy 1000 HX Computer

Our Lowest Priced PC-Compatible!
Easy to Use—Perfect for Home and School

699.00

Low As $35 Per Month *
TSP Available

- 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.

*Communications require modem. Personal DeskMate 2 requires 80-column monitor.

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

Now Both MS-DOS® and DeskMate® are Built In!

Tandy 1000 SL
Includes Programs in ROM, Plus Enhanced Video and Sound

899.00
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*

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>CM-11 High-Resolution RGBI Color Monitor</td>
<td>399.95</td>
</tr>
<tr>
<td>Tandy Serial Mouse</td>
<td>49.95</td>
</tr>
<tr>
<td>5¼” Floppy Disk Drive Kit</td>
<td>49.95</td>
</tr>
<tr>
<td>20-Megabyte Hard Disk Card</td>
<td>399.95</td>
</tr>
</tbody>
</table>

*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
High-Speed 286-Based Tandy 1000 TL

We’ve Made it Easy to Get Right to Work—DeskMate and MS-DOS® Built Into ROM

1299.00
Low As $60 Per Month*

Tandy Service Plan Available

- Powerful 8 MHz 80286 Microprocessor
- Comes with 640K RAM
- Automatically Loads MS-DOS and DeskMate Without Diskettes
- Built-in 3½” 720K Disk Drive
- Software Compatible with the IBM PC—Choose From Thousands of Programs
- Enhanced Sound and Speech Capabilities Let You Record and Listen to Voice or Music
- Built-in Real-Time Clock and Calendar
- Enhanced 101-Key Keyboard

Tandy 1000 TL. A powerful new computer for personal and business use. The 80286 microprocessor gives you greater processing power than ordinary PCs—you’ll fly through your applications!

The Tandy 1000 TL is outfitted with a 3½” disk drive, ready to use MS-DOS software on durable, pocket-size diskettes. There are also slots for an additional 3½” drive and a 5¼” drive—so you can choose the expansion options best suited to your needs. The 640K RAM ensures plenty of power for even the most sophisticated programs. And the enhanced 101-key keyboard makes using your programs a breeze. You’ll also find the graphics capabilities of the Tandy 1000 TL exceptional. The built-in video supports monochrome text, Hercules monochrome graphics, and CGA color graphics with enhancements.

The outstanding sound and speech capabilities of the Tandy 1000 TL will generate new life into programs. Using the sound editor in DeskMate and an optional microphone (33-1060), you’ll be able to record voice, music, sound effects—any analog audio source—onto 3½” diskettes. And there’s a built-in headphone jack with volume control for private listening.

The Tandy 1000 TL includes MS-DOS 3.3 and DeskMate built into ROM, so you’ll be up and running in seconds! Using the sound editor in DeskMate and an optional microphone (33-1060), you’ll be able to record voice, music, sound effects—any analog audio source—onto 3½” diskettes. And there’s a built-in headphone jack with volume control for private listening.

The Tandy 1000 TL is outfitted with a 3½” disk drive, ready to use MS-DOS software on durable, pocket-size diskettes. There are also slots for an additional 3½” drive and a 5¼” drive—so you can choose the expansion options best suited to your needs. The 640K RAM ensures plenty of power for even the most sophisticated programs. And the enhanced 101-key keyboard makes using your programs a breeze. You’ll also find the graphics capabilities of the Tandy 1000 TL exceptional. The built-in video supports monochrome text, Hercules monochrome graphics, and CGA color graphics with enhancements.

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Tandy 1000 TL Accessories*

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM-11 High-Resolution RGBI Color Monitor</td>
<td>$399.95</td>
</tr>
<tr>
<td>Tandy Serial Mouse</td>
<td>$49.95</td>
</tr>
<tr>
<td>NEW! 3½” Floppy Disk Drive Kit</td>
<td>$169.95</td>
</tr>
<tr>
<td>5¼” Floppy Disk Drive Kit</td>
<td>$169.95</td>
</tr>
<tr>
<td>20-Megabyte Hard Disk Card</td>
<td>$599.00</td>
</tr>
</tbody>
</table>

Specifications

- Microprocessor: 80286, Optional 80287 Math Coprocessor
- Clock Speed: 8/4 MHz (Software Selectable)
- Included Software: Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate
- Memory: 640K RAM (expandable to 768K), 128K for Video, EMS memory available through optional expansion boards
- On Board Video Support: Text (MDA or CGA compatible), 80 or 40 characters per line by 25 lines, Graphics (Hercules 720 x 348 pixels, 320 x 200 pixels), 16-color and 4-color, 80 or 40 characters per line by 25 lines, Display Options: Monochrome, High resolution monitor (IBM-5), CGA or Mono compatible
- Sound: Built-in 8-bit bi-directional DAC for sound and speech generation, including internal speaker, ¼” external stereo headphone jack with volume control, and ¼” microphone input jack
- Disk Drives: One double-sided, double density 3½” disk drive (formatted 720K), expandable to support 3 floppy drives (2 3½” and 1 5¼”)
- Hard disk card: 20-Megabyte 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, ¼” microphone and ¼” stereo headphone jack
- Internal Clock: Realtime clock/calendar with battery backup
- Dimensions (H x W x D): 5 1/2 x 15 5/8 x 11 1/2
- Weight (Shipped): 33 lbs
- Power Supply: Input 120VAC, 50/60 Hz, Output: 57Watts, UL listed
- Certification: FCC Class B

*See Pages 179 and 180 for Other Accessories.