



# RadioShack®

You've got questions. We've got answers.®



1998  
ANSWERS™  
CATALOG

\$2.95

# We have the Answers.

## We take the mystery out of electronics.

You're holding one of the most trusted resources in electronics—the RadioShack catalog.

Since 1921, Americans have looked to RadioShack for innovative electronics, a superb selection of parts and accessories plus information and advice not available at other stores. Today, we offer the added convenience of exciting services such as RadioShack Unlimited® and The Repair Shop at RadioShack®. Plus, RadioShack offers fast, easy shipping—great for sending gifts and ordering products for your home or business! For any electronic need, RadioShack is your connection.

## Visit your nearby store.

We have over 25,000 experts who will help you make the most informed buying decisions. We are dedicated to giving you the best values in electronics, the latest technology and the best quality. And, we'll always have answers to your electronics questions.

## "You've got questions. We've got answers..."

We say it in our ads; it's also an attitude that's reflected in our stores and in everything we do. You'll find examples of it in this catalog, like the helpful "Buzz Word" sections that clearly define electronics terms so you know what you're looking at and what you're buying.

RadioShack's 1-800-THE-SHACK phone line and Web Site at [www.radioshack.com](http://www.radioshack.com) can also give you answers... to questions like, "Where's the nearest RadioShack?", "How do I order from RadioShack and RadioShack Unlimited?" and "Can you fix a computer I bought somewhere else?"

Of course, our employees started it all with their excellent knowledge of electronics and a willingness to share it with their customers. Give us a visit. Whether you're looking for a particular item or just want to find out about a new product, we'll help.





## Welcome to America's Telephone Store... and So Much More!

I'm pleased to introduce you to the Sprint Store at RadioShack. Think of a place that takes care of ALL your telecommunications needs in one location and you've got the idea behind the Sprint store. Right at your neighborhood RadioShack you can shop for Sprint phone services such as long-distance and Internet access plus Sprint-branded telephones and clear-sounding Sprint PCS digital wireless phones.

Of course, we haven't stopped offering our own selection of telephone products and pagers or our full array of cellular/wireless products and services. To the contrary, we've added many new products to offer you even more choices!

We've got all the little things you expect and need from us. Speaker cable... AC and DC adapters... the thing that keeps your phone cord from twisting into knots... if it has to do with making your home and office electronics perform better, you bet you can find it right here at RadioShack.

I hope you enjoy your 1998 Answers catalog. Use it as a handy reference tool for learning about electronics. With informative how-to's (like our page on mini-satellite hookups), helpful "Buzz Word" definitions and straightforward product descriptions, we've made shopping for and enjoying electronics easier than ever before.

Visit your nearby RadioShack to see the new Sprint communications center and all the other great things you've come to expect from us. Thanks for shopping with RadioShack!

*Leonard Roberts*

President, RadioShack

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**RadioShack Policy on Advertised Items** The products in this catalog were selected far in advance of this offering, therefore, situations may occur where some products may not be available. If a product is temporarily out of stock, a Rain Check will be issued enabling you to obtain the item at the advertised price. If a product is sold out, a comparable value will be offered. Sorry, Rain Checks will not be offered on special-purchase items or on orders placed through 1-800-THE SHACK. Independent RadioShack dealers and franchisees may not stock or special-order every item advertised. Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102.

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## We're here to serve you!

Our commitment to your satisfaction doesn't stop at the cash register. We want you to see RadioShack as a place to find quality electronics AND as a place to find answers. If you have out-of-warranty electronics in need of repair... the Repair Shop at RadioShack is your solution. Need an accessory for your TV, stereo or phone and can't think of where to find it? Think RadioShack. Can't find an item in our store? We probably have it available through RadioShack Unlimited and can have it shipped direct to your door. Yes, we want you to enjoy our products, but we also want you to feel you can depend on RadioShack for much, much more:



### RadioShack ValuePlus® credit with no annual fee

We've made it easy to get the home electronics you've always wanted. Apply for your own personal line of credit today. Approval often takes only minutes. See page 303.



OPTIMUS.  
OFFICIAL CONSUMER  
ELECTRONICS PRODUCTS

### Optimus—official sponsor of the Rock and Roll Hall of Fame and Museum

RadioShack's brand of premium audio and video products is built to rock! Optimus headphones are used throughout the Rock and Roll Hall of Fame and Museum in Cleveland, Ohio.



### IBM and RadioShack

RadioShack is America's #1 retailer of IBM Aptiva computer systems! Surprised? You shouldn't be. We've been at the forefront of new and exciting technology for years. RadioShack is the source for the high-tech products and answers you're looking for.

See page 256



### Special needs products

We offer a variety of products to meet special needs—telephones that deliver clear, high-volume calls, TTY/TDD text telephones, large-readout clock radios, talking clocks, talking calculators and more. See pages 299-302.



### Sprint-brand products and services offered at RadioShack

Make RadioShack your one stop for all your telecommunications needs. The new Sprint store-within-a-store offers a broad range of traditional telephone products, long-distance and other services, plus the newest technology such as wireless personal communications service and Internet access.

Don't waste your time going through separate companies for all your telecommunications needs. The best long-distance, wireless and other telecommunications products and services are all just a quick shopping trip away. Find out how easy it is when you visit the Sprint store at your local RadioShack.



### Mini-dish satellite TV systems

Experience the fastest-selling consumer electronics product in history! With our own Optimus-brand DSS, RCA-brand DSS or PRIMESTAR, you can enjoy a huge programming selection as well as superb video quality and digital audio. Visit your nearby RadioShack to learn more about this exciting technology. And remember—we can answer all your questions! See pages 136-139.



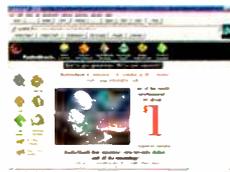
### Tandy Service Plans

Affordable protection is available nationwide for many of our products. These plans take the worry out of maintaining your equipment and extend parts and labor coverage to a total of five years in many cases. See page 303.



### 24-hour professional security monitoring

We offer 24-hour ORCA monitoring service for use with RadioShack self-installed home security systems plus professionally-installed home security systems and monitoring services through ADT. See pages 202-203.



### Internet

For an informative, interactive experience, visit our home page at [www.radioshack.com](http://www.radioshack.com). Use the Store Locator to find the RadioShack store closest to you. Also find out about RadioShack products, sales and special offers, and the growing family of RadioShack services.



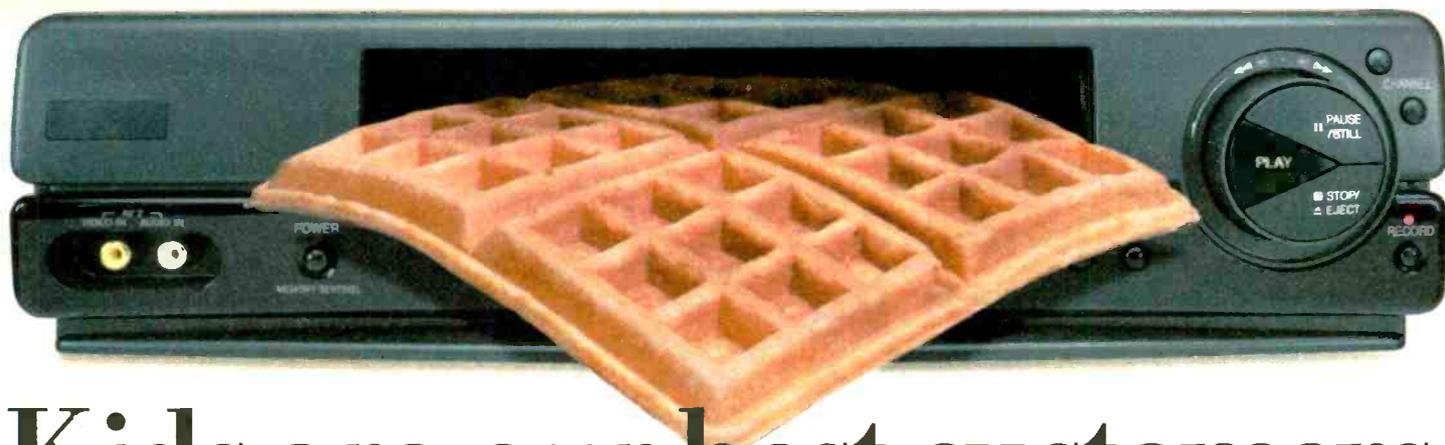
### United Against Crime

RadioShack works with the National Crime Prevention Council and the National Sheriffs' Association to provide you with answers on crime prevention. United Against Crime is one of the many ways in which RadioShack continues to participate in the well-being of your community. See pages 200-201.



### 30-Day Guaranteed Satisfaction Pledge

We will replace or provide a full refund on any product or service, including price guarantee adjustment for any reason within thirty (30) days of purchase.



# Kids are our best customers.

## We'll Fix It. **Fast, guaranteed repairs on most major brands!**

- ✓ All VCR brands
- ✓ Stereos
- ✓ Computers
- ✓ Camcorders
- ✓ Answering machines
- ✓ Telephones (including cellular)
- ✓ Portable TVs up to 13" screen size

In addition to warranty repairs on RadioShack products, the Repair Shop at RadioShack performs repairs on most major brands of electronics. Even if you didn't buy it at RadioShack, bring it to us—we'll fix it! Forget the hassle of looking for repair information for an out-of-warranty product. Instead, make one quick trip to any RadioShack. All repairs are backed with a 90-day parts and labor guarantee—and labor covers the entire unit, not just the repaired component.

For a store near you visit our Web site at [www.radioshack.com](http://www.radioshack.com) or call 1-800-THE-SHACK.

**R** The Repair Shop  
at  
**RadioShack**®

 **1-800-THE-SHACK**

# We'll Send It.

## Stop in or Give Us a Call for Shipment Direct to Your Door.\*

### **We'll get it to your business...**

*Need parts, accessories or products shipped to your business? Need more items than our store has on hand? Want items sent to several locations? RadioShack provides products and services to thousands of businesses, civic groups and individuals nationwide. Let RadioShack meet your special*

*needs... whether you're a teacher, scout leader or owner of a small business. Wherever your business is located, we can have your purchase shipped there... quickly and conveniently. Leave the details up to us.*

### **We'll send it to your home...**

*Shopping in an out-of-town RadioShack? For a nominal fee, we'll have your purchase shipped direct to your door, anywhere in the US... and we'll get it to you fast. You can place your order in any participating store or dealer nationwide; or order toll-free by calling 1-800-THE-SHACK.*

### **We can gift-box it, too...**

*We can place your order in an attractive gift box, add a colorful greeting card (personalized with your own message), and send it anywhere in the US via UPS® delivery service for a nominal fee. Recipients receive a list of nearby RadioShack stores where they can go for accessories, answers, or to exchange a gift.*

 **1-800-THE-SHACK**

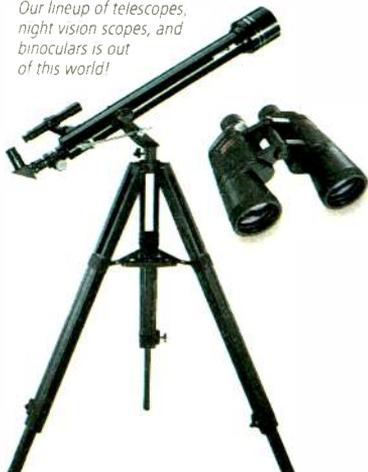
\*Quantity purchase shipments subject to availability and/or back order. Shipping weight, size restrictions may apply. Shipping procedures may vary at some dealer/franchise stores. Gift box service and quantity-purchase discounts not available on RadioShack Unlimited items indicated with RSU. Not all RadioShack dealers or franchisees may participate. UPS is a registered trademark of United Parcel Service.





## RadioShack Unlimited®

Our lineup of telescopes, night vision scopes, and binoculars is out of this world!



Over 550 hard-to-find batteries for phones, watches, calculators, pagers, and more.



The latest software and peripherals for your PC.



Find all the cellular phone accessories you need! Batteries, cases, power cords, antennas and more!



TV mounts for home or office—lots of colors and styles to fit TVs from 13" to 45"!

# Over 100,000 More Items Available for Shipment Direct to You

Why drive from store to store trying to locate a specific battery, accessory or part... chances are we have it in our store or available through RadioShack Unlimited. An extraordinary variety of over 100,000 unique and hard-to-find products — many times more than we stock in our store or feature in this catalog — are available for direct shipment to your door anywhere in the U.S. You'll be amazed at the selection.

Visit our easy-to-use display at participating RadioShack stores and dealers and see how convenient it is to order from RadioShack Unlimited. New items and many new categories are being added and updated regularly.

Take a look at what we have to offer:

### ✓ Audio & video

Public address equipment, phono cartridges, and needles for virtually any turntable; video distribution and editing equipment; satellite accessories, and more.

### ✓ Computer products

Hardware & software, memory upgrades, peripherals, and accessories.

### ✓ Communications equipment

Special-purpose accessories, amateur radio gear, handheld and base-station marine rigs, plus a huge assortment of marine and CB antennas, radio crystals, and more.

### ✓ Electronic parts, components, and kits

Replacement parts for RadioShack electronics; transistors, ICs, even hard-to-find vacuum tubes; tools and soldering equipment, plus educational project kits for hobbyists of all ages.

### ✓ Personal, home, security, and office products

Special needs products, home and auto security systems, telescopes, binoculars, electronic games, word processors, office equipment and supplies, plus hundreds of accessories.



We're radio experts! Marine radios, global positioning systems (or "GPS"), amateur radio gear, antennas and scanner cases you won't easily find elsewhere



Movies (including the new DVD format), music, video games, and karaoke—hundreds to choose from.



Rock in style with official gear as sold in the Rock and Roll Hall of Fame and Museum



Office equipment, word processors, typewriters and ribbons, calculators, language translators, and more!

### Shipping and handling charges

The following standard delivery charges will be added to the amount of your order. 2nd-Day and Overnight delivery services available (not available on all products—see sales associate for assistance):

**2nd-Day Delivery:** Add \$5.00 to the rates shown.

**Overnight Delivery:** Add \$10.00 to the rates shown.

**Note:** Some items may incur additional shipping charges.

Value of Order	Shipping & Handling
0.01-9.9	1.00
10.00-19.99	2.00
20.00-29.99	3.00
30.00-39.99	4.00
40.00-49.99	5.00
50.00-59.99	6.00

Value of Order	Shipping & Handling
60.00-69.99	7.00
70.00-119.99	8.00
120.00-299.99	10.00
300.00-999.99	20.00
1,000.00-2,999.99	35.00
3,000.00-Up	60.00

### Shopping RadioShack Unlimited™ is simple and convenient.

Simply browse through the catalog at our in-store display. One of our sales associates will answer your questions and see that your order is shipped to your home or business—it's just that easy!

Items designated as **RSU** are not stocked in stores, but are available for shipment to home or office through participating RadioShack stores and dealers (shipping procedures may vary at some dealer/franchise stores). Prices apply at participating company stores, and may vary at participating dealers and franchise stores and do not include shipping and handling. Not all RadioShack dealer and franchise stores may participate. Quantity discounts, Tandy Service Plans, gift packaging and rainchecks are not available on **RSU** items. See RadioShack Policy on Advertised Items (page 1) for warranty information.



### **Built to rock.**

The culmination of the latest advances in high technology, revolutionary design, the finest materials, perfect balance, and a dedication to the most refined sense of taste.

*Price \$1,799*



### **Built to Rock.**

The culmination of the latest advances in high technology, revolutionary design, the finest materials, perfect balance, and a dedication to the most refined sense of sound. The Optimus family of speakers with Linaeum-designed tweeters, state-of-the-art home theater systems, portables, headphones and other audio components has been setting the critics on their ears. Read about our critically acclaimed Optimus LX5 and LX10 speakers on page 109 — hear them in action only at RadioShack.

*Prices starting at \$39.99*



**Built to  
ROCK!**  
OPTIMUS  
AUDIO



**RadioShack.**  
You've got questions.  
We've got answers.®



# RadioShack® America's

Telephones

Caller ID

Telephones Accessories

Cellular

Pagers



## Telephones for all your communications needs

### Standard telephones

For dependable, everyday use

- Desktop models
- Wall-mountable
- Many styles and colors



### Special needs telephones

For sight or hearing-impaired individuals

- Big button
- Amplified
- Special ringer tones
- Text phones



### Cordless phones

Give you extra freedom and deliver corded-phone sound quality

- 25-channel
- Long-range 900MHz phones



### Special-feature phones

For easier dialing and access to special phone company services

- Hands-free speakerphones
- Caller ID and Call Waiting ID
- One-touch access to custom calls, through your phone company



### Multi-line phones

How about a phone that handles 3-way conferencing?

- Two-lines
- Four-lines
- Cordless multi-line models



### Answering machines

Stand-alone and phone/answerer combos

- Cordless phone/answerer combos
- Tapeless, all-digital answerers
- Multiple voice mail boxes



### Caller ID devices

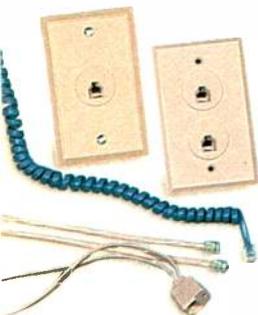
Add-on units and phone/Caller ID combos.

- Backlit display for easy viewing
- Cordless phone/Caller ID combos
- Call Waiting ID

## America's most complete line of telephone accessories

The parts you need—plus friendly, expert advice

- Wall jacks
- Handset cords in many lengths and colors
- Do-it-yourself tools and manuals
- Leather cases for cellular or PCS phones
- Car adapters
- Cordless phone batteries
- Cordless phone antennas
- Phone cable
- Two-line adapters • Cord untanglers • Much more!



## We're Number One!

RadioShack is America's #1 retailer of cellular phones, America's #1 retailer of pagers, and we carry a more complete selection of telephone products than any other nationwide retailer. We have a friendly, knowledgeable sales staff at over 6,700 locations who will be happy to take the time to answer your questions. Plus, you can feel comfortable knowing that no other phones or telephone-related products are more carefully engineered and tested than the products in this catalog! That's why there's no other store in America like RadioShack—America's Telephone Store!



## Cellular phones for extra convenience and security

America's #1 cellular retailer offers you:

- Competitive rates
- Answers to questions
- Worry-free operation

### Accessories

- Leather cases
- Adapters
- Batteries
- Chargers
- Mounts
- Antennas



## Pagers

No other retailer sells more pagers than RadioShack.

- Hot colors, latest styles
- Nationwide service
- Low monthly fees



# Telephone Store

One-stop shopping! Get Sprint long distance, wireless PCS service and Internet access—all at RadioShack.

Sprint PCS

Prepaid Phone Cards

Long-Distance Service

Internet

## The New Sprint Store Offers Even More.



**Most RadioShack stores now feature an exciting new department—a store within a store—selling a new line of Sprint® phones and services**

Sprint products have state-of-the-art features that help you get the most out of today's calling services: Caller ID, Caller ID with Call Waiting, Call Forwarding, Message Forwarding, Call Blocking, Digital Signal Processing and many others. In many stores, Sprint also offers the convenience of prepaid calling cards as well as software and service for easy access to the Internet.



### Sprint PCS is convenient and easy to use

Ready for the future of communication? The latest in digital wireless communications is now available at most RadioShack locations. Sprint PCS phones feature:

- Free Caller ID • Free call waiting
- Crystal-clear reception
- No long-term contracts required
- No activation fees
- Simple, flexible pricing plans
- Easy-to-read invoices

(See page 42 for more information.)

### Sprint Long Distance for affordable, quality service

Now you can sign up for Sprint long distance service in many RadioShack locations. Sprint offers long distance calling from your home for as little as 10¢ a minute!

- Simple pricing structure—you'll always know how much you're paying for long distance
- As low as 10¢ a minute for state-to-state calls
- 100% digital fiber-optic network
- Round-the-clock customer service
- Award-winning customer satisfaction

### Spree Prepaid Fōncards let you call from anywhere

Now you can always stay in touch—available in 3 denominations to fit any budget. Great for students, business people, travelers. (See page 8.)

- Call anytime without coins, bills or credit cards
- Save up to 74% over calling collect
- Save with one low flat rate—no surcharges
- Global access—call to countries worldwide

### Sprint Internet Passport—the easy way to the Net

Sprint makes it fun and easy to experience the magic of the Internet! Easy-to-use kit gives you simple, hassle-free connection. Package includes:

- One month FREE on-line!
- Unlimited Access for only \$19.95 per month
- Hourly rates available for less-frequent usage
- CD-ROM to get you surfing worry-free
- BONUS prepaid \$30 Sprint calling card





Available Oct. 30, 1997

### New 900MHz cordless with Digital Spread Spectrum technology for great sound

**Sprint SP-508.** Now you can work in the yard or visit a neighbor and never miss a call. Phone constantly scans 173 channels for the clearest frequency available, giving you more security, longer range and better sound than traditional cordless phones. Up to ¾ mile range—that's the length of 13 football fields! Great for office or warehouse communication—just add additional handsets (extra) for handset-to-handset call transfer or handset-to-handset communication. Long lasting battery gives you 3 hours talk time, 9 days standby. Recharges battery in as little as 75 minutes. Spare battery capability—base recharges an extra battery so you'll always have a freshly charged battery ready. Intercom function for conversations between base and handset. 20-number speed dialing. (TSP) **43-5508** . . . . . **279.99**  
**Additional handset, 43-5510** . . . . . **159.99**  
**Extra battery, 23-297** . . . . . **9.99**



Available Nov. 30, 1997

### New 900MHz with Caller ID\* and Call Waiting

**Sprint SP-509.** 900MHz phone with digital transmission offers unmatched security and range. 3-line backlit display with Caller ID shows time, date and origin of up to 99 calls. Plus, display also shows who's trying to reach you on Call Waiting without interrupting your conversation. 6 hours talk time, 7 days standby. Quick Charge circuitry recharges battery in as little as 4 hours. Spare battery recharging. Misplace the handset? Press the locator button on the base and the handset beeps. 20-number speed dialing. (TSP) **43-5509** . . . . . **199.99**  
**Extra battery, 23-297** . . . . . **9.99**

## Top-Quality Cordless Telephones

Our Sprint cordless phones are designed to sound great with maximum privacy and security. Plus, some models have Caller ID and a built-in answering machine so you'll always be in touch with family and friends.



### New 25-channel cordless with Caller ID\*

**Sprint Maestro 4625.** 25 channels, auto-scan and one million security codes for clear sound and added privacy. Backlit 3-line display with Caller ID. Stores up to 30 call IDs. Lighted handset keypad. 3 hours talk time, 25 days standby. Base has keypad and speakerphone for 3-way conversation between base, handset and incoming calls. Plus, built-in intercom and 30-number speed dial. Paging feature helps you find handset. Any-key answer, mute. Voice message waiting light alerts you to new messages at the phone company's subscription voice mail service. For desk or wall. (TSP) **43-5501** . . . . . **199.99**

## Introducing The Smart Way to Call Long Distance Sprint Spree Prepaid Calling Cards



Sprint Spree calling cards are available in three denominations to fit any budget and are a great way to stay in touch with friends and family. They're ideal for students, business people and anyone who wants to enjoy the convenience and savings of prepaid long distance!

- Call anytime without coins, bills or credit cards
- Save up to 74% over calling collect
- Save with one low flat rate—no surcharges
- Call from anywhere—pay phone, work, school
- Global access—call to countries worldwide
- An easy way to manage long distance costs

**Stop by RadioShack and get one today!**

#### TELEPHONE ACCESSORIES

See Index for these listings:

Plugs • Jacks • Cords • Dialers • Headsets • Adapters • Ringers and Flashers

\*Caller ID products require Calling Number Delivery Service from your phone company. Service and products may not be available in all stores.

# Reliability, Security...

...convenience, clear sound, affordability—the things everyone looks for in a cordless can be found in Sprint's line at RadioShack. And, a variety of special features are available for an extra measure of value. There's a Sprint phone here for you.



## New 25-channel cordless with 10-number memory

**Sprint SP-502.** Battery fully recharges in as little as 4 hours to give you 3 hours talk time and 25 days standby time. The handset can either lie down or stand up in the cradle so phone can be placed on a desk or mounted on a wall. Program up to 10 numbers in memory, including a pause if necessary for long-distance access numbers. Choose automatic or manual channel selection for the best reception. "Clarity Plus" delivers exceptionally clear sound. If you ever misplace the phone's handset, you can find it quickly and easily with the handset locator feature. Volume control lets you adjust the sound level. Hold, mute, flash and redial buttons. Low battery indicator lets you know if your battery is weak before it runs out in the middle of a conversation. (TSP)

43-5502 ..... 69.99



## New Voice-scrambling security

**Sprint SP-503.** Convenience and security in a compact design. Voice Scramble feature prevents others from hearing your calls—keeps your conversations private. Quick charge the battery in only 4 hours. 3 hours talk time, extra-long 25 days standby time. Store up to 10 numbers in memory. A timed pause can be programmed into numbers stored in memory. Automatic or manual channel selector. Adjustable volume control. Handset can lie down or stand up in cradle. Handset locator. Hold, mute, flash and redial buttons. (TSP) 43-5503 ..... 79.99



## New Base and remote cradles

**Sprint SP-504.** The convenient remote charging cradle lets you recharge the handset anywhere—no phone jack is needed. Voice scrambling keeps your phone calls private and secure. The Quick Charge battery can charge fully in only 4 hours. 3 hours talk time and 25 days standby time. 10-number memory and programmable pause. Choose automatic or manual channel selection. Base can sit on desk or be mounted on wall. Adjustable volume control. Handset locator. Also features hold, mute, flash and redial buttons. (TSP) 43-5504 ..... 99.99



## New Extra charging cradles

A handy accessory for your cordless phone! These convenient remote charging cradles let you recharge the handset anywhere—no phone jack is required. Recharge your phone without placing it back in the original base every time—just slip the handset into one of these cradles, anywhere in your home. Fits 25-channel Sprint cordless phones.

43-5931 (White) ..... 19.99  
43-5930 (Graphite) ..... 19.99





# Answerers with Up to 12 Mailboxes

Most of these fully-digital answerer and phone combos include multi-user voice mail so callers can leave messages for specific people or departments. Choose the one that fits your needs.



**New All-digital answerer with speakerphone, voice Caller ID\*, Call Waiting ID and 12 mailboxes**

**Sprint Meridian 9516CW.** Voice Caller ID guides unknown callers (not on call list) to desired mailbox—automatically routing recognized callers to any of 12 user-defined mailboxes. Voice announce—phone says caller's name (if matched with recognized number) or will announce incoming phone number. Message forwarding—phone calls you at a remote location to notify you of new messages. Call Waiting ID identifies second caller while phone is in use. Multiple-extension capability with Superflash—shows Call Waiting numbers on in-use, similar-model extension phones. Play messages and review caller's list from any TouchTone phone. Fax switch—manage three numbers with two lines through distinctive ring feature. 75-memory call list. Backlit 3-line display. Hands-free mute. Menu-driven setup. (TSP) **43-5814** . . . . . **249.99**

**Digital Signal Processing Speakerphone (DSP).** Allows both parties to speak freely without cutting each other off.

**Fully-digital answerer.** Both outgoing and incoming messages are recorded on a digital chip for more reliable recording, with no tapes to break or replace.

**Hands-free mute button.** Just press mute button once—you don't have to hold it down—to make in-room comments without being heard by the caller.

**Multi-user voice mail.** Lets several people use the same answerer. Messages are kept in separate mailboxes and retrieved with a special code.

**Priority Calling feature in answerers.** Friends calling from any Touch-Tone phone can enter a secret code which sounds a distinctive beeping alert on your answerer so you know it's important to pick up.



**New Fully-digital answerer with phone and time/day stamp**

**Sprint SP803.** All incoming and outgoing messages are digitally recorded on a reliable chip. You can access answerer remotely from any Touch-Tone phone using your numeric code. If you're calling long-distance to check messages, toll-saver helps cut costs. Call screen—hear who's leaving a message. Memo recording. Selective play, skip, delete and repeat functions. 12-minute total recording. Adjustable volume for best sound. Built-in phone speed dials 9 numbers. Mute and hold buttons have light-up LED indicators to let you know you're not being overheard. Redial and flash button for use with special phone service features. (TSP) **43-5803** . . . . . **99.99**



Available Nov. 30, 1997

**New Four mailboxes—perfect for the busy family**

**Sprint SP804.** Separate voice mail for Mom, Dad and the kids saves everyone time. All-digital answerer records up to three outgoing messages. Access answerer remotely from any Touch-Tone phone to retrieve your messages. Friends who enter a secret code can generate a beeping alert signal from your answerer so you or another nearby user know it's important to pick up. Answerer also features a time stamp, call screening, 24-minute recording and a toll saver to save on long-distance message retrieval. Record memos or 2-way conversations. Voice menu guides you for easy setup. Hold and mute buttons have light-up LED indicators to verify activation. 16-number speed dialing and speakerphone with Digital Signal Processing. Flash and redial buttons. (TSP) **43-5804** . . . . . **129.99**

**TELEPHONE ACCESSORIES**

See Index for these listings:

Plugs • Jacks • Cords • Dialers • Headsets • Adapters • Ringers and Flashers

\* Caller ID and Call Waiting ID products require Calling Number Delivery Service from your phone company. Service and products may not be available in all stores.





# Top-Quality Reliable Answerers

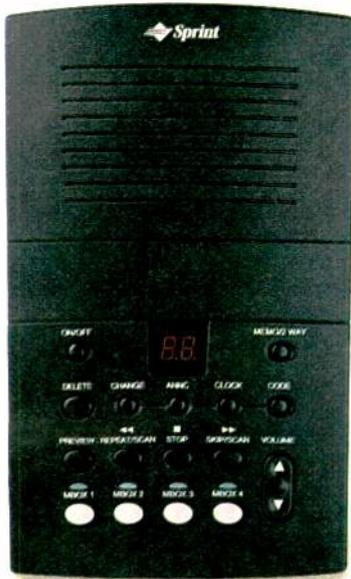
Enjoy the convenience and peace of mind of a feature-packed answerer from Sprint. Models include all-digital answerers, phone/answerer combos, even models with multi-user mailboxes. Choose the one with the special features you want.



Available Sept. 30, 1997

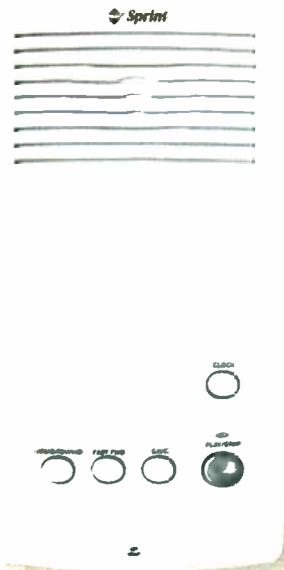
### New Great price on this single-microcassette answerer with phone

**Sprint SP802.** Low-cost phone and answerer combo is packed with features. Shuttle answerer has simple, one-touch playback. Time/day stamp automatically tags each incoming message. Screen your messages to hear who's calling. Answer interrupt feature automatically stops answerer if phone is picked up. Access answerer from any Touch-Tone phone using a numeric code. Toll saver saves on charges for long-distance message retrieval. Record personal memos at the press of a button. Clock button for reviewing and changing the time. Phone has 9-number speed dialing and convenient hold and redial buttons. Flash button for special phone service features. (TSP) 43-5802 . . . . . 69.99



### New Four separate mailboxes

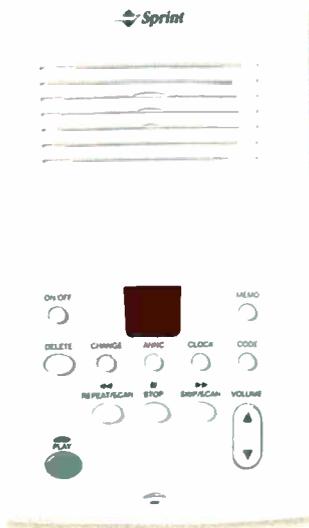
**Sprint SP813.** Perfect for a busy household. Four users can access their own private voice mail. Fully-digital answerer—no tapes to break, replace or rewind! Voice menu provides step by step instructions for easy setup. Time/day stamp on each incoming call. Record up to three outgoing announcements. Screen callers before picking up. Access answerer from any Touch-Tone phone. Toll-saver cuts down on long-distance charges. Priority call signal—send a distinctive alert signal so a nearby listener knows it's important to pick up. 24 minutes of total record time. Audible message alert. Memo and two-way recording. Buttons for play, skip, delete, repeat and preview. (TSP) 43-5813 . . . . . 89.99



### New Advanced features at a budget price!

**Sprint SP811.** Compact microcassette answerer records both outgoing and incoming messages on a single tape—save important messages on tape for your personal files. Day and time stamp records when the call was received. Simple, one-touch playback and one-touch save button. Screen calls to hear who's calling before answering the phone. Call intercept feature automatically stops recording as soon as you pick up. Record memos for later playback by others. Remote operation for checking messages from any Touch-Tone phone. Toll-saver saves on long-distance toll charges when checking messages. (TSP) 43-5811 . . . . . 39.99

Available Sept. 30, 1997



### New Digital answerer with time/date stamp

**Sprint SP812.** A great price for a fully digital answerer with all the best features. Voice time/day stamp tells when each incoming message was received. Reliable digital recording—forget about broken or worn tapes, and waiting for tapes to rewind. Call screen messages. Call intercept stops answerer automatically when phone is picked up. Easy remote message access from any Touch-Tone phone. Toll saver feature saves on long-distance calls to answerer. Memo recording. 12-minute total record time. Separate buttons for play, skip, stop, delete and repeat functions. Adjust the volume for best sound. Two-digit message counter. (TSP) 43-5812 . . . . . 69.99

#### QUESTION:

What is the advantage of having multiple mailboxes?

#### ANSWER:

The mailbox feature allows your message center to be broken into 2 or more sections that can be selected by incoming calls and played back separately. This feature can allow better access for multiple users of the answering system. Each mailbox can have a personalized outgoing announcement and security-code protection so only the mailbox user can get messages.

It's also a great tool for small businesses. Designate separate mailboxes for different departments or personnel.

#### QUESTION:

What is priority calling and how does it work?

#### ANSWER:

An answerer with priority calling can let you know when an important call is being received. The caller simply enters the special priority calling code when your answerer picks up the call. A three-beep signal is sounded for 30 seconds or until you answer the phone.



# Know Who's Calling Before You Say "Hello"

If you subscribe to Caller ID, Call Waiting and Call Waiting ID services through your phone company, these phones will let you know who's calling—even when you're already talking on the phone!



## New 25-memories, Call Logging

**Sprint Maestro 1500CW.** Call Logging keeps a record of the last 25 calls. Preferred Name Match—matches incoming calls with numbers stored in memory. Superflash shows Call Waiting info on any in-use, similar-model extension phones. Call Waiting ID identifies second caller while phone is in use (service offered by your phone company). Program keys for one-button access to custom calling features (offered by your phone company). Menu-driven, step-by-step instructions. (TSP) 43-5901 . . . . . 99.99

## New Speakerphone with Call Logging

**Sprint Maestro 3500CW.** Call Logging lets you store information on last 30 calls. Speakerphone with mute. Preferred Name Match—incoming name and number is compared to names stored. If a match is made, the name is displayed as you stored it. One-button access to custom calling features available through your phone company. Menu-driven display guides you step by step. Three-line backlit LCD display is visible in the dark. One-touch memory dialing. (TSP) 43-5902 . . . . . 149.99



## New Auto dial any number shown on Caller ID

**Sprint SP-903.** Incoming phone numbers, if matched in memory, are displayed under your pre-marked designations so you can mark priority calls. LED lights up for new calls. Preferred name match—displays incoming call as it is stored in memory ("mom"). 64 name-and-number Caller ID, Call Waiting ID. 32-number speed dialing. Speakerphone with hands-free mute button. Hold, redial, and flash keys. Adjustable volume and ringer control. Convenience jack included for another telecommunications device (not a data port). (TSP) 43-5903 . . . 99.99



## New Easy access to custom calling features

**Sprint SP-904.** 5 x preprogrammed buttons allow one-touch access to calling features available through your phone company, including: Call Block, Distinctive Ring, Call Forwarding, 3-Way Calling, Call Waiting and Cancel, Auto Call Back. 64-memory Caller ID, Call Waiting ID. 32-number speed dialing, adjustable volume and ringer control. Speakerphone with hands-free mute, hold, redial and flash buttons. No batteries required. With convenience jack for another telecommunications device (not a data port). (TSP) 43-5904 . . . 119.99





## Telephones for the home and office

From home to office, Sprint offers models with features to fit your needs, and prices that fit your budget—whether you need a basic, reliable home phone or a business-capable multi-feature model.

### **New** Sprint compact phone with memory and adjustable volume

**Sprint SP201/202/203.** This compact, good-looking phone is a big value at this small price. Volume control is adjustable so you can set it to a level that's most comfortable for you—great for noisy homes or offices or for people with hearing difficulties. Ringer volume control is also adjustable. Features 9-number memory for storing emergency numbers or numbers you call often. Redial button calls back the last number you called. Flash button for use with special phone company services like Call Waiting and 3-Way Calling.

Dove Gray, 43-5201. Graphite, 43-5202. Spruce, 43-5203 ..... 29.99



### **New** 9-memory speakerphone

**Sprint SP601.** Convenient Voice Mail Waiting Indicator lets you know if you've received voice mail—saves unnecessary calls to check service. Digital Signal Processing speakerphone lets both parties talk at the same time. Adjustable volume control. Has flash button for use with special phone services. Also has mute, hold and redial buttons. (TSP)

43-5601 ..... 69.99



### **New** 2-line speakerphone with 100-memory Caller ID and Call Waiting ID\*

**Sprint 9417CW.** Two lines make it ideal for office or home. Speakerphone for hands-free use and conference calls, plus a mute button for discreet comments during calls. 100-name/number Caller ID memory lets you know who called while you were out. Call Waiting ID shows who's trying to reach you when you're on another call. Caller list tracks how many times calls have been received from a number. Dial restrictor prevents certain numbers from being called. Dial a number and verify it on the LCD before the phone dials it. Superflash lets you see Call Waiting ID on any in-use extension phone of a similar type. Automatic call timer. Automatic fax switch. (TSP)

43-5704 ..... 199.99



### **New** 32-memory speakerphone

**Sprint SP602.** Store up to 32 phone numbers of people you call often. Digital Signal Processor speakerphone for clear 2-way conversations. LCD display with call timer and clock. Adjustable volume. Line-in-use lets you know if another extension is being used. Flash button for use with special phone services. Hold, mute, redial buttons. (TSP)

43-5602. . . . 79.99



### **New** 2-line speakerphone with 3-way conference calling

**Sprint SP702.** A great choice for a business or home office. Two lines let you use two phone numbers from one phone. Speakerphone provides hands-free calling, even 3-way conference calling. Memory stores 32 numbers. Programmable pause allows you to program a pause in a phone number stored in memory—necessary in some long-distance access numbers. Adjustable volume and ringer controls let you set the sound levels to a comfortable level. Also features mute button, and last-number redial. Flash button for use with Call Waiting. (TSP)

43-5702 ..... 79.99





Available Oct. 30, 1997



Available Nov. 30, 1997

**New 900MHz long-range Digital Spread Spectrum cordless**

**SP-508.** Our best cordless—the ultimate in privacy! Digital Spread Spectrum (SST) spreads your signal across 173 channels—providing security no other cordless can offer. Because the frequencies always change, calls are virtually impossible to access from other phones or on a scanner. With an extended handset range of ¾ mile (that's 13 football fields!), you can make or receive a call while you're down the block or touring the warehouse. The flip-style handset conveniently fits in pocket or purse. Add another handset to transfer calls back and forth or for handset to handset communication. Base-to-handset paging helps you locate a misplaced handset. Memory stores 20 important numbers. Hold and mute buttons on handset. Base charges one battery while the other is in use. A fully-charged battery allows 3 hours of talk time and up to 9 days standby. 75-minute quick charge. Power reserve switches to spare battery during power outages. AC adapter included. (TSP) **43-5508** .....

- Extra handset. 43-5510** .....
- Extra battery. 23-297** .....

**900MHz—our security solution!**

**900MHz Operation**—the very best in cordless phone technology. Gives you exceptional range with unparalleled sound quality. Great for home use and ideal for commercial environments where security is a concern.

There are three types of 900MHz phones. These include **Analog, Digital and Digital Spread Spectrum**. Because they transmit in the higher 900MHz range, all of these phones have superior range to that of 49MHz phones.

**What are the differences between the three?**

**Analog phones** are the least expensive. They transmit a continuous signal like a traditional FM radio broadcast.

**Digital phones** convert the voice into digital form, and transmit the signal in the same way as a modem. The base converts the digital stream back into an audio signal. Because of their digital technology, these phones are more immune to other phone interference. Digital phones are secure meaning the voices are unrecognizable on a scanner.

**Digital Spread Spectrum (SST)** is the best technology on the market hence it is the most costly. They're nearly interference proof and offer the longest range. The frequencies are constantly changing across the entire 900MHz band. They are impossible to monitor on scanners and offer the utmost security.

**New 900MHz digital with Caller ID\* and Call Waiting**

**SP-509.** 900MHz provides the security and range you need to get what you really want from your cordless: great communication. With 10 channels scanned automatically, you'll get a clear channel on every call. Save 20 important or frequently called numbers in memory and recall with just a press of a button. Caller ID and Call Waiting give you important information as to who has called and who is calling—see their name and number on the easy-to-read display. Handset can either lie down in cradle or stand up. Features hold, mute, flash and redial buttons. Base has a slot to quick charge and store an extra battery. Quick charge takes only 4 hours. When the handset battery is low—just switch it out for a fully charged one. Talk for 6 hours without recharging! 7 days standby. AC adapter included. (TSP) **43-5509** .....

- Extra battery. 23-297** .....

**900MHz Cordless Features**

Model	Cat. No.	Page	Color	Channels	900MHz	Memories	Paging	Mute	Ringer Volume Control	Handset Volume Control	Keypad	Additional Features	Price
ET-918	43-1088	15	White	40	Analog	10	✓		✓	✓		Headset capable	<b>\$129.99</b>
ET-917	43-1087	15	Black	30	Digital	10	✓		✓	✓			<b>\$159.99</b>
SPPID910	43-8009	15	Black	10	Digital	20	✓	✓				Caller ID, Call Waiting, lighted keypad, spare battery	<b>\$199.99</b>
ET-910	43-1085	15	Black	10	Digital	10	✓	✓	✓	✓	✓	Speakerphone with intercom hold function	<b>\$199.99</b>
SP-509	43-5509	8, 14	White	10	Digital	20	✓	✓			✓	Caller ID, Call Waiting, spare battery capable	<b>\$199.99</b>
SPPSS960	43-8014	15	Black	20	SST	20	✓					Caller ID, Call Waiting ID, Direct Dialing	<b>\$229.99</b>
SP-508	43-5508	8, 14	Black	173	SST	20	✓	✓				¾ mile range supports additional handsets	<b>\$279.99</b>

**TELEPHONE ACCESSORIES**

See Index for these listings:

- Plugs • Jacks • Cords • Amplifiers • Dialers • Headsets • Adapters
- Ringers and Flashers

\*Caller ID products require Calling Number Delivery Service from your local phone company. May not be available in all areas.





**900MHz digital cordless speakerphone w/dual keypads**

**ET-910.** You can dial from handset or base. Intercom function between base and handset. 10-number memory lets you store phone numbers for speed dialing. Scans 10 channels automatically to select the clearest line for your call. Digital signal keeps your phone conversations private. Any-key answer, two-way intercom/paging and programmable ringers. Flash button for use with Call Waiting. Was \$219.99 in the '97 catalog. (TSP) **43-1085** . . . . . **New Low Price! 199.99**



**New 900MHz cordless with digital sound & security**

**Sony SPP-SS960.** Uses Compact Disc technology to achieve amazing voice accuracy—sounds less like older cordless phones, more like a corded one. Digital security keeps your personal conversations private. Built-in 20-number Caller ID with Call Waiting ID, so you'll always know who's calling. Auto channel hopping searches 20 channels for the best sound possible. 50-number alphanumeric directory with one-finger easy-to-dial access. One-way paging. 3-line LCD. (TSP) **43-8014** . . . . . **229.99**

**Top-Quality Cordless Phones**

Enjoy the convenience and freedom of a cordless without sacrificing sound quality. Our 900MHz phones feature the very latest cordless technology so you get exceptional range and sound quality.



Available Oct. 1997

**New Hands-free headset for cordless and cellular phones**

**HS-151.** Super lightweight headset makes it easy to take and make your phone calls hands-free! Just slip plug into cordless telephone's compatible headset jack and you're ready to go. Fits many phone models. For use with either ear, just swing boom microphone over top of headset. Quick disconnect. **43-194** . . . . . **19.99**



**Sony 10-channel 900MHz digital cordless with Caller ID**

**Sony SPP-ID910.** Everything has been packed into this powerful cordless, including superior range and sound quality, 20-number speed-dial memory and digital security. Channel-hopping feature will automatically find the clearest of 10 channels for you if it detects any interference. If you have Caller ID, the handset LCD screen displays the caller's name and/or number while the phone is ringing. Caller ID on Call Waiting, too. (TSP) **43-8009** . . . . . **199.99**



**New 900MHz 40-channel analog cordless with headset jack**

**ET-918.** 900MHz for increased clarity and range, plus CCT noise-reduction circuitry for exceptional sound. Headset jack fits compatible headset (see above), allowing you to talk hands-free—perfect for when you're working in the yard or garage. Memory holds up to 10 frequently called or emergency numbers. Auto-scan ensures a clear channel for great sound. Flash and redial buttons. One-way page. AC adapter is included. (TSP) **43-1088** . . . . . **129.99**



**30-channel 900MHz digital cordless telephone**

**ET-917.** 900MHz digital signal offers you security and sound quality, so it's perfect for personal home or office phone calls. Auto-scan continuously searches 30 channels to find the very best signal for the best sound possible. Speed-dialing memory holds 10 numbers. Volume control is located in the handset. Hearing aid compatible. One-way page. Battery overcharge protection. Was \$179.99 in the '97 catalog. (TSP) **43-1087** . . . . . **New Low Price! 159.99**





**Sprint**

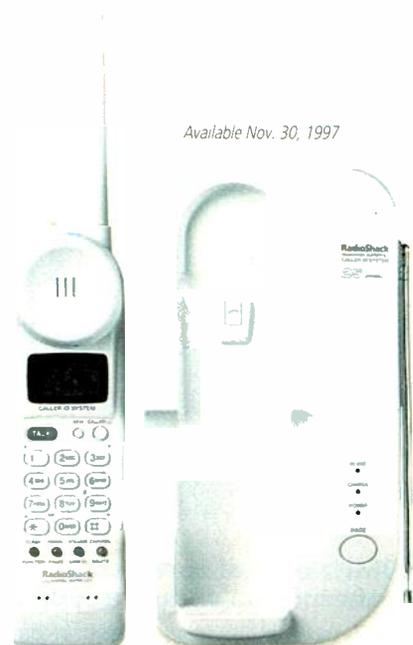
**New Caller ID\* with 30-number memory**

**Sprint 4625.** Chances are, you'll never miss a call again. Caller ID stores up to 30 calls with an easy-to-use call back button. Memory holds 30 personal numbers and names for easy speed dialing. 25-channel auto scan always provides a clear channel to talk on. Message indicator light. Convenient any-key answer makes answering your calls quick and easy. Dual keypad lets you dial from base or handset. Speaker phone. Intercom feature allows you to call base from outside room. Mute and flash buttons. (TSP) **43-5501 . . . . . 199.99**



**New 100-Caller ID\* with "VIP" call list**

**ET-545.** 25-channel cordless auto scan feature locates the clearest channel for call clarity. Caller ID stores and displays up to 100 incoming numbers. Caller ID features a special "VIP" list memory that alerts you with a distinctive ring when someone on your list calls. Three-line LCD clearly displays all the information you need to identify your callers. 30-number speed dial makes your important numbers easy to dial. One-step redial, flash and page function buttons. Lighted keypad. (TSP) **43-1045 . . . . . 129.99**



Available Nov. 30, 1997

**New 30-Caller ID\* with call waiting**

**ET-520.** With 20-memory speed dialing, connecting with important numbers is just a touch away. 25 channels and auto scan make sure you'll enjoy clear cordless conversations. Caller ID holds 30 names and numbers. Call Waiting display alerts you to the name and number of your caller. One-way page makes it easy to find a lost handset. Flash button. 3-line backlit LCD. Battery carries 7-hour talk time with 1-week standby. AC adapter and universal wall mount bracket included. (TSP) **43-1020 . . . . . 129.99**

Model	Cat. No.	Page	Color	Battery Replacement	Speed Dial	Paging	Mute	Ringer Volume Control	Handset Volume Control	Lighted Keypad	Base Keypad	Speaker Phone	Features	Price
ET-538	43-1038	18	White	RSU 11510641	9	✓	✓						Upright design	<b>59.99</b>
ET-537	43-1037	18	White	RSU 11510641	9	✓	✓						Auto Talk	<b>59.99</b>
ET-549	43-1049	18	White	23-281	10	✓		✓					Digital security	<b>69.99</b>
ET-551	43-1051	18	White	RSU 10479855	9	✓							Volume control	<b>69.99</b>
ET-502	43-5502	9,18	Black	23-197	10	✓	✓				✓		Quick charge	<b>69.99</b>
ET-547	43-1047	18	White	23-281	13	✓		✓	✓				3 one-touch memories	<b>79.99</b>
ET-557	43-1057	18	Black	23-281	13	✓		✓	✓				3 one-touch memories	<b>79.99</b>
ET-503	43-5503	9,17	White	23-197	10	✓	✓						Voice scramble	<b>79.99</b>
ET-539	43-1039	18	Black	RSU 10456507	10	✓			✓	✓			CCT circuits	<b>89.99</b>
ET-542	43-1042	17	White	RSU 10450971	10	✓							Sports, water resistant	<b>99.99</b>
ET-543	43-1043	17	White	RSU 10450971	30	✓			✓	✓			LCD handset	<b>99.99</b>
ET-550	43-1050	17	White	RSU 10479855	20	✓					✓	✓	Hold, Intercom	<b>99.99</b>
ET-504	43-5504	9,17	Black	23-197	10	✓	✓						Charge cradle	<b>99.99</b>
ET-548	43-1048	17	White	RSU 10450971			✓		✓				Headset	<b>129.99</b>
ET-520	43-1020	16	White	RSU 10479855	20	✓		✓	✓				Caller ID, Call Waiting	<b>129.99</b>
ET-545	43-1045	16	Black	RSU 10450971	30	✓				✓			Caller ID	<b>129.99</b>
SP-4625	43-5501	8,16	Black	23-280	30	✓	✓			✓	✓		Caller ID	<b>199.99</b>

**CORDLESS PHONE ACCESSORIES**

See Index for these listings:

Adapters • Jacks • Batteries • Chargers • Wire



\*Caller ID products require Calling Number Delivery Service from your local phone company. May not be available in all areas.

*Butt*  
WORDS

**Multichannel Operation.** Automatically seeks out\* the best operating channel to minimize interference and maximize your phone's performance.

**Quick Charge.** Some models offer a battery charging system that fully charges the handset battery in 4 to 5 hours.

**Advanced Super CCT Circuitry.** Special "compander" noise-reduction circuit dramatically cuts static for sound quality that rivals many corded phones.

**Automatic Access-Protection Code.** An auto-set digital security code that helps prevent unauthorized access by other cordless phone users in your vicinity. A must for apartment dwellers!



**25-channel, hands-free cordless headset phone**

**ET-548.** Great for home or office—any place you need your hands free while talking on the phone. You can answer, hang up and dial up to 50 feet away from base. 25 channels ensure clear reception for you automatically! 65,000 digital security codes prevent interference from other cordless phones. Speed-dial memory holds up to 10 numbers. Easy access rotary volume control. Adjustable boom microphone. Pause, flash and automatic redial. Hearing aid compatible. (TSP) **43-1048** ..... **129.99**



**25-channel upright with LCD display**

**ET-543.** 25-channel selector automatically finds the best channel to deliver maximum performance with minimum interference. LCD display shows channel and phone numbers up to 12 digits. 65,000-combination digital security coding prevents other nearby cordless phones from accessing your line. Memory stores up to 30 numbers. Features flash button for such services as Call Waiting and 3-Way Calling. One-touch redial. Was \$129.99 in '97 catalog. (TSP) **43-1043** ..... **New Low Price! 99.99**



**New Sprint 25-channel cordless with voice scramble**

**Sprint-SP503.** Voice scramble keeps your phone conversations private by scrambling your signal so no one will be able to pick up on your conversations. 10-number memory. 4-hour quick charge. Hold function. Flexible rubber antenna on base and handset. (TSP) **43-5503** ..... **79.99**



**New Sprint remote charging cradle and voice scramble**

**Sprint-SP504.** 25-channel phone features remote charging cradle that lets you recharge your phone anywhere—you don't even need a phone jack. Plus, quick charge feature charges your phone in only 4 hours instead of 14. With voice scramble, your private conversations are kept private. Page locator makes sure you never lose the handset. Hearing aid compatible. (TSP) **43-5504** ..... **99.99**



**New 25-channel cordless with dual keypads**

**ET-550.** Convenient keypads on both the handset and base. 10-number memory for frequently called or emergency numbers. Phone also acts as a speaker-phone and as a two-way intercom system between phone and base. Manual channel selector lets you choose the clearest channel available. One-touch redial. Hold and flash buttons. (TSP) **43-1050** ..... **99.99**



**Water-resistant upright with 10-channel memory**

**ET-542.** Perfect poolside phone! Water-resistant handset lets you talk almost anywhere. Automatically finds the clearest channel. 10-number memory. Unique loop antenna lets you hang the handset in easy reach wherever you are. Was \$129.99 in '97 catalog. (TSP) **43-1042** ..... **New Low Price! 99.99**





**25-channel cordless with 13 speed-dial memories**

**ET-557.** Scans 25 channels to provide the best available reception. Memory stores 10 phone numbers, plus 3 one-touch priority numbers. Automatically secures your phone line from other cordless phones. Flash, redial and volume control. Hearing aid compatible. Desk or wall. Dark gray. Was \$99.99 in '97 catalog. (TSP) 43-1057 . . . . . **New Low Price! 79.99**



**Table or wall convertible cordless telephone**

**ET-547.** Memory holds 10 numbers and 3 one-touch memories for frequently called numbers. With 25 channels, you'll always find the clearest channel available. CCT circuitry gives you crisp sound and excellent reception. Volume control lets you adjust ringer and incoming sound level. Was \$99.99 in '97 catalog. (TSP) 43-1047 . . . . . **New Low Price! 79.99**

# RadioShack Cordless Telephones

*RadioShack brand cordless phones are designed and built to exacting standards. Each is checked 40 different ways, including temperature extremes, drop survival and "real-world" testing. We're so confident of their quality that we back them with a One-Year Limited Warranty. See store for details.*



**Trim-style cordless with lighted keypad**

**ET-539.** Stylish phone rests on a table or desk or can be mounted on a wall. CCT circuitry reduces static and 25-channel design finds the clearest channel available, automatically. Memory holds 10 numbers. Lighted keypad allows for easy dialing. Antenna on handset conveniently retracts. Was \$119.99 in '97 catalog. (TSP) 43-1039 . . . . . **New Low Price! 89.99**

Available Oct. 30, 1997



**New Trimstyle cordless with 9 memories and handset locator**

**ET-551.** Slide volume control on the handset. 25-channel operation and CCT for clarity. 65,000-combination security guards against eavesdropping. One-touch redial. Hearing aid compatible. Ringer on/off switch. (TSP) 43-1051 . . . . . **69.99**



**New Sprint cordless with 10 speed-dial memories**

**SP-502.** Find your mislaid handset by paging from the base. Adjust volume on handset. Mute, redial, flash and hold. Hearing aid compatible. For desk or wall. Battery charges in only 4 hours. 25-day standby. Dual-stance handset. (TSP) 43-5502 . . . . . **69.99**



**10-number speed dialing cordless with digital security**

**ET-549.** CCT noise reduction and 25 channels, 10-number memory. Combination digital security code prevents line intrusions. Redial. Was \$89.99 in '97 catalog. (TSP) 43-1049 . . . . . **New Low Price! 69.99**



**Cordless with auto scan and base-to-handset paging**

**ET-537.** Automatic scanning checks 25 channels for a clear channel. Speed dialing of 9 numbers. Auto talk and standby. Was \$79.99 in '97 catalog. (TSP) 43-1037 . . . . . **New Low Price! 59.99**



**Upright cordless with 9-number memory**

**ET-538.** 25 channels let you select the best channel for maximum range and clearest reception. CCT circuitry cuts static, increases clarity. Was \$79.99 in '97 catalog. (TSP) 43-1038 . . . . . **New Low Price! 59.99**



Available Nov. 30, 1997



### 900MHz cordless combo with multi-user digital answerer

**TAD-1010.** Four mailboxes let callers leave messages for specific people. All-digital, tapeless answerer stores up to 30 minutes of messages. Remote access from any Touch-Tone phone. Room monitor. Ultra-high frequency 900MHz operation with digital signal transmission dramatically increases range and clarity. 10-channels. Ringer control lets you pick one of four ringer styles. 65,536-combination security prevents other nearby cordless phones from accessing your line. Add 9V battery backup. Hearing-aid compatible. Was \$319.99 in '97 catalog. (TSP)

**43-771** ..... **New Low Price! 279.99**

### New 900MHz, 40-channel cordless with digital answerer

**TAD-1017.** 900MHz analog cordless with CCT and 40-channel auto scan. Features 10 memories, base-to-handset paging and 65,536-combination digital security code. Handset has keys and volume control, redial, flash buttons. All-digital answerer has 20-minute recording, voice-activation, voice time/day stamp, call screening and toll saver. Handset acts as a remote control for your answerer—you can repeat or skip messages, record a memo or answer a caller leaving a message—all from the comfort of your couch. Universal wall mount. (TSP)

**43-776** ..... **199.99**

### New 25-channel cordless combo has Caller ID and Call Waiting ID\*

**Sony SPP-A700.** All-digital, tapeless answering system features both Caller ID and Call Waiting ID to identify current and waiting callers. ID stores last 20 calls. Caller match ringing shows familiar names of callers you've programmed in memory. Answerer includes a voice time stamp, 15-minute recording, call screening and memo recording. Optional announcement-only mode. Base-to-handset page allows fast, easy location of a missing handset. Cordless has CCT for clear sound. 20 memories. Long-life cordless battery with 14-day standby time. (TSP)

**43-8013** ..... **179.99**



### 25-channel cordless combo with message alert forwarding

**TAD-268.** Answerer has remote operation, toll-saver, call screening, and 2-way recording. Auto-call forwarding to a phone or pager number to let you know a message has been received. 25-channel cordless for excellent sound quality. Handset gives you complete control of all functions! Intercom and 2-way paging between handset and base. Handset and speaker volume controls. 1-million combination auto-select security code randomly selects and changes code. Headset jack for hands-free use with optional headset (sold separately). Was \$159.99 in '97 catalog. (TSP) **43-738** ..... **New Low Price! 149.99**

**Hands-free headset. RSU 10274546** .... **24.99**



### New 25-channel cordless combo with digital answerer

**TAD-1015.** Great-sounding cordless speed-dials 10 numbers. Handset accesses answerer. Buttons for memo, pause, flash, and redial. All-digital answerer has 20-minute record time, voice time stamp, call screening and memo recording. Base-to-handset paging. Set a personal security PIN code for answerer access. Pause button for use with office PABX systems. Digital auto-select security code. Full-function remote control from any Touch-Tone phone. Hearing-aid compatible. (TSP)

**43-774** ..... **149.99**



### New Cordless speakerphone with all-digital answerer

**TAD-1016.** 25-channel cordless with CCT for super-clear sound. Keypads on both base and handset. Intercom on handset and base. Hands-free speakerphone lets you take notes or do household tasks while you talk. Buttons for redial, hold and flash. Digital auto-select security code. Full-digital, tapeless answerer with voice stamp, message counter and 20-minute record time. Access answerer by handset or any Touch-Tone phone. Screen calls, record memos. Optional announcement-only mode. (TSP)

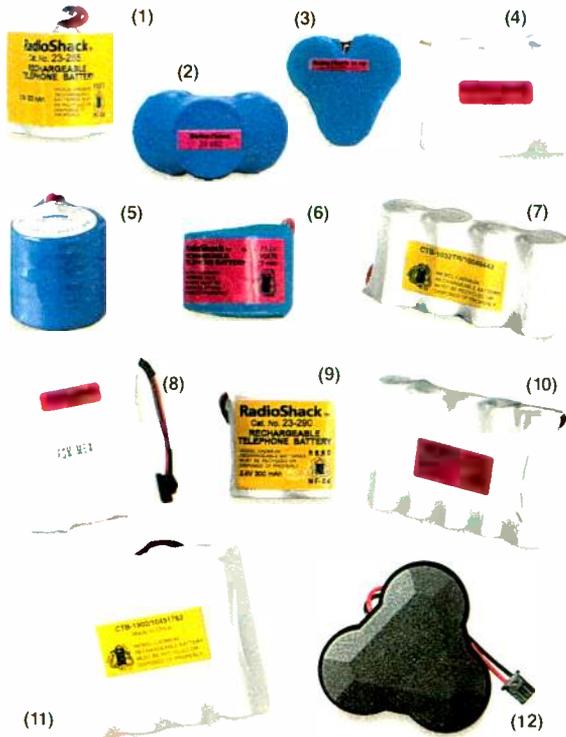
**43-775** ..... **169.99**

\*Caller ID and Call Waiting ID products require Calling Number Delivery Service from your phone company. May not be available in all areas.

Items with an **RSU** number are available for fast shipment direct to your door from RadioShack Unlimited. Shipping and pricing information on page 4

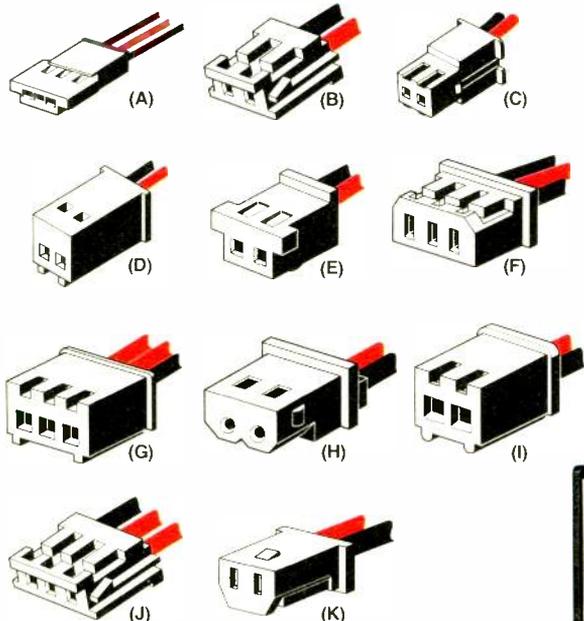


# We'll Keep You Talking



## How to choose the right battery for your cordless phone.

First, look at the photos above and select the right battery configuration. Next, look below and select the right connector. Be sure the black and red wires are in the same position. If you have any problems or questions, just call your local RadioShack.



## Cordless telephone replacement battery packs

Replace those tired cordless phone batteries with a fresh set of RadioShack rechargeables. Photos at the left show the type of connector plug used on each battery pack.

Fig.	Battery Type	Volts	mAh	Connector Figure	Catalog Number	Each
3	Ni-Cd	3.6	280	C	23-192	<b>9.99</b>
8	Ni-Cd	3.6	600	C	23-193	<b>9.99</b>
5	Ni-Cd	3.6	280	D	23-194	<b>9.99</b>
5	Ni-Cd	3.6	280	C	23-195	<b>9.99</b>
4	Ni-Cd	3.6	300	H	23-196	<b>9.99</b>
4	Ni-Cd	3.6	300	B	23-197	<b>9.99</b>
5	Ni-Cd	3.6	280	A	23-199	<b>9.99</b>
4	Ni-Cd	3.6	300	D	23-280	<b>9.99</b>
4	Ni-Cd	3.6	300	C	23-281	<b>9.99</b>
2	Ni-Cd	3.6	280	H	23-282	<b>9.99</b>
10	Ni-Cd	6.0	600	H	23-283	<b>12.99</b>
5	Ni-Cd	3.6	280	F	23-284	<b>9.99</b>
1	Ni-Cd	3.6	300	C	23-285	<b>9.99</b>
8	Ni-Cd	3.6	600	E	23-286	<b>9.99</b>
9	Ni-Cd	2.4	300	H	23-290	<b>9.99</b>
6	Ni-Cd	3.6	170	H	23-291	<b>9.99</b>
3	Ni-Cd	3.6	280	B	RSU 10049724	<b>11.99</b>
4	Ni-Cd	3.6	350	I	23-293	<b>9.99</b>
4	Ni-Cd	3.6	300	F	23-292	<b>9.99</b>
4	Ni-Cd	3.6	300	G	23-294	<b>9.99</b>
2	Ni-Cd	3.6	170	H	RSU 10049542	<b>12.99</b>
5	Ni-Cd	3.6	280	H	RSU 10049617	<b>9.99</b>
8	Ni-Cd	3.6	500	H	RSU 10049393	<b>9.99</b>
7	Ni-Cd	4.8	250	D	RSU 10049443	<b>12.99</b>
11	Ni-Cd	4.8	600	A	RSU 10451763	<b>11.99</b>
4	Ni-Cd	3.6	270	New-J	RSU 10456507	<b>11.99</b>
5	Ni-Cd	3.6	280	New-K	RSU 10451045	<b>9.99</b>
12	Ni-MH	3.6	320	New-C	23-296	<b>9.99</b>



### New 900MHz Ni-Cd cordless battery

3.6 volts. Fits Sony, AT&T and V-Tech phones. 600mAh.  
23-295 ..... **11.99**



### Sony® cordless phone battery

4-volt rechargeable battery fits Sony cordless phones. 500mAh.  
23-198 ..... **16.99**

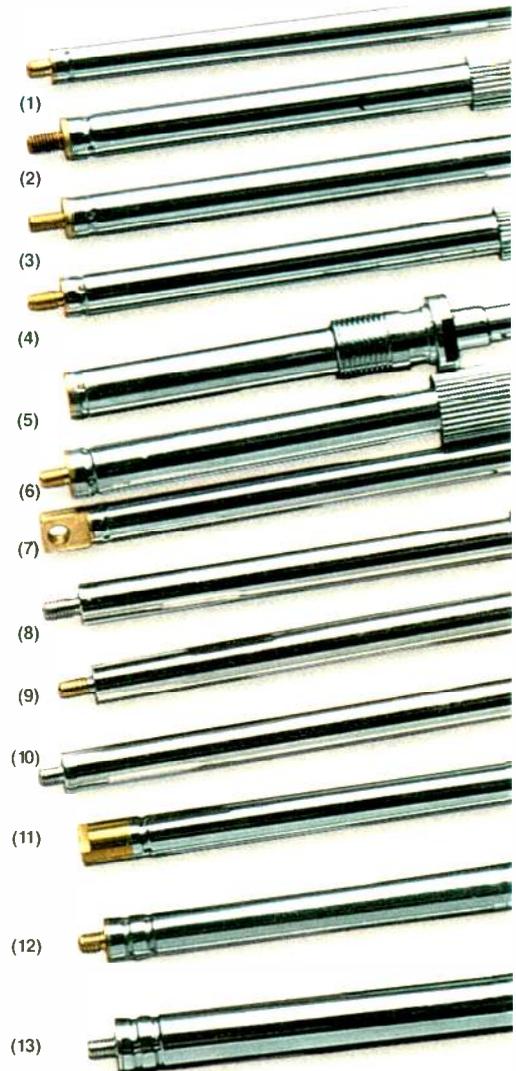
## An easy fix for your broken antennas

A bent or broken antenna can seriously hinder your ability to communicate. At RadioShack, we carry a large selection of replacement antennas and we make it easy to find the one you need. When you remove your old antenna, match up the attachment point to the photos shown to the right to help assure the correct selection. The RadioShack Unlimited<sup>SM</sup> catalog also lists correct replacements by the phone brand and model number—to be sure, jot down your phone's brand and model number, and bring along your old antenna when you visit!

**Note: The Bases Must Match**



Figure	Brand	Metal Catalog #	Price	Rubberized RSU	Price
1	CobraPhone, ITT, Northwestern Bell, RadioShack, Uniden	270-1414	3.49	11236551	6.49
2	AT&T, Columbia, Northwestern Bell, La Phone, Universal, Spectra Phone, Tele-Phone	270-1411	3.99	11236577	6.49
3	AT&T, Code-A-Phone, Conair, GTE, Great Technology, Pac-Tel, Unisonic, RadioShack, Telequest	270-1410	4.19	11236544	6.49
4	Bell South, Conair, Cobraphone, Emerson, Code-A-Phone, GTE, Extendaphone, ITT, Goldbeam, MCE, Northwestern Bell, Phonemate, Uniden, RadioShack, Unisonic, Southwestern Bell, Spectra Phone, Starlight, Universal	11236452	3.19	11236536	6.49
5	Panasonic	11236494	3.99	11236569	6.49
	Panasonic, RadioShack	11236700	3.79	11236684	6.49
	Cobraphone, RadioShack				
	Southwestern Bell	11236775	3.19	11236668	6.49
	Cobraphone, Extendaphone, Fannon-Courier, Pacer, Webco	11236759	3.79	11236817	6.49
6	Talkman, Telemania	11236759	3.79	11236817	6.49
	Southwestern Bell	11236239	11.19	11236817	6.49
7	Sony, Toshiba	N/A	N/A	11236825	15.29
8	AT&T, Nippon	11236734	2.99	11236676	6.49
	Cobraphone, MCE	11236692	4.19	N/A	N/A
	RadioShack, Southwestern Bell	11236692	4.19	N/A	N/A
9	General Electric	11236528	3.99	11236593	6.49
10	Southwestern Bell	11236486	12.29	11236536	6.49
11	Cobraphone, Conair	11236510	3.29	11236585	6.49
	ITT, Conair, RadioShack	11236619	2.99	11236601	6.49
12	Bell, Cobraphone Extendaphone, RadioShack	11237203	3.59	N/A	N/A
13	Southwestern Bell	11269552	12.39	11236536	6.49
	General Electric	11236726	3.99	11237302	6.59
	Panasonic	11237245	8.29	11236627	6.49
	Southwestern Bell	11269578	17.69	N/A	N/A
	Southwestern Bell	11269545	12.39	11236536	6.49
	Sanyo, Sears, Alaron, Audiovox, Cobraphone, MCE, Mura	11237195	2.89	11236650	6.49



### Replacements shipped right to your door!

RadioShack Unlimited carries a wide selection of cordless telephone replacement antennas. Stop by your nearest RadioShack and check out RadioShack Unlimited, our huge catalog of unique and hard-to-find specialty items. You'll find replacement antennas for just about every brand of cordless phone! RadioShack Unlimited lists several replacement antennas that are not shown above which fit cordless phones and other products. And we'll ship them all right to your door.



**Replacement antenna**  
Flexible antenna replaces most AT&T cordless telephone antennas.  
270-1451 ..... 7.99



**Rod replacement**  
Flexible replacement antenna fits most RadioShack cordless telephones.  
270-1453 ..... 7.99



**Universal flexible antenna**  
Replaces telescoping antennas on most cordless phones. 43-191 ..... 5.99



**Handset carrying cases**  
Protective cordless phone cases. Soft black vinyl. 43-190 ..... 5.49  
Nylon case. 43-199 ..... 7.99



**Universal belt clip**  
Attaches easily and securely to your cordless phone so your hands are free. Was \$4.99 in '97 catalog. **Black, 43-168. White, 43-167, New Low Price! 3.49**



**New Cordless headset**  
Go hands-free! For cordless or cellular phones. Fits many manufacturers' models. Boom microphone adjusts so you can wear headset over either ear. 2.5mm right-angle connector.  
43-194 ..... 19.99





### New Answerer and voice announce Caller ID

**Sprint Meridian 9516CW.** Multi-line phone with built-in Caller ID announces incoming calls placed from numbers you have programmed. Plus, Call Waiting ID identifies callers before you switch lines to answer. Superflash lets you see waiting ID on any in-use extension phones of the same type. Stores 75 name-and-number calls. All digital answering machine has 12 mailboxes for different people or departments. Will even call you at another number to let you know you have a new message. Incoming calls can be programmed to be routed to the correct mailbox. Automatic fax switch. Dial restricter. Menu-driven set-up. 3-line backlit display. (TSP) **43-5814** ..... **249.95**

## Compact 2-in-1 Combos

Save space and eliminate clutter—without sacrificing quality or performance. Our phone/answerer combinations have the features you want most. And they're all backed by RadioShack's 1-year limited warranty. See store for details.



### Digital answerer with time/day stamp on incoming calls

**TAD-1004.** All digital—no tapes to replace. Voice tells you when each call was received. Remote operation lets you retrieve messages from a Touch-Tone phone. Call monitor. Phone has 13-number memory, flash button, privacy and last-number redial. Memory backup requires 9V battery. (TSP) Was 119.99 in '97 catalog. **43-744** ..... **New Low Price! 99.99**



Available Nov. 30, 1997

### New 4-mailbox answerer and speakerphone with memory

**Sprint SP804.** 4 mailboxes for 4 different users. Long 24-minute record time. Time/day stamp tells you when calls were received. Store 3 different outgoing messages—choose the one you want to use at the touch of a button. Voice menu guides you through set-up. Phone has 16-number memory, hold, last-number redial. (TSP) **43-5804** ..... **129.99**



### New Digital answerer with 9-number speed-dialing phone

**Sprint SP803.** Digital answerer with time/day stamp and 12-minute record time. Quickly scan forward or back while listening to messages. With remote access you can retrieve messages and more from a Touch-Tone phone. Call monitor lets you hear the caller before you answer. Phone has flash, mute, hold and last-number redial. (TSP) **43-5803**, **99.99**



### Digital with voice stamp

**TAD-1006.** "Voice stamps" messages with the time and day they were received. Incoming and outgoing messages are digitally recorded. 2-way and memo recording, announce-only mode, programmable security code, call screening and volume control. Memory backup requires 9V battery. (TSP) Was 119.99 in '97 catalog. **43-768** ..... **New Low Price! 79.99**



Available Nov. 30, 1997

### New Digital answerer and phone with amplified handset

**TAD-1028.** Fully-digital answerer features 14-minute record time and remote operation from any Touch-Tone phone. Call monitor. Memo recording lets you leave messages for other family or household members. Built-in telephone features a lighted keypad and volume control. (TSP) **43-788** ..... **79.99**



Available Oct. 30, 1997

### New All-digital answerer features 13-memory phone

**TAD-1026.** Fully digital—no tapes to replace. Voice time/day stamp on each incoming call. Play back all messages or new ones only. Lets you record 2 outgoing messages. With call monitor you can hear who's calling before you pick up. Phone has redial, flash and hold buttons. (TSP) **43-786** ..... **79.99**



**New One-button microcassette answerer & big-button phone**

**TAD-285.** Full-featured, yet simple-to-use, answerer with remote operation lets you turn the machine on, retrieve your messages, erase messages and more from any Touch-Tone phone. Has call screening so you can hear who's calling before you answer. Voice-activated recording reduces blank spots on tape. Toll saver saves charges when checking messages from long distance. The extra-large, soft buttons on the phone are easy to dial. 10-number memory and 3 one-touch priority dialing buttons. Flash button for use with Call Waiting and 3-Way Calling. Last-number redial. Neon light bar flashes when the phone rings. High/low/off ringer switch. (TSP) **43-785** ..... **89.99**

**New Trim answerer and phone combo is extra compact!**

**TAD-1018.** This unit is sized to save optimum space on your nightstand, counter or desk. Outgoing message is digitally recorded and incoming messages are recorded on a single microcassette. Remote operation lets you check your messages and perform other functions from a Touch-Tone phone. Voice-activated recording saves tape space and speeds up your call checking time. Call screening allows you to hear the caller's voice before you decide to answer. Toll saver feature saves on long-distance charges. The phone features a flash button for use with special phone company services like Call Waiting. Last-number redial and adjustable handset volume control. **43-778** ..... **69.99**

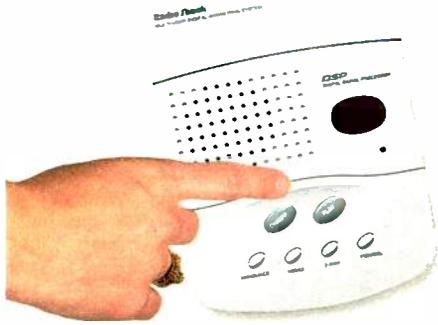
**New Sprint microcassette answerer with time/day stamp**

**Sprint SP-802.** Stylishly designed phone and answerer includes the most useful features. A voice tells you the day and time each call was received so you don't have to depend on callers to tell you when they called. Play back messages at the touch of a button or hear them from any Touch-Tone phone. Call screening lets you hear the caller before you decide to answer or not. Memo recording lets you leave messages for others in the house. Toll saver can save you long-distance charges when calling to check your messages. The built-in phone features a 9-number speed-dialing memory. Flash button for use with special services. Redial button. **43-5802** ..... **69.99**

TADS Model	Cat. No.	Cat. Page	Max. Outgoing Msg. Length	Max. Incoming Msg. Length	Total Recording Time	Remote Operation	Day/Time Stamp	Memo Record	2-Way Record	Room Monitor	Voice Assisted Operation	Ringer Select	Speed Dial Memory	Cordless	Price
Microcassette-Based Answering Machines															
SP-811	43-5811	11, 25	30 sec	4 min	micro*	✓	✓	✓				4/TS			<b>\$39.99</b>
TAD-277	43-777	25	30 sec	5 min	micro*	✓	✓	✓				2/4/7/TS			<b>\$49.99</b>
TAD-222	43-722	25	16 sec	1 min	micro*	✓	✓	✓				TS			<b>\$59.99</b>
TAD-275	43-761	25	30 sec	1 min	micro*	✓	✓	✓				TS			<b>\$59.99</b>
TAD-518	43-715	24	1 min	1 min	micro*	✓	✓	✓	✓	✓		TS			<b>\$79.99</b>
TAD-516	43-754	25	16 sec	2 min	micro*	✓	✓	✓				TS			<b>\$79.99</b>
Digital Answering Machines															
TAD-1024	43-784	24	2x32 sec	1 min	14 min	✓	✓	✓	✓			2/4/7/TS			<b>\$59.99</b>
TAD-1027	43-787	24	1 min	1 min	14 min	✓	✓	✓				4/7			<b>\$59.99</b>
SP-812	43-5812	11, 24	3 min	3 min	12 min	✓	✓	✓		✓		2/4/TS			<b>\$69.99</b>
TAD-1003	43-743	24	30 sec	1 min	14 min	✓	✓	✓		✓		2/4/TS			<b>\$69.99</b>
TAD-1009	43-781	24	1 min	1 min	16 min	✓	✓	✓			✓	2 to 9/TS			<b>\$69.99</b>
SP-813	43-5813	11, 24	3 min	3 min	24 min	✓	✓	✓	✓		✓	2/4/TS			<b>\$89.99</b>
TAD-1005	43-745	24	3 min	3 min	60 min	✓	✓	✓	✓	✓	✓	1 to 9/TS			<b>\$89.99</b>
Answerers with Integrated Phones, Corded															
TAD-1018	43-778	23	30 sec	5 min	micro*	✓	✓	✓				2/4/7/TS			<b>\$69.99</b>
SP-802	43-5802	11, 23	30 sec	4 min	micro*	✓	✓	✓				4/TS	9		<b>\$69.99</b>
TAD-1006	43-768	22	2x60 sec	1 min	16 min	✓	✓	✓				1/9/TS	13		<b>\$79.99</b>
TAD-1028	43-788	22	1 min	1 min	14 min	✓	✓	✓				2/4/TS			<b>\$79.99</b>
TAD-1026	43-786	22	2x30 sec	1 min	14 min	✓	✓	✓				2/4/7/TS	13		<b>\$79.99</b>
TAD-285	43-785	23	30 sec	1 min	micro*	✓	✓	✓	✓			1/4/9/TS	13		<b>\$89.99</b>
SP-803	43-5803	10, 22	3 min	3 min	12 min	✓	✓	✓		✓		2/4/TS	9		<b>\$99.99</b>
TAD-1004	43-744	22	30 sec	1 min	14 min	✓	✓	✓		✓		TS	13		<b>\$99.99</b>
SP-804	43-5804	10, 22	3 min	3 min	24 min	✓	✓	✓	✓		✓	2/4/TS	9		<b>\$129.99</b>
9516cw	43-5814	10, 22	2 min	2 min	30 min	✓	✓	✓				2/4/9/TS	75		<b>\$249.99</b>
Answerers with Integrated Phones, Cordless															
TAD-1015	43-774	19	1 min	4 min	20 min	✓	✓	✓				2/5/TS	10	25 ch	<b>\$149.99</b>
TAD-268	43-738	19	21 sec	3 min	micro*	✓	✓	✓	✓			1 to 7/TS	10	25 ch	<b>\$149.99</b>
TAD-1016	43-775	19	1 min	4 min	20 min	✓	✓	✓				2/5/TS	20	25 ch	<b>\$169.99</b>
SPPA700	43-8013	19	1 min	4 min	15 min	✓	✓	✓				3/TS	20	25 ch	<b>\$179.99</b>
TAD-1017	43-776	19	1 min	4 min	20 min	✓	✓	✓				3/7/TS	10	900MHz	<b>\$199.99</b>
TAD-1010	43-771	19	1 min	1 min	30 min	✓	✓	✓				2/4/TS	10	900MHz	<b>\$279.99</b>

\*Microcassette recording time depends on length of tape used. All machines feature Call Monitor.





**Four user mailboxes and one hour of all-digital recording**

**TAD-1005.** Four mailboxes allow callers to leave messages for specific people or departments. Each mailbox has a 2-digit security code for each user. Voice assisted, easy set-up. Voice time/day stamp, call monitor, memo recording, room monitor, toll saver. Voice-activated. Remote operation from any Touch-Tone phone. Memory backup uses 9V battery. Was 99.99 in '97 catalog. (TSP) **43-745** . . . . **New Low Price! 89.99**



**New Sprint all-digital answerer with four user mailboxes**

**SP-813.** Great for home or business. Multi-user voice mail for four different people or departments. Easy voice-assisted menu. Access answerer remotely from any Touch-Tone phone. Time/day stamp on each incoming call. Screen calls and record memos or 2-way conversations. Audible message alert with message counter. 24-minute record time. (TSP) **43-5813** . . . . . **89.99**



**Dual microcassette answerer**

**TAD-518.** Dual cassettes make it easy for you to quickly change outgoing messages and save incoming messages. Remote operation by Touch-Tone phone lets you retrieve messages, rewind and turn on answerer. You can even remotely monitor the room where answerer is located. Toll-saver feature saves on long-distance charges. Screen calls before you answer. Announce-only mode. **43-715** . . . . . **79.99**



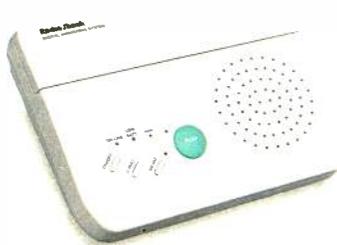
**New Sprint digital answerer with time/day stamp**

**SP-812.** Incoming and outgoing messages are recorded on a reliable digital chip—no tapes to break or replace! 12-minute record time. Time/day stamp on each incoming call. Call screen—hear who's calling before you answer. Remote operation from any Touch-Tone phone. Toll saver saves on long-distance charges. Memo recording. **43-5812**, **69.99**



**All-digital answerer with voice time/day stamp**

**TAD-1003.** Each call has a time/day voice announcement. Call monitor lets you hear who's calling before you answer. Voice-activated—so there are no long silences. Operate answer remotely from any Tone phone. Monitor room where answerer is located. Toll-saver feature saves on long-distance bill if you check your messages when away. 14 minutes recording. Memory backup uses 9V battery. **43-743** . . . . . **69.99**



**Fully digital answerer with voice-assisted operation**

**TAD-1009.** Easy-to-use answerer has audible voice to guide you through operation. Day/time stamp on each incoming call. Screen calls before you answer. 16-minute record time. Two-way conversation recording. Remote operation from any Touch-Tone phone. Memory back-up uses 9V battery. Was \$79.99 in '97 catalog. **43-781** . . . . . **New Low Price! 69.99**



Available Nov. 30, 1997

**New All-digital with full remote operation & call breakthrough**

**TAD-1024.** Access answerer from any Touch-Tone phone. Call breakthrough lets friends enter a special 3-digit code to alert you that they are trying to reach you. Call answerer to monitor room. Two outgoing messages. Voice-activated recording. Toll saver, memo, two-way recording. **43-784** . . . . . **59.99**



Available Nov. 30, 1997

**New All-digital answerer with voice activation**

**TAD-1027.** Records digitally so there are no tapes to break or replace! And it's voice-activated—no long silences. Use your 3-digit code to access your answerer from any Touch-Tone phone. Toll saver saves on long-distance charges. 14-minute record time. Screen calls and record memos. **43-787** . . . . . **59.99**



# Answerers & Accessories for Saving Messages

Our wide selection of answerers includes all-digital models, answerers with single or dual cassettes, compact microcassettes, phone/answerer combos and more. Plus, we have everything you need in tapes and cleaning accessories.



### Digital outgoing message

**TAD-516.** Slim and stylish and packed with features. Your outgoing message is recorded on a digital chip. Digital memory lets you store your messages for future use. Voice time/day stamp. Memo and two-way recording. Call screening lets you hear who's calling before you answer. Room monitor, voice-activated recording. **43-754 . . . . . 79.99**



### Single microcassette

**TAD-222.** Your outgoing message is recorded digitally, on an ultra-reliable chip. Handy remote operation lets you use most features from any Touch-Tone phone—turn answerer on/off, retrieve and erase messages and change outgoing message. Toll-saver helps save on long-distance charges. Voice-activated recording saves tape space. Call monitor lets you hear who is calling before you answer. Memo recording. **43-722 . . . . . 59.99**



### Full remote operation

**TAD-275.** Features digital outgoing message to ensure a clear recording of the message you leave for callers. Remote operation lets you turn the machine on or off, retrieve, save or erase messages from any Touch-Tone phone. Auto-reset stops recording and resets machine when you pick up the phone. Call screening, toll-saver. **43-761 . . . . . 59.99**



### New Voice-activated microcassette

**TAD-277.** Beeperless remote control access to answerer from any Touch-Tone phone using a 3-digit security code. Remotely turn on answerer, play messages, then save or erase them. Big buttons for play and save. Call screening—know who's calling before you answer. Memory saves messages if AC fails. Toll saver. **43-777 . . . . . 49.99**



### New Single microcassette answerer with call screening

**SP-811.** Hear incoming messages so you know who's calling before picking up. Time/day stamp on each incoming call. Easy, one-touch playback. Record your own personal memos. Operate answerer remotely from any Touch-Tone phone. Toll saver feature saves on long-distance charges. **43-5811 . . . . . 39.99**

## Message tapes



### Blank incoming and outgoing message tapes

Size	Type	Recording Time	Cat. No	Each
Cassette	Announcement, endless loop	15 seconds	43-403	4.99
Cassette	Announcement, endless loop	20 seconds	43-401	4.99
Cassette	Announcement, endless loop	30 seconds	43-402	4.99
Cassette	Announcement, endless loop	60 seconds	43-406	4.99
Cassette	Announcement, endless loop	3 minutes	43-407	4.99
Cassette	Announcement, leaderless	30 sec./side	43-435	2.99
Cassette	Announcement, leaderless	90 sec./side	43-436	2.99
Cassette	Announcement, leaderless	5 min./side	43-439	2.99
Cassette	Message, leaderless	30 min./side	43-410	2.39
Cassette	Message, leaderless	45 min./side	43-411	2.49
Micro	Announcement, message	15 min./side	43-412	3.59
Micro	Announcement	7½ min./side	43-409	3.49



**Brush cleaner/demagnetizer.** Our best! Gently cleans and demagnetizes standard cassette tape heads. **44-1202 . . . . . 9.99**



**Liquid deck cleaner.** Restores performance and helps prevent "tape-eating" by cleaning head, capstan and roller. Ideal for vehicle tape player **44-1116 . . . . . 4.99**



**Microcassette cleaner.** Includes cleaner, probe, mirror and solution **44-1168 . . . . . 5.99**



**Microcassette head cleaner.** Loads like an ordinary microcassette to gently clean the tape path and restore voice and clarity **44-1166 . . . . . 2.99**





**Multiple extension capability & Call Waiting**

**Caller ID System 440.** Allows you to see ID of a caller attempting to reach you through Call Waiting, even if multiple telephone extensions are in use at the same location. 3-line LCD display shows name, time/date, and caller's number. Stores 99 name and number call IDs. Call counter shows the number of calls you've received. Low-battery indicator. Includes AC adapter. Requires one "9V" battery for memory backup. (TSP) Was \$129.99 in '97 catalog.

**43-974 . . . New Low Price! 89.99**

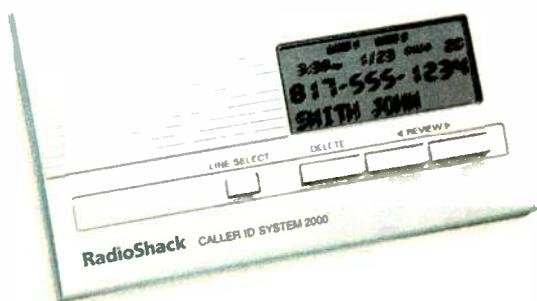
**Tired of Answering Annoying Calls?**

*... with a Caller ID system from RadioShack, you won't have to! We have a wide selection of Caller ID systems at great prices.*

*You'll find easy-to-use 2-line systems with large memories plus useful features like a Call Counter, VIP & Priority Call, Call Waiting ID and Automatic Redial. Our Caller ID System 400 (below) even plays two different recorded messages for bothersome callers.*

*NOTE: Caller ID and Call Waiting ID products require Calling Number Delivery Service from your phone company.*

*Service and products may not be available in all stores.*



**2-line Caller ID with 100 memories**

**Caller ID System 2000.** Great for a business or any location with more than one telephone line. Large 4-line LCD display shows caller's name, telephone number, and time and date of call. Trilingual display gives caller info in your choice of English, French, or Spanish. Requires one "9V" battery. Includes AC adapter. (TSP) Was \$129.99 in '97 catalog.

**43-972 . . . . . New Low Price! 99.99**



**Call Waiting ID and VIP caller alert**

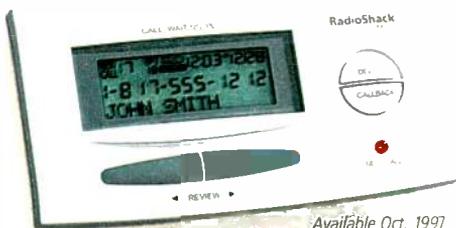
**Caller ID System 420.** Displays the name and number of callers trying to reach you on local Call Waiting. VIP caller alert sounds if caller is on your 20-number priority caller list. Stores 99 number-only or 51 name and number memories in one of 3 languages. Includes AC adapter. Requires 2 "AAA" batteries for memory backup. (TSP) Was \$99.99 in '97 catalog.

**43-971 . . . . . New Low Price! 79.99**



**Caller ID blocker**

Works automatically! You don't have to block each time you call, just plug in and forget! This small blocker reserves your privacy when making phone calls. Prevents your name and number from being revealed on Caller ID LCD screens. Will not block 800, 900 or 911 calls. Simple installation—plugs directly into your phone line. One wire in, one wire out. **43-925 . . . . . 29.99**

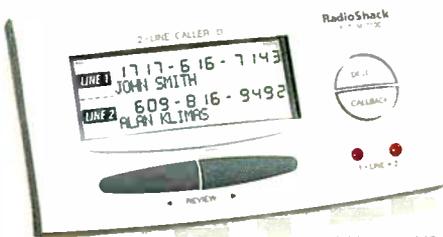


Available Oct. 1997

**New 99 memories, backlit, Call Waiting ID**

**Caller ID System 460.** Memory identifies 99 single (number only) or multiple data messages (name & number). Call Waiting ID features preferred call "Priority" memory with tone alert—so you'll never miss an important call. 3-line backlit display LCD. Call back and redial. Includes AC adapter. Requires 4 "AAA" batteries. (TSP)

**43-981 . . . . . 89.99**

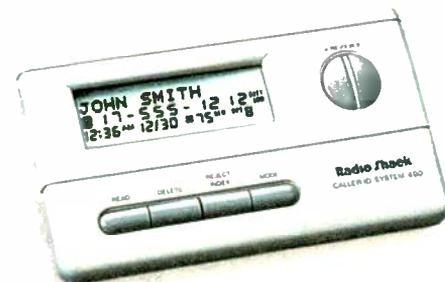


Available Oct. 1997

**New 2-line Caller ID with 64 memories**

**Caller ID System 2100.** Works with 2 phone lines! Screen displays numbers called to each separate line. Easy-to-use redial, delete/read, review-up, review-down keys make it simple to navigate through calls. Memory holds 64 single (number-only) or multiple (number & name) data messages. Redial with each call in memory. Requires 4 "AAA" batteries. (TSP)

**43-982 . . . . . 89.99**



**Messages for blocked and annoying calls**

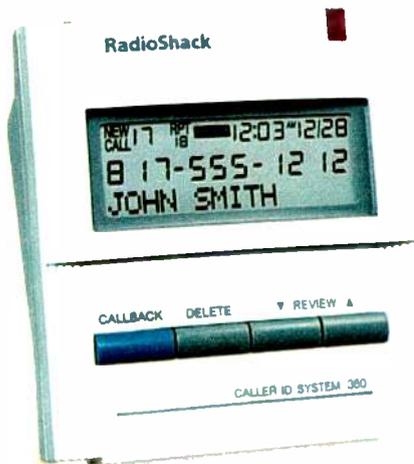
**Caller ID System 400.** Plays two different messages for blocked and annoying calls. Displays caller's name, number, and time of call. Stores 99 number or 51 name and number call IDs. With "message waiting", and "out of area" indicators. Requires 4 "AAA" batteries or AC adapter. #273-1455. (TSP) Was \$99.99 in '97 catalog.

**43-958 . . . . . New Low Price! 79.99**



# Never Miss an Important Call Again

Whether you're looking for a system for your home or for your business, you'll find we carry a large selection of Caller ID systems to help you manage calls from your kids or your customers. If you have any questions or concerns about Caller ID service, be sure to ask your RadioShack sales associate.



### New 64-caller memory with BIG Callback key

**Caller ID System 360.** Easy-to-read LCD display with 64 number-only or number & name memories. BIG function keys make it easy to review or delete callers. Callback button for immediate call backs. Shows time & date and has new-caller indicator. You program numbers into VIP memory. When a call is received from a VIP number, a special alert is sounded. Requires 4 "AAA" batteries. Mounting brackets included. (TSP) **43-980 . . . . . 49.99**



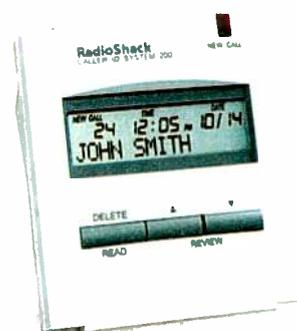
### Lighted "new" and "blocked" call alerts

**Caller ID System 240.** Gives the caller's name, number, and the time and date the call is received. Twin light alerts for "new call" and "blocked call". Stores up to 64 number-only and 25 name and number call IDs. With "out of area" and "private call" indicators. Includes wall mount brackets. Requires 4 "AAA" batteries. (TSP) **43-962 . . . . 49.99**



### 50-name and number memory

**Caller ID System 310.** Displays caller's name and number, and time the call was received. Screen also displays number of calls and if new calls have come in since the last time you checked it. Stores 99 number-only or 50 name and number call IDs. Scrolling up/down review and delete buttons. Built-in clock. Requires 4 "AAA" batteries. (TSP) **43-964 . . . . . 49.99**



### New Caller ID with 2-line display

**Caller ID System 200.** Memory stores 64 number-only or number & name messages. Large easy-to-read 2-line display. Big delete/read, review-up and review-down keys. LCD displays icons for new calls, total calls received, time, date and a battery indicator. LED new call indicator. LCD contrast control. Includes wall mount brackets. Requires 4 "AAA" batteries. (TSP) **43-985 . . . 39.99**

Cat. No.	Page Number	Display Lines	Memory Number	Name & Number	LED New Call	Total Call Count	Call Waiting Call ID	Special Features	Price
43-985	27	2	64	64	✓	✓		New-call LED	<b>39.99</b>
43-962	27	3	64	25	✓	✓		Twin lights for new and blocked calls	<b>49.99</b>
43-964	27	3	99	50	✓	✓		Memory for up to 50 names and numbers	<b>49.99</b>
43-980	27	3	64	64	✓	✓		VIP memory, callback	<b>49.99</b>
43-958	26	3	99	51				Blocked & annoying call voice message	<b>79.99</b>
43-971	26	3	99	51	✓	✓	✓	Call Waiting for local calls, 20 VIP numbers	<b>79.99</b>
43-974	26	3	99	99	✓	✓	✓	Multiple extension capability, Call Waiting	<b>89.99</b>
43-981	26	3	99	99	✓	✓	✓	Call Waiting	<b>89.99</b>
43-982	26	4	64	64	✓	✓		For 2 phone lines	<b>89.99</b>
43-972	26	4	100	100	✓	✓		For 2 phone lines	<b>99.99</b>
<b>Corded Phones with Caller ID</b>									
43-973	28	1	3	3				3 speed-dial memories	<b>59.99</b>
43-976	28	1	19	7	✓			3 speed-dial memories	<b>69.99</b>
43-8012	28	3	10	40	LCD		✓	Speakerphone	<b>89.99</b>
43-5901	12, 28	2	25	25		✓	✓	Memory for up to 25 names and numbers	<b>99.99</b>
43-5903	12, 28	3	32	64	LCD		✓	Speakerphone	<b>99.99</b>
43-5904	12, 28	3	32	64	LCD		✓	Speakerphone with voice mail waiting indicator	<b>119.99</b>
43-5902	12, 28	3	7	30	LCD	✓	✓	Speakerphone	<b>149.99</b>





### New Speakerphone with Caller ID and Call Waiting ID\*

**Sprint Maestro 3500CW.** When used with your phone company's Call Waiting ID service, it displays the name and number of an incoming call and a waiting call. Store information on last 30 calls. Talk hands-free on speakerphone. Speed dial numbers stored in memory. Labeled keys for easy use of custom calling features available through your phone company. Preferred name match—incoming name and number is compared to stored names, and if a match is made, the name is displayed as you stored it. Easy-to-use menu-driven display. Backlit display is visible in the dark. **43-5902 . . . . . 149.99**



**Annoying Call List.** Allows you to store numbers of annoying callers and rejects them with pre-recorded message.

**Call Blocking.** Rejects calls from numbers that are attempting to block their call to you.

**Caller ID.** Identifies and displays the name and/or number of the caller.

**Call Logging.** A record of calls is stored in memory. Detailed information shows the origin of calls.

**Call Waiting ID.** If you have Caller ID, Call Waiting and Call Waiting ID service, system will display incoming Call ID, even if you're talking to someone else.

**Custom Calling Programmable.** Program keys for fast, one-button access to many custom-calling features offered through your phone company.

**Distinctive Ring.** You can program important callers from your Caller ID information and receive a distinctive ring when someone on the list calls you.

**Multi-Language Display.** Choose from more than one language to display information.

**Preferred Name Match.** Incoming name and number is compared to names stored. If a match is made, the name is displayed as you stored it.

**Speakerphone.** Allows hands-free talking.

**Voice Mail Waiting Indicator (VMWI).** Alerts you to awaiting phone service messaging.



### New Caller ID and Call Waiting ID\* Speakerphone with VMWI

**Sprint SP-903.** 64-name/number Call ID memory. Hands-free display speakerphone speed dials 32 numbers. Voice Mail Waiting Indicator alerts you to new messages. Hold, redial, flash. Hands-free mute. Display Dial calls number displayed on Call ID. Advanced Call ID: priority call marking, personalized name marking, rejected call marking and multi-extension capability. Custom-calling programmable. (TSP) **43-5903 . . . . . 99.99**

### New Caller ID\* with phone shows both current and waiting calls

**Sprint Maestro 1500CW.** When used with phone company's Call Waiting ID service, it displays the name and number of an incoming call and a waiting call. Menu-driven display. Log 25 calls. Program 1-button access to custom call features available through phone company. Shows preferred name of an incoming call name, if stored in memory. **43-5901 . . . . . 99.99**

### Caller ID\* with Local CallBack



Multifunction display shows either caller's name or phone number, or the reason for the absence of one of these messages, such as "out of area". Local CallBack auto-dials the last seven digits of a local number. Three memories. Uses 4 "AA"

batteries or AC adapter 273-1455. Was 69.99 in '97 catalog. (TSP) **43-973 . . . . . New Low Price! 59.99**



### New Caller ID & Call Waiting ID\* with VMWI and Telco features

**Sprint SP-904.** 64 name-and-number Caller ID. 32-number memory. Hold, redial, flash. Hands-free mute button. Preprogrammed custom calling for one-button access to services offered through your phone company like call block, distinctive ring, call forwarding, 3-way calling, call waiting & cancel, plus callback. (TSP) **43-5904 . . . . . 119.99**



SONY

### New SONY speakerphone with Caller ID and Call Waiting ID\*

**Sony IT-ID80.** Shows both current and waiting calls. Keeps a record of last 40 calls. Memory match ringing—selects a distinctive ring for designated numbers you've stored in memory. Easy-to-read 3-line LCD display. Talk hands-free on speakerphone. 10-number speed dialing and last-number redial. Wall mountable. (TSP) **43-8012 . . . . . 89.99**



### Caller ID\* with 19 memories and redial

Know who's calling! Display shows name, number, and time of incoming call. Stores 19 incoming numbers or 7 name and numbers. Redials any call in memory at the touch of a button. Phone has 3 memories. Hi/lo/off ringer.

Add 4 "AA" batts. With AC adapter. Was 79.99 in '97 catalog. (TSP) **43-976 . . . . . New Low Price! 69.99**

## TELEPHONE ACCESSORIES

See Index for these listings:

- Answerers • Plugs • Jacks • Cords
- Telephone Headsets, Ringers, Flashers • Dialers • Amplifiers

\*Caller ID and Call Waiting ID products require Calling Number Delivery Service from your phone company. Service and products may not be available in all stores.





**Thermal fax with display**  
 (1) TFX-1031. LCD display with clock, time/date stamp on transmissions, journal report, message confirmation, auto contrast, and voice request. Phone with 25 memories and redial. Was 299.99 in '97 catalog. (TSP) 43-1203 . . . . . **New Low Price! 249.99**



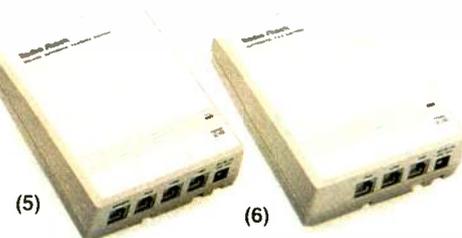
**Phone/fax with auto cutter**  
 (2) TFX-1032. 10-page automatic feeder. Anti-curl reception for flat, curl-free faxes. Big 100-ft. paper capacity. Phone with 28 memories. On-hook dialing, redial and hold with music. Was 379.99 in '97 catalog. (TSP) 43-1204 . . . . . **New Low Price! 349.99**



**Fax/modem mate**  
 (3) MM-1000. Hooks up between handset and phone for convenient fax or modem use almost anywhere. Record conversations—just add a tape recorder. Use with phones having a detachable handset cord. Add 2 9V batteries. (TSP) 43-1242 . . . **49.99**



**New Versatile fax/prINTER stand**  
 (4) Adjusts width from 15" - 19" to fit your machine. Handles up to 60 lbs. Storage with shelves and space for two reams of paper. Cable take-up spool attached to rear. Simple assembly. 26-398 . . . . . **19.99**



**Automatic fax/data switch**  
 (5) AFX-300. No need for an extra line. Three ports for phone, fax and modem. Fax password protection. Compatible with phone company's "distinctive ringing" services. Battery backup. (TSP) 43-1245 . . **79.99**

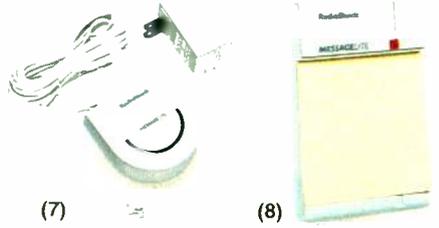
**Automatic fax switch**  
 (6) AFX-250. Keep your single line and let this switch route calls to another device—phone, fax or answerer. (TSP) 43-1244 . . . . . **59.99**



**New Message Lite**  
 (7) Flashes bright red light when you receive new voice mail in your phone company voice mail box. Visible up to 50 feet away. (TSP) 43-162 . . . . . **34.99**

**New DC-powered Message Lite**  
 (8) Light flashes when you receive new voice mail. Operates on batteries—works anywhere in your home. Area for post-it memos. (TSP) 43-163 . . **34.99**

**New Phone cassette recorder**  
 (9) TRC-200 Adapter plugs into handset to tape conversations. Continuous or voice-activated recording. Cue/review, 1/8" earphone jack. Add 4 "AA" batteries or AC adapter 273-1662. (TSP) 43-473, **99.99**



**(10) Thermal fax paper**  
 White, big 8 1/2" x 164-ft. roll. 43-1265 . . . . . **8.99**  
 White, 8 1/2" x 98-ft. roll. 43-1260 . . . . . **5.99**  
 White, 8 1/2" x 49-ft. rolls. 43-1264 . . . . . **2/7.99**



*Fax machine and accessories not included*

## Telephone accessories



**Hands-free headset.** Adjustable band, flexible boom mic and lapel clip. Volume control and mute. NOTE: not compatible with phones that have keypad in handset. Add 4 "AA" batteries. (TSP) 43-192, **59.99**



**New Headset phone.** Super lightweight. Swinging boom microphone over top of headset. Quick disconnect. Redial, flash and hold buttons. Ringer switch, volume control. Hearing aid compatible. (TSP) 43-891 . . . . . **39.99**



**Over-ear headset.** Plugs into modular handset cord to replace your phone handset. NOTE: not for phones with keypad in handset. (TSP) 43-182 . . . . . **69.99**



**Two-line converter.** Adds two-line capability to single line phone. Alerts you to calls on one line when you're on other. Music on hold. (TSP) 43-434 . . . **29.99**



**Two-line switch.** Use a single-line fax or answerer on two lines. Auto line select. First ringing line has priority. Optional PBX setting. (TSP) 43-1383 . . . . . **24.99**



**Multi-extension recording control.** Starts your recorder when any phone is picked up. Works on 3/6V recorders. (TSP) 43-1236 . . . . . **24.99**

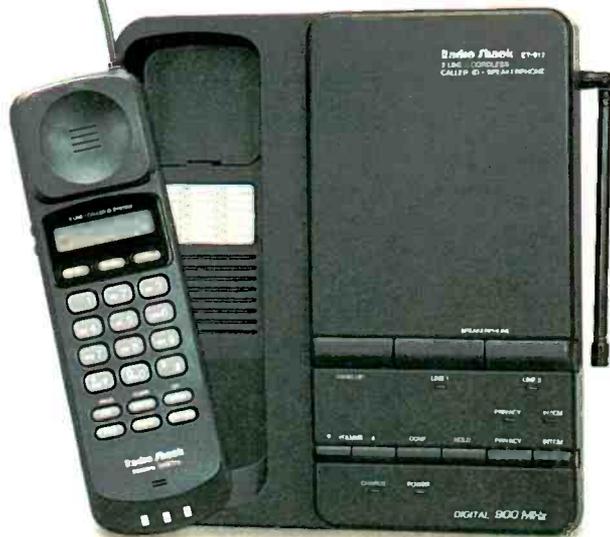


**New Voice-activated phone recorder control.** Connects to almost any recorder with a mic jack. Starts recorder upon hearing speech. 4 "AA" batts. (TSP) 43-1263 . . . **34.99**



# Hold the Lines! Or Redial, Flash, Etc.

Our multiline phones have all the features and quality you've come to expect from RadioShack. Choose a 2 or 4 line, corded or cordless. We have the phone for you.



## New 900MHz digital 2-line speakerphone with Caller ID\*

**ET-912.** 2 lines—great for business or home! 900MHz digital operation for dramatically increased range and sound quality. 32-memory Caller ID system with convenient handset display lets you know the number of callers. Auto-select chooses the clearest of 10 channels for clear sound. 20-number speed-dialing memory. Four different ringer sounds to choose from. Speakerphone. 2-way base-to-handset page. (TSP) 43-692 ..... **279.99**



## New 2-line Caller ID\* speakerphone with Call Waiting ID shows current & waiting calls

**Sprint 9417CW.** Modem and fax can share second line. Fax switch routes faxes to fax machine. Pages to extension phones of same type or to an external speaker. Speakerphone, Caller ID. Superflash—see Call Waiting ID on any in-use extension phones of the same kind. Caller list, 100 name and number memory, dial restrictions, predial and call timer. 43-5704 ..... **199.99**



## New 2-line speakerphone with adjustable volume control

**Sprint SP702.** Speakerphone lets you make calls without lifting the handset—great if you need your hands free. Ideal for conference calls at the office or use at home so everyone can talk at once. Stores 32 numbers for one-touch dialing of the people you call most. Parallel line lets you see if an extension phone is in use. Adjustable sound and ringer. Features redial, mute and flash buttons. Hold button with LED indicator for each line. (TSP) 43-5702 ..... **79.99**



## 4-line business phone

**System 411.** Economy-minded 4-line business phone is expandable to twelve stations and has full Centrex/PABX compatibility so it can grow as your business grows. Line-usage LEDs show you which lines are busy. Includes a built-in two-way intercom system with paging speaker—no need to run extra wiring. Do Not Disturb button for privacy. Four separate line-ringer controls. Desk or wall mountable. Requires 9V battery. *Not compatible with 43-461.* (TSP) 43-456 ..... **Per Phone 129.99**



## 4-line phone with LCD and intercom system

**System 612.** Perfect for business conferences within your department—expands to twelve stations. Four-line capacity. Line lock prevents other stations from listening in on private conversation. 3-way conferencing, speakerphone for convenient hands-free operation. LCD display shows clock, calendar, timer, station, phone number, and low battery. Requires 3 "AAA" batteries for memory backup. *Not compatible with 43-456.* (TSP) 43-461 . . . . **Per Phone 199.99**  
**Caller ID Server.** Works for up to 12 phones. **RSU 11666195** ..... **199.99**

\* Caller ID and Call Waiting ID products require Calling Number Delivery Service from your phone company. Service and products not available in all stores.





**25-channel, 2-line, dual-keypad cordless & speakerphone**

**ET-598.** Perfect for in-home business! Speakerphone leaves your hands free during conference calls. Two-way intercom allows communication between base and handset. 25-channel cordless gives you clear call quality. Speed-dialing memory holds up to 20 numbers. LED indicators for major functions, including conference and hold. Each line has a distinctive ring. (TSP) **43-698** ..... **139.99**

**2-line cordless with conference call and auto-talk**

**ET-596.** Conference call function lets you have a 3-way conversation with two different numbers. With auto-talk, you don't have to push a button when you lift handset from cradle—it's ready to operate. CCT noise reduction and 25 channels for clear connection every time! 65,563 digital security codes help keep conversations private. Memory holds 10 numbers. Battery-saving circuitry. (TSP) **43-696** ..... **119.99**



# Convenient Two-Line Quality

You'll find what you need in a phone at RadioShack—your telephone store! Whether it's business or fun, we know you depend on your phone for daily communication. Our two-line phones are designed to give you the best sound and value for your home or office.



**Multi-line Convenience.** For busy families, small businesses or anyone needing a second line for use with the Internet or a fax machine.

**System Phones.** Phones that work together to create a system with interconnecting features such as intercom and line status indication.

**Line Status.** Indicates if another extension is in use so you do not interrupt the conversation or disconnect the call.

**Line Lock.** Prevents other stations within the same phone system from listening to private conversations.

**Conference Calling.** Lets you conduct 3-way conversations with two additional parties.

**Intercom.** Lets you to talk to an extension phone from a system phone, or hold a 2-way conversation between the base unit and handset of a cordless phone.

**Speakerphone.** Allows hands-free conversation.



**2-line speed-dialer**

**ET-146.** Two lines and speed-dialing convenience for 20 numbers, including four one-touch priority numbers. With one-touch last-number redial, hold, and flash for use with Call Waiting and other phone services. Each line has a distinctive ring to let you know which line to answer. Ring and hold indicator lights. Hearing-aid compatible. Desk or wall. (TSP) **43-642** ..... **69.99**



**Lighted keypad 2-line**

**ET-293 Trim-Fone®.** This compact two-line phone's large buttons are lit for easy dialing in low-light or no-light surroundings. The handset has built-in amplifier with rotary volume control right where you need it. Plus conference call feature, hold button, and separate hold and ring indicator lights. Last-number redial. Desk or wall. (TSP) **43-622** ..... **59.99**



**Traditional 2-line**

**ET-181.** This standard black desk phone has two-line capability. Features status indicator lights to tell you which line is ringing or on hold. Each line has a specific ring tone. Oversized buttons for fast, easy dialing. Hi/lo/off ringer control for each line. Last-number redial. Hearing-aid compatible. (TSP) **43-470** ..... **49.99**





(1)

### Customize the sound to your hearing needs

(1) **ET-145.** Four equalizer controls let you adjust from high to low tones to suit your hearing. When others use the phone, an on/off button makes it easy to cancel the equalizer mode. (TSP) 43-598 ..... 79.99

### Big-button phone with amplified handset, extra loud ringer

(2) **ET-209.** Jumbo buttons and large numerals are easy to use. Handset is amplified so you'll be able to adjust conversations as you like. Three auto-dial buttons can be programmed for emergency numbers. Flashing neon ring indicator. (TSP) 43-808 ..... 49.99

### Amplified handset 13-number speed-dial memory

(3) **ET-206.** We've combined the convenience of one-touch priority dialing of three numbers with 10-number memory and an amplified handset with adjustable volume. Last-number redial and hold with LED indicator. Desk or wall. (TSP) 43-804 ..... 49.99

### Amplified handset phone

(4) **ET-207.** Set the sound level to suit you—it's ideal for noisy places or for people with hearing difficulty. Last-number redial, ringer hi/lo/off. Desk or wall. (TSP) 43-806 ..... 44.99

### Boldly styled big-button phone

(5) **ET-205.** Features flash button, one-touch last-number redial and hold button. LED hold indicator, ringer hi/lo control. Desk or wall. (TSP) 43-802 ..... 39.99

### New Stylish big-button phone

(6) **ET-210.** Fun big-button key pad! Handset volume control. Last-number redial. Flash, mute buttons. Hearing aid compatible. (TSP) 43-872 ..... 39.99

### Sleek big-button phone

(7) **ET-208.** Big-button phone has a fun look with colorful accents. Call Waiting and 3-Way Calling services. LED hold indicator, ringer on/off control. Desk or wall. (TSP) 43-807 ..... 34.99



(2)



(4)



(3)



(5)



(6)



(7)

Available  
Sept. 30, 1997

### New Amplified phone ringer

Plugs into phone jack. Volume, tone, pitch controls. Requires 4 "AA" batteries or adapter: AC #273-1662.

43-181 ..... 21.99

### Outdoor bell

Put this weather-resistant bell on the porch, patio or garage so you can still catch calls while working or relaxing outside.

43-174 ..... 29.99

### Extra-loud bell

Plugs easily into a modular phone jack. Built-in volume control lets you adjust the bell's loudness.

43-173 ..... 19.99

### Remote bell

Replaces a phone's built-in electronic ringer with clear bell sound. As a remote, it alerts you to calls when you're not near a phone.

43-175 ..... 14.99

### Fone Flasher 2

Bright strobe light flashes and built-in ringer sounds when your phone rings. Plugs into modular phone jack. UL listed AC.

43-178 ..... 29.99

### Fone Flasher

Plugs in to flash a lamp on and off when the phone rings. For incandescent lamps up to 300W. Easy hook up. UL listed AC.

43-177 ..... 14.99

### Snap-on amplifier

Snap onto phone handset to boost incoming sound. Compact to carry with you everywhere. Requires "N" battery.

43-229 ..... 10.99

### Handset amplifier

Fits all phones with modular handset cords. Boosts incoming sound. Built-in volume control. Requires 9V battery.

43-237 ..... 19.99

### Mini Fone Flasher

Ideal for offices with many phones. Ends confusion—a light flashes to show which phone is ringing. Phone-line powered.

43-179 ..... 8.99

#### PHONE ACCESSORIES

See Index for these listings:

Adapters • Connectors • Cords • Jacks • Plugs • Wiring

Prices apply at participating RadioShack stores and dealers. Not all items in all stores—ask about our ordering service (items subject to availability)



## Walker Clarity

### Perfect for those with high-frequency hearing loss

**W-1000.** Phone helps by making words clearer, not just louder. A unique clarity control slide-bar customizes the frequency so you hear the sounds in a phone conversation that you couldn't hear before. Braille dot, extra-large keys and 13 speed-dial memories—three with emergency number icons. Visual ringer light with low-frequency ringer. Hearing aid compatible. Desk/wall mountable.

**RSU 11652799** ..... 99.99

### New Our best text viewing phone with printer and remote message retrieval

**MP-2000D.** Easy-to-use help menu walks you through setup and operation. 26-number auto-dial directory makes dialing simple. Interrupt key lets you suspend caller's message to notify them of an emergency. Fast type capability allows you to type 100 words per minute instead of the usual 45-50 wpm! Auto-answer and remote message retrieval. Built-in printer. 20-character display. Weighs only 5.75 lbs. 5-cell Ni-Cd rechargeable battery and AC charger/adaptor included.

**RSU 10454551** ..... 499.99



# Phones for Your Special Needs

Inside RadioShack Unlimited, our large in-store catalog, you'll find a large selection of Clarity™ and text telephones that fit your individual communication needs. All are available for delivery direct to your door.



## Walker Clarity

### Listen clearer, not just louder

**W-900.** Slide-bar clarity control increases high-frequency sounds—not by just amplifying the sounds, but actually making the higher frequencies clearer. Visual ringer light, low-frequency ringer and 13

memories with three emergency symbol buttons. Jumbo keys. Hearing aid compatible, desk/wall mountable. Braille dot on the number five key helps you keep your bearings. **RSU 11652807** ..... 59.99



Handset not included with text telephones



### Text viewing phone

**PV-20.** Phone is perfect for viewing "real-time" text during a phone call. Type your message into text, which appears on a large 20-character, blue-green fluorescent display that makes it easy for you to read. Also, reads incoming text transmitted by your caller. 43-key, 4-row keyboard makes it quick and simple to type in your return response. Acoustic couplers fit comfortably around either square or round handsets. Weighs only 3 pounds. 10x10x2 1/2". 5-cell Ni-Cd battery and AC adapter/charger included.

**RSU 10454536** ..... 239.99



### Text-phone with printer

**PP-2000D.** Phone has built-in printer. 20-character display. Keyboard dialing, call progress on screen. Dual modular jacks, auto-answer, call alert. 5-cell Ni-Cd battery and AC adapter/charger included. **RSU 10454544** ..... 399.99

**Replacement 5-cell Ni-Cd battery.** For text phones shown here. **RSU 11611043** ..... 17.99

### Printer paper

12 rolls of printing paper for text phones. **RSU 10454684** ..... 16.99

### New Telephone case

Carrying case for your text-viewing phone. **RSU 10454569** ..... 24.99



### Portable sound clarifier/amplifier

**CE-100.** While you're away or traveling, it's the perfect aid in assisting with sound clarity on standard phones.

**RSU 11652781** ..... 29.99



### Portable volume amplifier

Bring it with you when you travel. This little unit provides telephone volume amplification. Simply plug it into the phone line. Requires 9V battery.

**RSU 11436565** ..... 29.99



### New RingMax

No more ring confusion! Use to select your own individual ring. Choose from 16 distinctive ring tones.

When you hear your selected tone, you know the call is for you—no more important calls lost. 95dB max output. Easy installation. Batteries included.

**RSU 11611050** ..... 54.99





**200-memory speakerphone with alphanumeric display**

**ET-210.** No more looking up phone numbers—dial any of up to 197 stored numbers by simply entering the first few letters of a person's name. Scrolling display shows current time, call length and name and number called. Three instant-dial buttons and alphabet keypad for easy programming. Requires 2 "AA" batteries. (TSP) **43-623 . . . . . 99.99**



**Speakerphone with call timer and 90-number memory**

**ET-189.** 10-digit LCD screen displays the number dialed, current time and duration of call. Features auto-redial, 30-number instant-dial direct memory plus memory for up to 60 other numbers. Handy name and number directory. Requires 2 "AA" batteries. (TSP) **43-619 . . . . . 79.99**



**New 32-memory speakerphone with 2-line LCD display**

**Sprint SP-602.** Speed-dials 32 telephone numbers. Display shows the current time and number dialed. Call timer helps keep track of long distance. Speakerphone with volume control. Hold, flash, mute buttons. Requires 4 "AA" batteries. (TSP) **43-5602 . . . . . 79.99**



**New 9-memory speakerphone with message indicator**

**Sprint SP-601.** 9-number speed-dialing speakerphone with name and number directory. Flashing LED indicates voice-mail messages have been received. Last-number redial for dialing busy numbers and hold, flash and pause buttons. Requires 4 "AA" batteries. (TSP) **43-5601 . . . . . 69.99**



**Speakerphone with convenient name and number directory**

**ET-148.** Dials any of 20 phone numbers at the touch of a button. Privacy button lets you make discreet "aside" comments during calls. One-touch last-number redial. Pause, flash. Requires 2 "AAA" batteries or AC adapter #273-1454. (TSP) **Ivory, 43-612. New Black, 43-637 . . . . . 69.99**



Avail. Nov. 30, 1997

**New Big-button speakerphone with 3 one-touch memories**

**ET-136.** Just press a button to dial any of 3 numbers in memory. Speakerphone with last-number redial. Handset and speaker volume controls let you adjust loudness of incoming calls. Ringer hi/lo/off switch, tone/pulse dialing. Desk or wall. Hearing-aid compatible. (TSP) **43-636 . . . . . 49.99**



**20-number memory compact**

**ET-144.** 20-number memory, including three one-touch priority numbers. One-touch last-number redial for recalling busy numbers. Flash, hold button. Ringer hi/lo/off switch. Desk or wall. (TSP) **43-597 . . . . . 39.99**



**Tough, standard wall mount**

**ET-195.** A classic! Designed for the wall—this phone's cradle holds handset securely so it's easy to hang up. Features last-number redial, tone/pulse switch and volume control for its single-gong bell. (TSP) **White, 43-842. Almond, 43-841 . . . 49.99**



**Attractive, popular slim-phone**

**ET-177.** Flash button for use with phone company services like Call Waiting and 3-Way calling. Last-number redial, mute button for privacy. Hi/lo/off ringer control. Desk or wall. (TSP) **43-583 . . . . . 29.99**



# Phones With Style and Convenience

At RadioShack, we offer a wide selection of feature-packed phones for the desktop or wall mounting. You'll find a model to suit most any style or decor! Plus, these prices are so reasonable, you can choose one for every room in the house



(1)

### 20-number speed dialing

(1) ET-283. Memory stores up to 20 numbers for time-saving speed-dialing. Features lighted keypad, last-number redial, flash button. Hearing aid compatible. (TSP)

White, 43-588. Almond, 43-589. Hunter Green, 43-887. Black, 43-888 . . . . . 29.99



(4)

### Lighted keypad trim phone

(2) ET-290. This popular model has a lighted keypad, one-touch last-number redial, ringer on/off switch. Desk or wall. (TSP) White, 43-585. Almond, 43-586. Gray, 43-587. . . . . 24.99



(2)

### Oversized-button trim phone

(3) ET-273. Buttons are a bit bigger for easier dialing. Last number redial, flash button, ringer on/off. Desk or wall. (TSP)

White, 43-591. Almond, 43-592. Black, 43-593. Blue-gray, 43-599 . . . . . 19.99



(5)

### Big-button slim phone

(4) ET-303. We put big buttons and popular features into this little phone. One-touch last-number redial, mute button for privacy, handset hang-up button. Ringer hi/lo/off. Desk or wall. (TSP) White, 43-908. Almond, 43-909. Blue-gray, 43-910. . . . . 15.99



(3)

### Amplified handset trim phone

(5) ET-501. Handset amplifier has adjustable volume control. Features a lighted keypad and last-number redial. Ringer on/off. Desk or wall. (TSP)

Black, 43-813. White, 43-814. Almond, 43-805. . . . . 39.99

### Desktop with hold

(6) ET-182. This sturdy desktop telephone comes with last-number redial, hold button and ringer hi/lo/off switch. Tone or pulse dialing selector. (TSP) Almond, 43-472. White, 43-474. Black, 43-475. . . . . 39.99



(6)





(1)

**Dial-Talk™ talking phone**

(1) Says the numbers out loud as you dial. Ideal aid for people who are vision impaired. Helps small children dial in an emergency. Features a flash button and last-number redial. Talking on/off and ringer on/off. Requires 2 "AA" batteries. Was \$39.99 in '97 catalog. (TSP) 43-838 . . . . . **New Low Price! 24.99**

**Utopia™ phone**

(2) This trim phone features a bold look, cushioned-grip handset, flash button for use with Call Waiting and 3-Way Calling, mute and one-touch redial of last number called. Ringer on/off. (TSP) **Black, 43-833. White, 43-837 . . . . . 29.99**



(2)

**Worthington phone**

(3) Black finish with bright green numbers under clear acrylic buttons. Features flash button for use with special services, mute, last-number redial, and hold button with LED indicator. Ringer hi/lo/off. (TSP) **43-844 . . . . . 34.99**



(3)

**Seashell™ decorator phone**

(4) A distinctive alternative to the "usual" phone. Compact fold-up design takes up less space on counter or desk than a paperback book. Kids especially love it. Has a mute button and one-touch redial of last number called. (TSP) **43-830 . . . . . 24.99**



(4)

**Heritage Hill phone**

(5) Classic looks and the latest features: last-number redial button, privacy button and flash button for use with special services like Call Waiting. Ringer on/off. (TSP) **43-848 . . . . . 49.99**



(5)

**Apollo flip-style phone**

(6) This compact, one-piece flip-phone really saves space on your desk or counter top. Features redial of last number called and flash button for use with special services like Call Waiting and 3-Way Calling. Ringer hi/lo/off control. **White, 43-857. NEW! Black, 43-868. NEW! Hunter Green, 43-869 . . . . . 19.99**



(6)

**New Amplified handset phone**

(7) A compact desk phone with distinctive modern styling. Volume control lets all users adjust to their own comfort level. Ringer volume control is also adjustable. Features 9-number memory for storing emergency numbers or numbers you call often. Redial button. Flash button for use with special services like Call Waiting. (TSP) **Gray, 43-5201. Graphite, 43-5202. Spruce, 43-5203 . . . . . 29.99**



(7)



# Phones with Lots of Style

No matter what your decor or tastes, you'll find a phone at RadioShack with the look you're looking for.



**New Phone with neon flasher**

Neon light flashes when phone rings. Features last-number redial, flash button. Handset volume control and ringer on/off switch. (TSP)

White, 43-863. Black, 43-865. Green, 43-866. Burgundy, 43-867 . . . . . 29.99



**New Krystalite™ neon phone**

Attractive phone with blue neon that flashes when the phone rings. Neon has hi/lo/off settings. Features one-touch redial of last number called. Flash for use with Call Waiting. Hold button. (TSP)

43-811 . . . . . 39.99

**Clear trim phone**

See the quality. A compact phone with colorful components. It's a unique conversation piece. Features mute, last-number redial and flash button. For desk or wall. Ringer on/off. (TSP)

43-858 . . . . . 24.99

**Midnight II™ phone**

Dramatic black design. Three one-touch dialing memories plus speed-dialing of 10 additional numbers. Hold with LED, one-touch redial, flash and mute button. Ringer hi/lo/off.

43-829 . . . . . 39.99



**Golden oak payphone**

Beautiful antique-style payphone will add charm to a kitchen or den. Hand-crafted wood cabinet mounts on wall. Decorative coin box. Tone/pulse switch. (TSP)

RSU 11658127 . . . . . 79.99

**Bumper car phone**

A big hit with adults and children alike—looks like an old-fashioned bumper car! Features last-number redial, flash and ringer on/off switch. (TSP)

Turquoise/Pink. RSU 11519170 . . . . . 24.99

**Contempra II™ phone**

One-piece vertical design saves space on your desk or nightstand. has one-touch last-number redial, flash button and mute button. Lighted keypad is easy to dial in the dark. Ringer on/off. (TSP)

43-827 . . . . . 29.99



**Coiled handset cords for modular phones**

**25-foot standard cords**

- Blue-gray. 279-314 ..... 5.99
- White. 279-301 ..... 5.99
- Almond. 279-302 ..... 5.99
- Gray. 279-300 ..... 5.99
- Black. 279-305 ..... 5.99
- Ivory. 279-316 ..... 5.99
- Hunter green. 279-317 ..... 5.99
- New** Dove Gray. 279-322 ..... 5.99
- New** Burgundy. 279-324 ..... 5.99
- New** Clear. 279-327 ..... 5.99
- New** Slate Blue. 279-329 ..... 5.99

**12-foot standard cords**

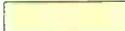
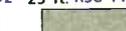
- Blue-gray. 279-313 ..... 4.99
- White. 279-306 ..... 4.99
- Almond. 279-307 ..... 4.99
- Gray. 279-311 ..... 4.99
- Black. 279-312 ..... 4.99
- Ivory. 279-315 ..... 4.99
- New** Hunter Green. 279-318 ..... 4.99
- New** Dove Gray. 279-321 ..... 4.99
- New** Burgundy. 279-323 ..... 4.99
- New** Clear. 279-326 ..... 4.99
- New** Slate Blue. 279-328 ..... 4.99

**25-foot heavy-duty cords**

- Blue-gray. 279-296 ..... 7.99
- White. 279-290 ..... 7.99
- Almond. 279-291 ..... 7.99
- Gray. 279-294 ..... 7.99
- Black. 279-295 ..... 7.99
- Ivory. 279-289 ..... 7.99
- New** Hunter Green. 279-287 ..... 7.99
- Dove Gray. 279-288 ..... 7.99
- New** Burgundy. 279-285 ..... 7.99
- New** Clear. 279-284 ..... 7.99
- New** Slate Blue. 279-286 ..... 7.99

**Handset Cords—12-ft. \$4.99/25-ft. \$5.99**

Available for fast shipment direct to your door through RadioShack Unlimited!

 Beige 12-ft. RSU 11908647 25-ft. RSU 11908803	 Brown 12-ft. RSU 11908654 25-ft. RSU 11908811	 Cherry Red 12-ft. RSU 11908662 25-ft. RSU 11908829	 Orange 12-ft. RSU 11908670 25-ft. RSU 11908837
 Dark Green 12-ft. RSU 11908688 25-ft. RSU 11908845	 Ash 12-ft. RSU 11908696 25-ft. RSU 11908852	 Sonic 12-ft. RSU 11908704 25-ft. RSU 11908860	 Charcoal 12-ft. RSU 11908712 25-ft. RSU 11908878
 Rose 12-ft. RSU 11908720 25-ft. RSU 11908886	 Gold 12-ft. RSU 11908738 25-ft. RSU 11908894	 Light Blue 12-ft. RSU 11908746 25-ft. RSU 11909892	 Teal Blue 12-ft. RSU 11908753 25-ft. RSU 11908902
 Teaberry 12-ft. RSU 11908761 25-ft. RSU 11908910	 Dark Red 12-ft. RSU 11908779 25-ft. RSU 11908928	 Lime Green 12-ft. RSU 11908787 25-ft. RSU 11908936	 Shadow Blue 12-ft. RSU 11908795 25-ft. RSU 11908944

-  4-wire modular plug kit. Type RJ11/14. Use with 279-388 crimping tool. 279-384 ..... Pkg. of 10/2.99
-  6-wire modular plug kit. Type RJ11/14. 279-421 ..... Pkg. of 10/3.99

 **Quick connect handset plug.** Fits smaller phone handset or handset outlet on phone. 279-298 ..... 4.99

 **Installing Telephones.** Simple illustrated instructions and troubleshooting tips for easy installation. 62-1060 ..... 4.99

**Wiring tools and phone cable**

Fig.	Description	Cat. No.	Price
1	Crimping tool - 4 conductor	279-388	9.99
2	NEW Professional-grade crimping tool —4, 6, 8 conductor	279-405	29.99
3	Phone connector crimping tool	64-410	7.99
4	Insulation-piercing spade lugs	64-3070	24/1.49
5	50-ft. 4-wire cable	278-872	6.59
5	100-ft. 4-wire cable	278-873	12.99
6	4-wire bulk cable beige	278-1310	.15/ft.
6	4-wire bulk cable white	278-1309	.15/ft.
7	50-ft. 4-wire modular cable	278-365	6.99
7	100-ft. 4-wire modular cable	278-366	13.99
8	100-ft. outdoor 4-wire cable	278-385	14.99
8	250-ft. outdoor 4-wire cable	278-386	35.99
9	100-ft. 6-wire cable	278-874	14.99
10	100-ft. 8 conductor round cable	278-876	19.99
11	100-ft. 8 conductor stranded cable	278-380	19.99
12	Weather-sealed splice connectors	64-3080	4/2.19
13	Weather-sealed tap connectors	64-3081	4/2.19
14	Insulated butt connectors	64-3073	24/1.49
15	Telephone wire holders	278-1667	9/1.49



(16) Ends tangled cords! Swivel connector prevents knotting of cord. Plugs into phone with detachable modular cord. **Almond. 279-299, White. 279-333, Black. 279-332. .... 5.49**

(17) Modular plug at one end and two standard modular jacks (RJ11/14) at the other end.

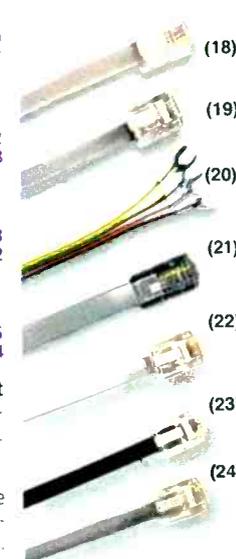
12-foot. 279-373 ..... 5.99

25-foot. 279-363 ..... 6.99

Dual handset adapter. Allows you to connect two handsets or headsets to the same phone 279-425 ..... 6.99

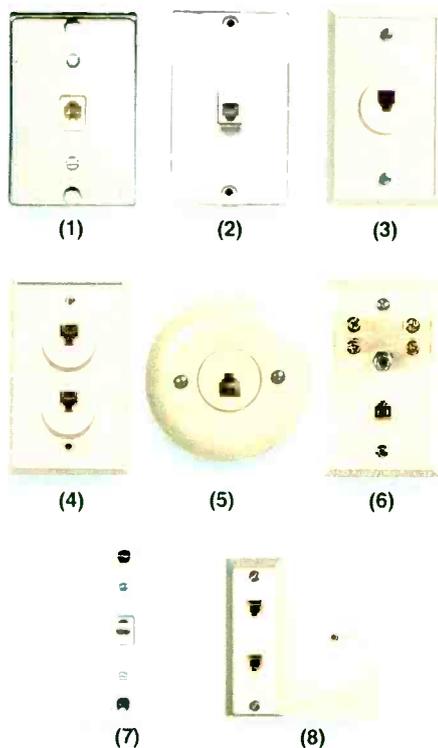
**UL listed line cords**

Fig.	Length	Description	Cat. No.	Each
18	2 ft.	4 conductor modular-to-modular	279-346	2.99
18	6 ft.	4 conductor modular-to-modular	279-347	3.99
18	12 ft.	4 conductor modular-to-modular	279-374	4.99
18	25 ft.	4 conductor modular-to-modular	279-356	6.49
18	5/8"	4 conductor modular-to-modular	279-390	1.99
19	25 ft.	6 conductor modular-to-modular	279-422	7.99
20	25 ft.	4 conductor modular-to-spade lugs	279-364	6.49
20	1 ft.	4 conductor modular-to-spade lugs	279-391	1.99
20	12 ft.	4 conductor modular-to-spade lugs	279-310	4.99
21	12 ft.	8 conductor flat extension line cord	279-446	6.99
21	25 ft.	8 conductor twisted line cord	279-445	7.99
22	2 ft.	NEW White modular-to-modular	279-334	2.99
22	6 ft.	NEW White modular-to-modular	279-339	3.99
22	12 ft.	NEW White modular-to-modular	279-335	4.99
22	25 ft.	NEW Black modular-to-modular	279-336	6.49
23	12 ft.	NEW Black modular-to-modular	279-337	4.49
23	25 ft.	NEW Black modular-to-modular	279-338	6.49
24	50 ft.	NEW White modular-to-modular	279-344	12.99
24	50 ft.	NEW Gray modular-to-modular	279-345	12.99



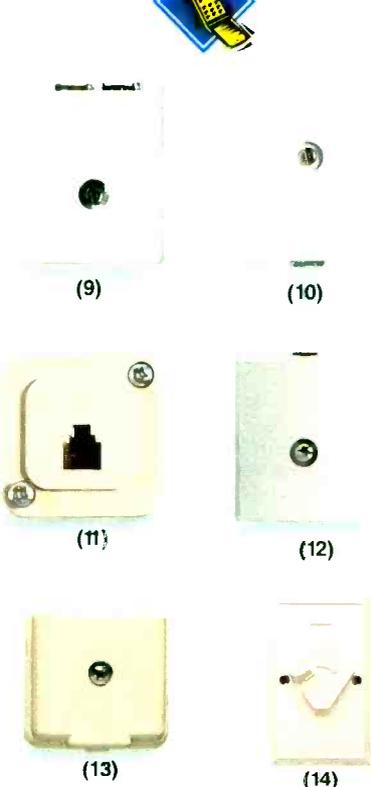
# You Can Do It All With RadioShack

RadioShack has everything you need to add extension phones, update older jacks and phones to modular, and add extra jacks for a modem, fax, answerer or a second-phone line. Our phone jacks and wall plates are color-coded to match wiring. You simply connect the four wires used in most homes to the proper terminals. Do the job yourself and save money.



## Wall mounted jacks

- New** (1) **Stainless steel wall mount plate.** For convenient wall phone installation. Mounts on wall or in a standard empty electric box. 279-452 ..... 9.99
- (2) **Surface-mount wall phone plate.** For wall phone. Ivory, 279-382. White, 279-482 ..... 5.99
- Wall plate.** Requires electrical box. Ivory, 279-387 ..... 6.99
- (3) **Rectangular modular wall plate.** Mounts in a standard empty electric box. Ivory, 279-352. White, 279-204 ..... 4.99
- (4) **Dual wall plate.** Can be used for up to four phone lines, two phones with same number, or phone and accessory such as a fax. Ivory, 279-350. White, 279-450 ..... 6.99
- (5) **Round modular plate.** Attractive wall plate with standard modular (RJ11/14) phone jack. Ivory, 279-392. White, 279-492 ..... 4.99
- (6) **Telephone/audio/video jack.** Flush-mounted modular telephone jack (RJ11/14) with "F" connector for video hookup such as DSS. Speaker terminals to hook up surround sound speakers. 279-325 ..... 7.99
- (7) **Wall phone jack with accessory jack.** Jack for wall-mounted phone with second jack for caller ID, answering machine, or other phone accessory. 279-451 ..... 7.99
- (8) **Dual phone jack with AC wall plate.** Mounts by replacing wall plate on existing AC outlet. Can be used to provide two jacks for the same number or up to four separate phone lines. 279-415 ..... 6.99



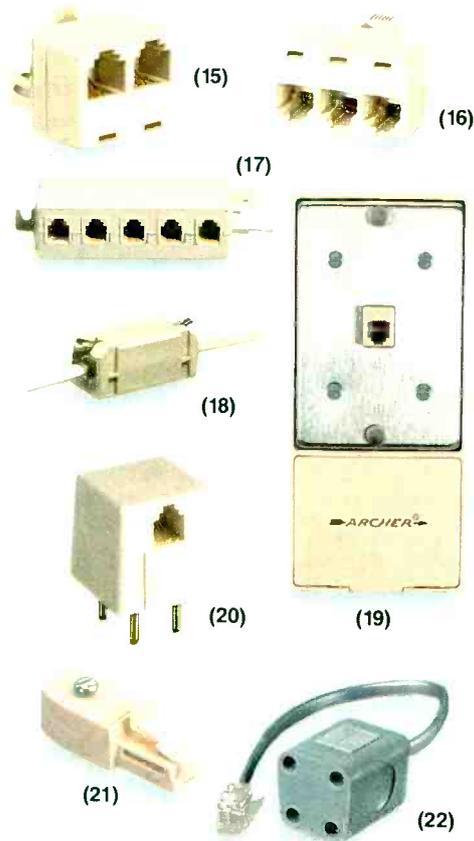
## Baseboard-mounted jacks

- (9) **Surface-mount duplex jack.** Can be used for up to two phone lines, two phones with same number, or phone and accessory. White, 279-448. Ivory, 279-348 ..... 5.99
- (10) **Modular jack with wiring block.** With mounting screws. White, 279-203. Ivory, 279-349 ..... 4.99
- (11) **Surface-mount modular jack.** Ideal for mounting on baseboard. White, 279-353. Ivory, 279-202 ..... 4.99
- (12) **Modular quick-connect jack.** Converts standard screw terminal-type wiring block to accept a modular phone plug. Color-coded leads with spade terminals. Ivory, 279-355. White, 279-455 ..... 2.99
- With snap-on clips instead of spade terminal. 279-386 ..... 2.99
- (13) **42A wiring block.** Industry-standard 4-terminal, wall-mounting wiring block accepts spade lugs and wires. 279-389 ..... 2.49
- (14) **Sealed modular wall plate.** Rotating cover. Moisture-inhibiting compound in contact area. 279-330 ..... 9.99



## Outdoor phone wiring box

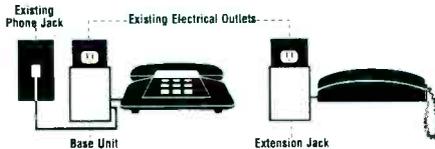
- Sturdy molded enclosure with hinged door, weather-sealed lip. 4 terminals. 279-343 ..... 6.99



## Adapters/Connectors

- (15) **1-to-2 jack.** Converts one modular jack to two jacks so you can connect two devices. 279-357 ..... 4.79
- (16) **1-to-3 jack.** Converts one modular jack to 3 jacks. 279-557 ..... 6.29
- (17) **Five-outlet modular adapter.** Converts one standard modular jack to five modular jacks. 279-410 ..... 9.99
- (18) **Inline coupler.** Connects two 4-wire modular phone cords. 279-358 ..... 2.99
- (19) **Modular duplex wall phone adapter.** Installs between wall phone and existing modular jack. Adds extra outlet for adding caller ID or answerer. 279-359 ..... 9.99
- Modular triplex wall phone adapter.** 279-469 ..... 12.99
- (20) **Cord adapter.** Converts a modular plug to fit an older 4-prong phone jack. 279-351 ..... 3.49
- (21) **Quick-connect modular plug.** With insulation-piercing connectors. Fast hookup. 279-383 ..... 4.99
- (22) **Plug adapter.** Simply plug in to convert older 4-prong plug to fit standard modular jack. 279-393 ..... 3.49





**Your home is already wired**

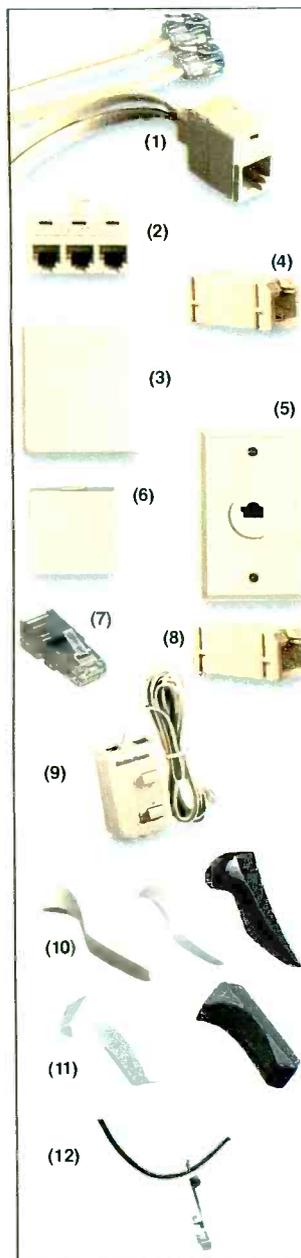
Plug the base unit into any AC outlet near an existing phone jack and connect phone jack to base unit. Then plug the extension jack into any other outlet to add another phone.

# You Can Do It All With RadioShack

RadioShack has everything you need to add extension phones, add extra jacks for a modem, fax, answerer or a second phone line. Plus, we have many other specialty phone products that help ensure devices hooked to your phone line work at their best.

**Instantly add a phone jack with our wireless phone jack system**

Plugs into AC outlet—no drilling, wiring or tools! No expensive hook-up fees. Add a phone wherever you need it. Convenient extra phone jack for mini-dish satellite. Base unit, extension jack and 6-ft. cord. (TSP) **43-160, 99.99**  
**Extension jack.** Add unlimited extensions. For use with 43-160. **43-161 . . . . . 49.99**



**Multi-line applications**

- (1) **Two-line coupler.** Combines two single phone lines (from separate RJ11 jacks) into a 2-line (RJ14) jack. Ideal for use with 2-line phones. **279-401 . . . . . 6.99**
- (2) **2-line, 3-way jack.** Adds two single-line jacks to a 2-line jack. Lets you connect an answerer or fax to either phone line and maintain connection with a 2-line device. **279-402 . . . . . 7.29**
- (3) **Six-wire surface-mount modular jack.** Three-line jack (RJ25C). Available in two colors. **Almond, 279-420. White, 279-419 . . . . . 4.79**
- (4) **8-conductor in-line coupler.** Connects two 8-conductor cords. **279-444 . . . . . 5.99**
- (5) **8-pin modular wall jack.** **279-443 . . . . . 7.99**
- (6) **8-pin surface-mount jack.** **279-442 . . . . . 4.99**
- (7) **Quick-connect eight-pin plug.** For 8-wire phone cable. Easy to install—just position wire and close cover. **279-440 . . . . . 6.49**
- (8) **6-pin in-line coupler.** **279-423 . . . . . 3.49**

**Two-way phone line switch**

- (9) Connect two devices to the same phone line. Switch between fax/modem, answering machine. **43-433 . . . . . 14.99**

**Soft shoulder rest**

- (10) Helps free your hands while you talk. Works with most telephone handsets. **Ivory, 43-134. Black, 43-157. White, 43-156 . . . . . 7.99**

**New Soft mini rest**

- (11) Fits securely to any flatback phone. Attaches easily with the strong, adhesive strip. **Black, 43-158. White, 43-159 . . . . . 6.99**

**Shoulder rest**

- (12) Grip adjusts to fit your particular handset. Comfortably padded. Works on right or left shoulder. **43-119 . . . . . 5.49**



**Voice/data guard**

- (13) Stops answerer's outgoing message if phone or extension is picked up. Prevents interruption of fax or modem transmission. **43-107 . . . . . 9.99**

**New 8C-to-Dual 4C adapter**

- (14) Splits 3-conductor non-keyed wiring into two 4-conductor modular jack outputs. **279-456 . . . . . 6.99**

**New 8C-to-Dual 8C adapter**

- (15) Splits one non-keyed 8-conductor plug into two 8-conductor jacks. **279-457 . . . . . 6.99**

**Foreign line adapter for computer phone**

- (16) Use to connect your PC or phone to foreign phone lines. **France, 279-427. Germany, 279-428. Great Britain, 279-426 . . . . . 5.99**

**In-use indicator**

- (17) Instantly lets you know when a phone line is in use. Helps eliminate needless conversation interruptions. Requires 9V battery. **43-108 . . . . . 12.99**

**RF line-noise filter**

- (18) Helps reduce noise, static, and radio interference from 3-30MHz. Easy to install. **43-150 . . . . . 19.99**

**Outdoor phone wiring box**

- (19) Connect phone company wiring to your wiring. **279-394 . . . . . 6.99**

**Line tester**

- (20) Quick and easy problem finder! For single and 2-line jacks. Plug in and LEDs show if the jack is wired correctly, wired in reverse or not working. **43-104 . . . . . 5.99**

**Phone-line spike protector**

- (21) Helps prevent damage to modems, phones, fax and answering machines due to voltage spikes on phone line. **43-102 . . . . . 14.99**



**33-memory pocket tone dialer**

Made small and compact to carry in a pocket or a purse. Lets you use computer-based services from any three one-touch priority memories and 30 standard speed-dialing memories. Add 3 "AAA" batteries. (TSP) 43-146 . . . . . 24.99



**Pocket-sized tone dialer**

Lets you use computer-based phone services that require tone signals from any phone. You can use it to control answering machines requiring Dual-Tone Multi-Frequency signaling. Requires 3 "AAA" batteries. 43-145 . . . . . 16.99



**Telephone cassette recorder**

Automatically records phone conversations when speech is detected. Features dual-speed recording, auto stop, cue/review and sensitivity switch. Optional "beep" tone. Bi-pin telephone jack, external mic jack and 1/8" ear-phone jack. Uses 4 "AA" batteries or DC power adapter 273-1662. (TSP) 43-473 . . . . . 99.99



**Fax/modem mate**

**MM-1000.** Hook up a fax or modem almost anywhere—even at the hotel or airport. Just plug between phone and handset. Connect to a cassette recorder to tape your conversations. Can be used with any handset which unplugs. Uses 2 9V batteries. (TSP) 43-1242 . . . . . 49.99



**Single-phone tape recorder control**

Starts a recorder to tape conversations when receiver is lifted. Plug into modular jack/tape. 43-228 . . . . . 19.99

**New Voice-activated recording control**

Records only when callers speak, pauses during silences to save tape. (TSP) 43-1263 . . . . . 34.99

**Recording control**

Starts your recorder when any receiver is picked up. Works on 3-6V recorders. (TSP) 43-1236 . . . . . 24.99

**Phone amplifier**

Amplifies incoming voice so others can hear the call. Requires 9V or AC adapter. 43-231 . . . . . 9.99

**Hands-free handset**

Replaces your phone handset. Not for phones with keypad in handset. Requires 4 "AA" batteries. (TSP) 43-192 . . . . . 59.99

**New Headset for your cordless or cellular**

Plugs into any phone (standard or cellular) with a 2.5mm jack. Keypad clips to belt. 43-194 . . . . . 19.99

**2-line phone switch**

Lets you use a single-line fax or answerer on two phone lines. PBX setting. 43-1383 . . . . . 24.99



**Fone Flasher**

Plugs in to flash a lamp on and off when the phone rings. For incandescent lamps up to 300W. Easy hookup. UL listed AC. 43-177 . . . . . 14.99



**Fone Flasher 2**

Bright strobe light flashes and built-in ringer sounds when your phone rings. Plugs into modular phone jack. UL listed AC. 43-178 . . . . . 29.99



**Mini Fone Flasher**

Ideal for offices with many phones. A light flashes to show which phone is ringing. Phone-line powered. 43-179 . . . . . 8.99



**New Musical hold**

Automatically plays one of 12 prerecorded melodies when you put a caller on hold. Indicator reminds you of call status. 43-441 . . . . . 19.99



**Handset amplifier**

Fits phones with modular handset cords. Boosts incoming sound. Volume control. Requires 9V battery. 43-237 . . . . . 19.99



**New 2-way amplifier**

For hands-free calls. Privacy button. Phone-line powered. Includes modular cord. 43-200 . . . . . 29.99



**Snap-on amplifier**

Snap onto phone handset to boost incoming sound. Compact to carry with you everywhere. Uses 9V battery. 43-229 . . . . . 10.99

**Over-ear headset**

Plugs into modular handset cord to replace handset. Volume, mute button. Not for phones with keypad in handset. Uses 9V battery. Was \$79.99 in '97 catalog. (TSP) 43-182 . . . . . New Low Price! 69.99

**Universal belt clip**

Attaches easily and securely to your cordless phone to keep your hands free. Was \$4.99 in '97 catalog. **Black, 43-168. White, 43-167 . . . . . New Low Price! 3.49**

**New Message Lite message system**

Plugs into phone line—lets you know you have a message on the phone company's voice mail. AC powered. (TSP) 43-162 . . . . . 34.99

**New Message Lite DC**

Like above, but uses 4 "AA" batteries. (TSP) 43-163 . . . . . 34.99

**New Ringer control**

Change loudness, tone and ring interval. Uses 4 "AA" batteries or AC adapter #273-1662. 43-181 . . . . . 21.99

**Extra-loud bell**

Plugs easily into a modular phone jack. Volume control lets you adjust loudness. 43-173 . . . . . 19.99

**Outdoor bell**

Put this weather-resistant bell on the porch, patio or garage so you don't miss calls while working or relaxing outside. 43-174 . . . . . 29.99

**Remote bell**

Replaces a phone's ringer with a clear bell sound. As a remote, it alerts you to calls when you're not near a phone. 43-175 . . . . . 14.99



# Sprint PCS: 100% Digital, 100% PCS Network

Sprint Personal Communications Services has one goal, above all others—to deliver an intelligently designed communications service that results in better connections between you and the people who are important to you.



**Sprint PCS™**

## **Sprint PCS is convenient and easy to use**

Get everything you need at RadioShack to start using your Sprint PCS Phone™. Easy activation just by calling the Sprint PCS toll-free number.

- No long-term contracts required
- No activation fees
- Simple, flexible pricing plans for consumers and businesses
- Easy-to-read invoices

## **Services that put you in control:**

- Voicemail
- Call Waiting
- Caller ID
- Call Forwarding
- Three-Way Calling
- Detailed Billing
- Free first incoming minute of every call in your Sprint PCS Home Service Area™

## **Ways to power up and accessorize your Sprint PCS Phone™**

- Battery Pack
- Desktop Charger
- Leather Case
- Rapid Cigarette Lighter Adapter
- Travel Charger
- Handsfree Car Kit

## **Customer Care is only a call away**

Your convenience is of primary importance to Sprint PCS. Dial one phone number, wherever you are, to reach Customer Care—24 hours a day, 7 days a week, 365 days a year!

## **Connect—across town or across the country—better than ever before**

The Sprint PCS Network™ will cover the largest population accessible by a single technology and a single brand. This translates into as many as 190 million people being able to connect more effectively and efficiently than they ever could before. And it will do so with a consistency of technology, features and services that will give you greater control over both your personal and professional lives.

## **Designing the Sprint PCS Network™—with you in mind**

Sprint PCS chose a high-capacity digital technology called CDMA—code division multiple access. Count on it to deliver digital voice clarity, security and reliability. You'll have fewer dropped calls, less static and enhanced privacy with Sprint PCS.

**PCS ACCESSORIES**

See Index for these listings:

Adapters, AC/DC • Antennas • Batteries • Cases • RadioShack Unlimited



# We're Your Cellular Phone Answer Store

You can count on RadioShack to deliver the best deal on a new cellular telephone—we can even activate your new phone right in the store. We're the USA's #1 cellular retailer because we can do it all!

## We keep adding to our cellular phone features

RadioShack cellular phones are of the highest quality and are equipped with the latest features. Our cellular telephones include Dual NAM operation, letting you subscribe to two different cellular phone services; lighted display for easier viewing in dim light; redial of last number called; handsfree capability for safer operation in a vehicle; call timers to keep track of cellular phone usage and memory storage for frequently called numbers. Plus, all phones have an emergency dial key. Other features may include vibrating silent alert to keep others from being disturbed; phone authentication to ensure your phone's number isn't cloned; data communications capability; alphanumeric name tag which lets you store numbers with a name associated with the phone number; scratchpad memory which lets you display numbers or letters during and after a phone call.

## Service costs

RadioShack and our cellular telephone carriers across the country work to keep cellular telephone pricing as affordable as possible. In most cases, your new activation and minimum service commitment will result in substantial savings over the unactivated price. However, cellular carriers may require activation fees and service deposits. In the state of California, due to state pricing regulations, RadioShack's cellular phone assortment is not the same—refer to pages 46-47. Cellular pricing is summarized on page 45 for all RadioShack cellular phones both activated and unactivated.

## Buying a cellular

With so many different types of cellular phones and plans available, how do you make the right choice? RadioShack's sales associates are trained to help you select the right phone for you and to help you decide which cellular plan best meets your needs. We have answers to all of your questions about cellular.

## Activation fees

An activation fee is the cellular carrier's charge for setting up your account and assigning your cellular phone a number. All cellular phones must be activated with a carrier.

## Monthly charges

Like your home phone, you'll likely pay monthly service fees. How much you pay will depend on the service plan and the features and options you select. These monthly charges are subject to carrier rate increases and must be paid over the life of your specific cellular commitment.

## Early deactivation

If you terminate service before completion of your minimum service commitment, your carrier may impose a flat or pro-rated penalty fee. If you terminate service within 120 days of activation, to avoid a \$300 charge by RadioShack, you must return the cellular phone to RadioShack.

## Prepaid cellular service

If you want a cellular phone but don't want to sign a long-term contract, consider prepaid cellular service. Prepaid cellular is simple. Just stop by RadioShack and purchase a cellular phone and the number of minutes of airtime you want. There's no long-term contract, no credit needed, no monthly bill and no deposit.



## Coast-to-coast activation

We can activate your cellular phone for use in thousands of towns and cities all across the country—AT NO EXTRA COST TO YOU! We can program or reprogram almost any cellular phone, including non-RadioShack models.

## Airtime, phone programming

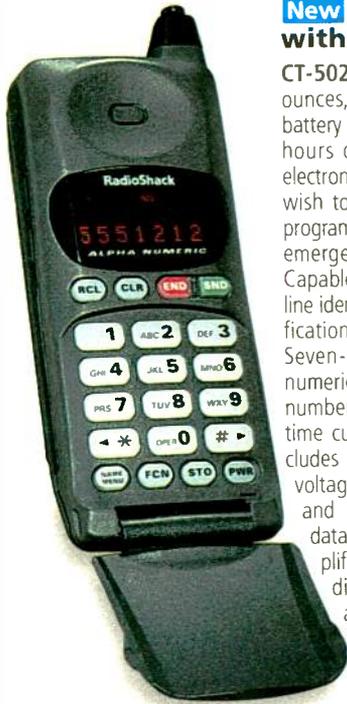
Your monthly bill will also vary depending on when and how much you use your cellular phone. Per-minute airtime rates are based on peak/off-peak times, weekday/weekend usage and on the specific service plan you select. Programming charge is a fee paid to program your new phone to operate on a carrier's cellular. We provide this service at no additional charge on every cellular phone RadioShack sells!

**CELLULAR ACCESSORIES** See Index for these listings:

Adapters, AC; DC • Batteries • Cases

Prices apply at participating RadioShack stores and dealers. Not all items in all store—our ordering service (items subject to availability)





**New Flip-style cellular with vibrating alert**

**CT-502.** Just 5<sup>3</sup>/<sub>8</sub>" high and weighs only 7.7 ounces, yet its slim Nickel-Metal Hydride battery has 85 minutes of talk time or 24 hours of standby. Selectable traditional electronic ringer, or vibrator alert when you wish to be discreet. 50 memories with 9 programmable one-touch dialing settings for emergency or frequently called numbers. Capable of utilizing authentication, calling line identification and message-waiting notification services if available in your area. Seven-character LED display with alphanumeric memory lets you store name and number for easier recall. Timers track talk time cumulatively or by individual call. Includes a signal strength meter and battery voltage indicator. Tone-dialing, dual NAM and retractable antenna. Handsfree and data capable. Mute, electronic lock. Simplified PIN code dialing and calling card dialing. Slim 600mAh NiMH battery and an internal AC charger adapter. (TSP) **17-1111 ..... 49.99\***

Available Oct 15, 1997



**Mini-handheld flip-style cellular with 98-number memory**

**CT-355.** Folds to just 5<sup>3</sup>/<sub>4</sub>×2<sup>1</sup>/<sub>8</sub>×1<sup>5</sup>/<sub>16</sub>", yet packed with great features like a BIG, 98-number memory. Authentication feature helps keep your calls private. Backlit alphanumeric display can easily be read from any angle. Features 5-number redial, auto answer, signal strength indicator and emergency number key. Press any button to answer a call. 50 minutes talk time, 10 hours standby. Frequently used controls are located above the flip-out section of phone. Handsfree/data capable. 7.9 ounces. Includes AC charger and desktop stand. (TSP) **17-1168 ..... 39.99\***



**Extended-Life Battery.** Extends the life of your cellular phone by almost doubling your standby and talk time.

**Ni-Cd Battery.** Nickel-cadmium can be used often and is quickly and easily charged/discharged.

**Ni-MH Battery.** Nickel-Metal Hydride doesn't develop a "memory", so you get more talk time after the battery ages than you would with a Ni-Cd. However, this type takes longer to charge, and won't last through as many charging cycles.

**DC Mobile Adapter.** Powers and charges your cellular phone in your car or camper.

**Handsfree.** Allows you to drive safely—answer and use your phone without holding the handset. Requires car kit or headset kit.

**Alphanumeric Displays.** Lets you enter both a person's number and name into the phone's memory for easy dialing of important numbers.

**Talk Time.** Minutes available to talk on your cellular phone with a fully charged battery.

**Standby Time.** Time per battery charge that your phone can be left "on" to receive calls.



**Leather carrying case**

Soft carrying case is made out of rugged leather. Protects CT-502 phone. **17-412 ..... 29.99**



**Carrying case**

Hand-made leather carrying case for CT-355. **17-415 ..... 29.99**



**Slim battery**

Thin, 6V/1250mAh Ni-MH battery for CT-502. Est. 120 min. talk time, 24 hrs. standby. **23-1016 ..... 29.99**



**Extended battery**

Increases your CT-355's capacity to 110 min. talk time, 26 hrs. standby. **17-739 ..... 69.99**



**Mini extended battery**

6V/1800mAh Ni-MH battery for CT-502. Up to 275 min. talk time, 50 hrs. standby. **23-1018 ..... 49.99**



**Slim battery**

Weights only 3 ounces. Gives the CT-355 50 min. talk time, 10 hrs. standby. **17-738 ..... 49.99**



**DC mobile adapter/charger**

Use/charge your CT-500/501/502 cellular phone in the car. **273-1211 .. 29.99**



**Mobile adapter/charger**

Use/charge CT-355 while in your car. **17-616 ..... 39.99**



**Ni-MH battery**

6.25V/600mAh Ni-MH battery for CT-502. 80 minutes talk time, 11 hours standby. **RSU 11486610 ..... 59.99**



**Extended battery**

6V/1100mAh Ni-MH battery for CT-355. 130 min. talk time, 30 hrs. standby. **RSU 11466125 ..... 79.99**



**Desktop charger**

A convenient way to charge your CT-352 flip-style phone or spare battery. **RSU 11466208 ..... 37.99**

**Handheld Cellular Feature Comparison**

Model	Cat. No.	Talk Time	Standby Time	Memories	Display	Data Capability	Handsfree Capability	Any Key Answer	Nams	Weight	Caller ID	Message Notification
CT-354	17-1165	120 min.	26 hrs.	20	Numeric		✓	✓	Dual	8.5 oz		
CT-501	17-1110	120 min.	30 hrs.	40	Numeric	✓	✓		Dual	9.6 oz	✓	✓
CT-355	17-1168	50 min.	10 hrs.	98	Alphanumeric	✓	✓	✓	Dual	7.9 oz		
CT-502	17-1111	85 min.	24 hrs.	50	Alphanumeric	✓	✓		Dual	7.7 oz	✓	✓

\*Cellular pricing information on page 43.

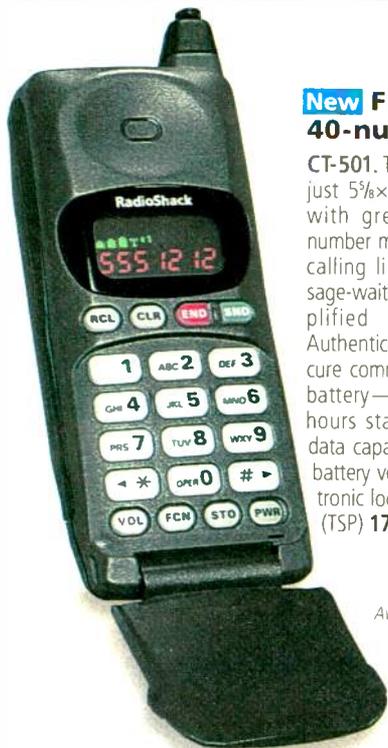
**CELLULAR PHONE ACCESSORIES**

See Index for these listings:

Adapters • Antennas • AC chargers • Batteries, Cellular • Cords, Automotive

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4





**New Flip-style with 40-number memory**

**CT-501.** This handy phone folds to just 5<sup>5</sup>/<sub>16</sub>×2<sup>7</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>16</sub>", but is packed with great features like 40-number memory, automatic redial, calling line identification, message-waiting notification and simplified PIN code dialing. Authentication circuit ensures secure communication. Long-lasting battery—2 hours talk time, 30 hours standby. Hands-free and data capable. Signal strength and battery voltage meter. Mute, electronic lock, call timer. Dual NAM. (TSP) 17-1110. . . . . **19.99\***

Available Oct 15, 1997



**Cool Phones, Hot Features!**

Looking for a great selection of cellular phones with the latest, most advanced calling features? This is the place!

**New Handheld with all-day battery**

**CT-354.** No need to constantly recharge—included battery has 2 hours of talk time and 26 hours of standby. Program 20 numbers to be dialed with a simple 2-digit code. Authentication feature for security. Call timer. Battery and signal strength meters. LCD has easy-to-use menus. Hands-free capable. Last-number redial and any-key answer. Keyguard helps prevent accidental key presses. Dual NAM. 5<sup>5</sup>/<sub>16</sub>×2<sup>7</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>16</sub>". (TSP) 17-1165 . . . . . **1c\***



**All the extras your cellular needs!**



**Carrying case**

Strong leather carrying case for the CT-354 or CT-356 cellular phone. 17-416/430 . . . . . **29.99**

**Leather carrying case**

Soft carrying case is made out of rugged leather. Protects CT-500/501/502 phones. 17-412 . . . . . **29.99**

**DC adapter**

Take your CT-354 or CT-356 cellular on the road with this DC adapter. 273-1216 . . . . . **29.99**

**DC mobile adapter/charger**

Use/charge your CT-500/501/502 cellular phone in the car. 273-1211 . . **29.99**



**Ultra extended battery**

Extra battery for CT-354. over 3 hrs. min. talk time, 47 hrs. standby. RSU 11873452 . . . . . **64.90**

**Leather case**

Soft leather carrying case with belt clip protects the CT-352 mini handheld. 17-411 . . . . . **29.99**

**Cellular battery**

4.8V/950mAh Ni-Cd battery for CT-354 or CT-356. 120 min. talk time, 26 hrs. standby. RSU 11630282 . . . . . **29.99**

**Battery**

For CT-1055. 75 min. talk time, 7<sup>1</sup>/<sub>2</sub> hours standby. RSU 10436335 . . . . . **59.99**

**RadioShack is your cellular accessory store**

We have a large selection of batteries, cases, adapters, handsfree kits and other accessories to keep you talking! For more exciting cellular phone products, see pages 48-51. Come in store and see our full selection, including RSU catalog products which can be shipped direct to your door!

**Cellular Phone Pricing**

Model	Cat. No.	With Activation	Without Activation	California With Activation	California Without Activation
CT-354	17-1165	0.01	300.01	59.99	359.99
CT-501	17-1110	19.99	319.99	99.99	399.99
CT-355	17-1168	39.99	339.99	99.99	399.99
CT-502	17-1111	49.99	349.99	139.99	439.99

**Full-power cellular fits all your traveling needs**

**CT-1055.** Take it anywhere you go! Plug it into the car lighter, or use battery power away from the car. Handsfree operation lets you make and take calls without lifting the handset. 50-number memory speed-dial with alphanumeric memory scan. Any-key answer, call timers and scratchpad memory for quick notes. Features multiple telephone number operation. Antenna, battery, vehicle battery adapter, AC charger and DC adapter included. Everything fits conveniently in the included carrying bag. (TSP) 17-1007 . . . . . **1c\***



# The Cellular Solution

We understand that people have different communications needs. Whether you need a cellular phone for frequent business use or just want one for a little extra security, we're here to help!



Available in California only!

## Light and compact cellular phone that goes everywhere

**Nokia 232.** At only 5<sup>13</sup>/<sub>16</sub>"x2<sup>1</sup>/<sub>4</sub>"x<sup>7</sup>/<sub>16</sub>" and just 6<sup>1</sup>/<sub>2</sub>" ounces, it's packed with great features. With talk times up to 110 minutes. Alphanumeric display memory lets you store both names and numbers, so you'll only have to remember a person's name. Scratch pad memory lets you create memos during or after calls, and store them for later reference. Supertwist easy-to-read LCD display makes it easy to view your display from almost any angle. Automatically stacks the last five numbers, so

you don't have to redial to return a recent phone call. Speed-dial with memory scan lets you quickly find the number you're looking for. Call timers help you keep track of talk time either by last call or cumulatively. Emergency call override. Three ringer volume selections. Programmable keypad lockout for security. Last-number redial. Features a signal strength indicator and a battery strength indicator. 110 mins. talk time, 26 hrs. standby. (TSP)

17-1086, Gray. **New** 17-1087, Woodgrain ..... See store for price!



## California goes cellular with RadioShack!

On pages 46 and 47, RadioShack offers our California customers an additional assortment of cellular phones that are available in CA only! Also available in California are our cellular phones found on pages 44 and 45. Plus, we've got all the accessories to keep California talking!



**Backup Batteries:**  
**Slim Ni-Cd.** 50 mins. talk time, 10 hrs. standby. **17-738** ..... **49.99**  
**Slim Ni-MH.** 70 mins. talk time, 15 hrs. standby. **RSU 11466117**, **64.99**  
**Extended Batteries:**  
**Ni-Cd.** 110 mins. talk time, 26 hrs. standby. **17-739** ..... **69.99**  
**Ultra Ni-MH.** 130 mins. talk time, 30 hrs. standby. **RSU 11466125**, **79.99**



**Fast travel charger.** Charges your extended Ni-Cd battery in 1 1/2 hours. **RSU 11466158** ..... **26.99**  
**Mobile DC adapter/charger.** Charges your phone in 1 1/2 hours. **17-616** ..... **39.99**

## Nokia-compatible cellular accessories



**Leather carrying case.** 100% soft leather carrying case with belt clip. **17-411** ..... **29.99**



**Desktop charging stand.** Charges phone and battery from your desktop. **RSU 11466208** ..... **37.99**



**Compact handsfree car kit.** Keep your hands on the wheel. Easy to use and install. **RSU 11465804** ..... **157.99**



**3-watt booster.** Great for fringe areas. Requires RSU 11465853 at right. **RSU 11465754** ..... **199.99**



**Handsfree car installation kit.** Frees up your hands while you talk. **RSU 11465853**, **237.99**



**Mobile cellular phone holder.** Holds phone securely in place while you're driving. **RSU 11487337** ..... **19.99**

## California Handheld Cellular Comparison

Model	Cat. No.	Talk Time	Standby Time	Memories	Display	Data Capability	Hands-Free Capability	Any-Key Answer	NAMs	Weight	Size
12865	17-1208	100 min.	15 hrs.	20	Numeric	✓	✓		dual	10 oz.	6 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>8</sub> "
12837 (Purple)	17-1204	100 min.	15 hrs.	20	Numeric	✓	✓		dual	9.7 oz.	6 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>8</sub> "
12837 (Charcoal)	17-1205	100 min.	15 hrs.	20	Numeric	✓	✓		dual	9.7 oz.	6 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>8</sub> "
12837 (Pine)	17-1206	100 min.	15 hrs.	20	Numeric	✓	✓		dual	9.7 oz.	6 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>8</sub> "
12829	17-1209	70 min.	10 hrs.	60	Alphanumeric	✓	✓		dual	8.7 oz.	6 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>4</sub> "
232	17-1086	110 min.	26 hrs.	98	Alphanumeric	✓	✓	✓	dual	6.5 oz.	5 <sup>13</sup> / <sub>16</sub> "x2 <sup>1</sup> / <sub>4</sub> "x <sup>7</sup> / <sub>16</sub> "
232WG	17-1087	110 min.	26 hrs.	98	Alphanumeric	✓	✓	✓	dual	6.5 oz.	5 <sup>13</sup> / <sub>16</sub> "x2 <sup>1</sup> / <sub>4</sub> "x <sup>7</sup> / <sub>16</sub> "

\* Advertised prices require a new activation and minimum service commitment (usually 1, 2 or 3 years), upon credit approval, with a RadioShack authorized cellular carrier serving your area. An activation fee is required. Like your home phone, a monthly service fee, long-distance fees, and charges for airtime you actually use will be made. All these fees vary depending on the plan you select. If you terminate service before the completion of your minimum service commitment, your carrier may impose a flat or pro-rated penalty fee. If you terminate service within 120 days of activation, to avoid a \$300 charge from RadioShack, you must return the phone. Sales tax is based on the unactivated price of the phone per the State Board of Equalization

### CELLULAR PHONE ACCESSORIES See Index for these listings.

Adapters • Antennas • AC Chargers • Batteries, Cellular Cords, Automotive

Items with an **RSU** number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4





# When You Make the Call, We'll Listen

We know you may have questions about cellular communication. At RadioShack, you'll find our sales associates are trained to answer all of them. Cellular technology and services change all the time, and we're leaders in providing new solutions to new needs. We're the complete cellular dealer—with the equipment, accessories and personal service you need. Our goal is to make sure that no matter where you go, you'll stay in touch in life and stay ahead in business.

## New 20-memory pocket cellular phone

Ideal for business people. Send data by fax, modem or other device using a data transfer kit. Dial any of the 20 stored phone numbers with a simple 2-digit code. Push any button to answer a call. Cumulative and individual call timers keep track of usage. Electronic lock helps prevent unauthorized use of your cellular phone. Built-in battery charger. Battery and signal strength meters. Dual NAM. 100 minutes talk time, 15 hours standby time. (TSP) **Eggplant, 17-1204; Black, 17-1205; Pine, 17-1206** . . . . . See Store For Price

## New Alphanumeric handheld FLIP PHONE with DC power adapter

Take along in pocket or purse—folds to just 6½×2½×1⅞". Includes power adapter for use as a mobile. 60-number speed-dial memory. 70 minutes talk time, 10 hours standby. Data ready. Call timers. Battery and signal strength meters. Built-in battery charger. Dual NAM. (TSP) **17-1209** . . . See Store For Price

## New Deluxe cellular FLIP PHONE

Compact phone features 20-number speed-dial memory, plus auto redial. Press any key to answer a call. Has call timers and battery and signal strength meters. Data ready. Built-in battery charger. Electronic lock controls use. Dual NAM. 100 minutes talk time, 15 hours standby time. (TSP) **17-1208** . . . See Store For Price

**\*Question:** What must I do in order to buy the cellular phone shown at the advertised price?



**Answer:** Our low phone prices require a new activation and minimum service commitment (usually 1, 2 or 3 years) upon credit approval with a RadioShack authorized cellular carrier serving your area. By making this contractual commitment, you can expect to pay some or all of the fees and charges listed below. However, because these fees and charges vary greatly depending upon the local market, it is best to check with your local RadioShack for specific details.

**Activation Fee.** A cellular carrier's charge for setting up your account and assigning your phone number. All cellular phones must be activated with a carrier.

**Programming Charge.** A fee paid to program your new phone to operate on a carrier's cellular system. At RadioShack we provide this service at no additional charge on all cellular phones we sell!

**Monthly Service Charge.** Like your home phone, you'll likely pay monthly service fees. How much you pay will depend on the service plan and the feature options you select. These monthly charges are subject to carrier rate increases and must be paid over the life of your specific commitment.

**Airtime Charges.** Your monthly bill will also vary depending on when and how much you use your cellular phone. Per-minute airtime rates are based on peak/off-peak times, weekday/weekend usage and on the specific service plan you select.

**Early Deactivation Charge.** If you terminate service before completion of your minimum service commitment, your carrier may impose a flat or pro-rated penalty fee. If you terminate service within 120 days of activation, to avoid a \$300 charge by RadioShack, you must return the cellular phone.

**Sales tax applied to unactivated price of item per State Board of Equalization.**

## Motorola-compatible accessories



**Leather case for FLIP PHONE.** Leather carrying case fits securely and protects FLIP PHONE from damaging scratches. **17-425, 29.99**  
**Pocket phone case.** **17-422** . . . . . **29.99**



**Car power cord.** Fits Motorola's MicroTAC models. Allows cellular use in car with DC power supply. **273-1211** . . . . **29.99**



**For MicroTAC. 1250mAh Ni-MH cellular battery.** 120 minutes approximate talk time. **23-1018** . . . . . **29.99**



**600mAh Ni-MH cellular battery.** 80 mins. talk time, 11 hrs. standby. **RSU 11486651, 59.99**



**For MicroTac. 6V 1.8Ah Ni-MH cellular battery.** 275 minutes approximate talk time. **23-1018** . . . . . **49.99**



**Cellular battery conditioner/charger.** Quickly charges your cellular battery. **23-401** . . . . . **69.99**

\*Advertised prices require a new activation and minimum service commitment (usually 1, 2 or 3 years), upon credit approval, with a RadioShack authorized cellular carrier serving your area. An activation fee is required. Like your home phone, a monthly service fee, long-distance fees, and charges for airtime you actually use will be made. All these fees vary depending on the plan you select. If you terminate service before the completion of your minimum service commitment, your carrier may impose a flat or prorated penalty fee. If you terminate service within 120 days of activation to avoid a \$300 charge from RadioShack, you must return the phone. Sales tax is based on the unactivated price of the phone per the State Board of Equalization.



**Glass-mount**

Mounts easily on external car window—no holes to drill. In-car cable. 3dB gain. 17-309. . . . . 29.99

**New High performance**

100MHz band-width coverage stainless steel replacement antenna. 3"-to-6" overall length. 17-336. . . . . 19.99

**Adjustable antenna**

Pivots 45° to 90° for best performance. Fits transportables. 3dB gain. 17-317. . . . . 19.99

**New Ericsson**

Mini-antenna for Ericsson Cellular and PCS phones. 17-337. . . . . 14.99

You'll find a large selection of accessories at RadioShack to fit most cellular phones.

**New Slide-on antenna**

Molded black window clip antenna. Includes 9' coaxial cable. 17-334. . . . . 29.99

**Mini-windshield**

Works with CT-500. Easy-to-install. Mounts on front or rear. 17-335. . . . . 29.99

**Magnet-mount**

No drilling needed—attaches to metal roof or trunk. 3dB gain. 17-318. . . . . 24.99

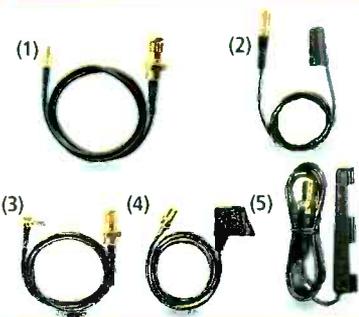
**Trunk-mount**

Easy-to-install on trunk. 10 ft. shielded cable. 3dB gain. 17-311. . . . . 19.99

**Encapsulated**

Glass-mount with high gain, low noise. Encapsulated coil cuts annoying wind whistling effect. 5dB. 17-320. . . . . 39.99

**Cellular antennas & adapters**



**New Antenna adapters with gold TNC**

Adapter for handheld phones to TNC cellular antennas.

- (1) Nokia (232). 17-342. . . . . 14.99
- (2) Nokia. 17-338. . . . . 17.99
- (3) Ericsson. 17-341. . . . . 14.99
- (4) Universal. 17-340. . . . . 14.99
- (5) Motorola. 17-339. . . . . 14.99

**Flexible cellular antennas**

Easy mount antennas are compact and look stylish. Fit most phones. Motorola. 17-330. . . . . 24.99  
Universal. 17-331. . . . . 24.99

**Clip-on antenna**

Perfect for rental cars or multi-car families. Clip adapter to handheld's antenna. Magnetic antenna mounts on roof. Universal. 17-329. . . . . 29.99  
Motorola. 17-328. . . . . 29.99

**Clip-on antenna adapter**

Clips to handheld's antenna. Allows hookup of external antenna for better reception. 17-326. . . . . 14.99

**PCS antennas**



**Glass-mount**

Improve your reception. 14' cable included. 17-370. . . . . 34.99



**Mini-magnet**

Black stainless steel whip antenna. 9' cable. 17-371. . . . . 29.99



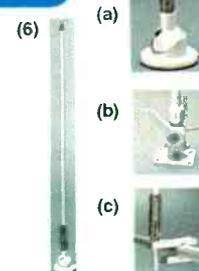
**Window-mount**

Clips to your car's window. 9' cable. Black. 17-372. . . . . 29.99

**Marine antenna with mount**

**Marine cellular antenna**

- (6) 33" weather-proof antenna. Never needs tuning. 4dB gain.
- (6a) Deck mount. RSU 11935475. . . . . 59.99
- (6b) Ratchet mount. RSU 11935491. . . . . 49.99
- (6c) Rail/mirror mount. RSU 11935467. . . . . 99.99



**Mounting brackets & accessories**



**Universal grip mount**

Position your cellular in a convenient location. 17-510. . . . . 39.99



**No-drill mounting system**

No drilling! Bonds with plastic, glass and metal. 17-512. . . . . 39.99



**New Window mount**

Universal bracket fits most handhelds. 17-519. . . . . 36.99



**New Universal cup holder bracket**

Mounts on your cup holder. For Scanners, too! 17-516. . . . . 39.99



**New Clip-mount holder**

Peel & stick to dashboard. Works with scanners, too. 17-518. . . . . 3.99



**New Belt-clip holder**

Fits RadioShack 17-1070/1065/1165 and Nokia 636/638. 17-515. . . . . 14.99



**New Quick release clip**

Snap button to release phone. 17-523. . . . . 14.99



**Triple 12 VDC accessory outlet**

Powers cellular phone and two other accessories. 15 amps total. 270-1544. . . . . 9.99



**3-outlet 12VDC plug-in outlet**

Powers three different car accessories. adjustable neck. 270-1550. . . . . 12.99



**DC multiple power Y adapter**

Power two 12-volt DC devices—cellular phone and radar detector. 270-1535. . . . . 5.99



**2-outlet power adapter**

Run two 12-volt DC operated devices from one lighter. 270-1525. . . . . 6.99



**10-ft. auto extension cable**

Fits auto cigarette lighter. Rated 8 amps. 270-1536. . . . . 5.99



**New Universal belt clip**

Conveniently secures most cellular telephones. 43-168. . . . . 3.49



## Sprint / PrimeCo / GTE



Leather case.  
17-419 . . . . 29.99



DC adapter.  
273-1218 . . 34.99



Desktop charger.  
RSU 11873585, 49.99



Lightweight battery.  
23-1015 . . . . 79.99



## Motorola



6V battery.  
23-1013 . . . . 49.99



Leather case. Fits Motorola  
3000. 17-421 . . . . 29.99



Elite DC adapter.  
273-1217 . . . . 29.99



AC/DC rapid charger.  
RSU 11268059, 69.99



6.25V 600mAh battery.  
RSU 11486628 . . . . 59.99

### Sprint/PrimeCo/GTE

Phone	Leather Case	DC Adapter	Slim Battery	Extended Battery	Ni-MH Battery	Handsfree Kit	Desktop Charger	Rapid Travel Charger
Sony CD 1900	17-419 <b>\$29.99</b>	273-1218 <b>\$34.99</b>	23-1015 <b>\$79.99</b>				RSU 11873585 <b>\$49.99</b>	23-407 <b>\$89.99</b>
Samsung SCH-1000	17-426 <b>\$29.99</b>	273-1222 <b>\$59.99</b>	RSU 11944063 <b>\$59.99</b>	23-1022 <b>\$39.99</b>			RSU 11944089 <b>\$99.99</b>	23-409 <b>\$69.99</b>
Sprint QPE TGPD	17-427 <b>\$29.99</b>	273-1218 <b>\$34.99</b>						

### Motorola

Phone	Leather Case	DC Adapter	Slim Battery	Extended Battery	Ni-MH Battery	Handsfree Kit	Desktop Charger	Rapid Travel Charger
Spirit/Flare	17-418 <b>\$29.99</b>	273-1217 <b>\$29.99</b>	RSU 11486628 <b>\$59.99</b>	23-1018 <b>\$49.99</b>	23-1016 <b>\$29.99</b>		RSU 10279990 <b>\$24.99</b>	RSU 11268059 <b>\$69.99</b>
3000 Flip	17-421 <b>\$29.99</b>	273-1217 <b>\$29.99</b>	RSU 11486628 <b>\$59.99</b>	23-1018 <b>\$49.99</b>	23-1016 <b>\$29.99</b>		RSU 10279990 <b>\$24.99</b>	RSU 11268059 <b>\$69.99</b>

## Nokia



Leather case.  
17-417 . . . . 29.99



DC adapter.  
17-616 . . . . 39.99



Handsfree headset.  
Headset with boom mic  
plugs into your phone.  
RSU 11890555, 98.99



1100mAh Ni-Cd battery.  
RSU 11466083 . . . . 59.99



500mAh Ni-MH battery.  
RSU 11466067 . . . . 78.99



1500mAh Ni-MH battery.  
RSU 11487345 . . . . 99.99



550mAh Ni-MH vibrating battery.  
RSU 11629433 . . . . 79.99



Rapid charger.  
RSU 11466158 . . 26.99



Desktop charging stand.  
RSU 11466166 . . . . 49.99

## Ericsson



Leather case.  
17-414 . . . . 29.99



Rapid travel  
charger.  
RSU 11660545,  
49.99



Handsfree kit.  
RSU 11437456,  
74.99



6V 1000mAh  
Ni-Cd battery.  
RSU 11437423,  
49.99



DC adapter.  
273-1215 . . . . 34.99



DC adapter.  
273-1216 . . . . 29.99



400mAh Ni-Cd battery.  
RSU 11466075 . . . . 54.99

## Nortel



Leather case.  
17-424 . . . . 29.99



DC adapter.  
273-1221 . . . . 29.99



Battery. For Nortel  
M-2100. 23-1020, 89.99



**RadioShack phone accessories**

**DC adapter & charger.** For CT-352.  
17-616 ..... 39.99

**DC adapter & charger.** For CT-500.  
273-1211 ..... 29.99

**Cellular phone power and protection**

**DC power cord.**  
For CT-354 & 356.  
273-1216 ..... 29.99

**Slim battery.**  
For CT-350 & CT-351.  
17-609 ..... 59.99

**Extended battery.**  
For CT-350 & CT-351.  
17-608 ..... 49.99

**Slim battery.**  
For CT-353.  
23-1011 ..... 49.99

**Slim battery.**  
For CT-352.  
17-738 ..... 49.99

**Extended battery.**  
For CT-355.  
17-739 ..... 69.99

**Leather case.**  
For CT-354 & CT-356.  
17-416 ..... 29.99

**Leather case.**  
For CT-500, 501 & 502.  
17-412 ..... 29.99

**Leather case.**  
For CT-355.  
17-415 ..... 29.99

**Leather case.**  
For CT-350/351/353.  
17-410 ..... 29.99

**Leather case.**  
For CT-600.  
17-423 ..... 29.99

**Ni-MH battery.**  
For CT-400.  
**RSU 11898806, 69.99**

**Extended battery.**  
Ni-MH. For CT-500/501/  
502. 23-1018 ..... 49.99

**Desktop charger.**  
For CT-355.  
**RSU 11666203, 10.99**

**Desktop charger.**  
For CT-400.  
**RSU 11898814, 59.99**

**Desktop charger.**  
For CT-354.  
**RSU 11629458, 44.99**

**Handsfree kit.**  
For CT-500, 501, 502.  
**RSU 11629391, 89.99**

**Ni-MH battery.**  
For CT-500, 501 & 502.  
23-1016 ..... 29.99

**RadioShack phone accessories**

Phone Cat. No.	Phone Name	Leather Case	AC Charger	DC Adapter	Slim Battery	Extended Battery	Ni-MH Battery	Handsfree Kit	Desktop Charger
171065/1165, 17-1070	CT-354, CT-356	17-416 \$29.99		273-1216 \$29.99	<b>RSU 11666187</b> \$59.99	<b>RSU 11630282</b> \$29.99	<b>RSU 11873452</b> \$64.99	<b>RSU 11629391</b> \$89.99	<b>RSU 11629458</b> \$44.99
17-1110	CT-501	17-412 \$29.99		273-1211 \$29.99	<b>RSU 10457133</b> \$54.99	23-1018 \$49.99	23-1016 \$29.99		
17-1068/1168	CT-355	17-415 \$29.99	23-401 \$69.99	17-616 \$39.99	17-738 \$49.99	17-739 \$69.99	<b>RSU 11466125</b> \$79.99	<b>RSU 10455798</b> \$179.99	<b>RSU 11666203</b> \$10.99
17-1071, 17-1111	CT-500, CT-502	17-412 \$29.99	23-401 \$69.99	273-1211 \$29.99	<b>RSU 10457133</b> \$54.99	23-1018 \$49.99	23-1016 \$29.99		
17-1062	CT-352	17-411 \$29.99	23-401 \$69.99	17-616 \$39.99	17-738 \$49.99	17-739 \$69.99	<b>RSU 11466125</b> \$79.99	<b>RSU 10455798</b> \$179.99	<b>RSU 10455814</b> \$99.99
17-1060, 17-1061	CT-350, CT-351	17-410 \$29.99	23-401 \$69.99	17-616 \$39.99	17-609 \$59.99	17-608 \$49.99			
17-1063	CT-353	17-410 \$29.99	23-401 \$69.99	17-616 \$39.99	23-1011 \$49.99	<b>RSU 11630381</b> \$29.99	<b>RSU 11576683</b> \$36.99	<b>RSU 11510005</b> \$167.99	<b>RSU 11465911</b> \$13.99

**Motorola compatible accessories**

**New** **Leather case.** For Motorola Pocket phones.  
17-422 ..... 29.99

**New** **Leather case.** For Deluxe Pocket Flip phone. 17-425 ..... 29.99

**Mobile adapter.** For Ultra Classic.  
273-1214 ..... 29.99

**Car power cord.** For MicroTACs.  
273-1211 ..... 29.99

**Extended battery.** For 6/8/9000 series.  
23-1010 ..... 69.99

**AC/DC rapid charger.** For MicroTACs and TeleTACs.  
**RSU 11268059 ..... 69.99**

**AC charger.** For MicroTACs and Ultra Classics.  
23-401 ..... 69.99

**Ni-MH battery.** For MicroTACs.  
23-1016 ..... 29.99

**Extended battery.** Ni-MH. For MicroTACs.  
23-1018 ..... 49.99

**Slim battery.** Fits Classics.  
23-1009 ..... 49.99

**Motorola phone accessories**

Model No.	Leather Case	AC Charger	DC Adapter	Slim Battery	Extended Battery	Ni-MH Battery
DPC 550		23-401, \$69.99	273-1211, \$29.99		23-1018, \$49.99	23-1016, \$29.99
DPC 650 Lite/TeleTAC/Flip-style	17-412, \$29.99	23-401, \$69.99	273-1211, \$29.99		23-1018, \$49.99	23-1016, \$29.99
Deluxe Pocket	17-422, \$29.99	23-401, \$69.99	273-1211, \$29.99		23-1018, \$49.99	23-1016, \$29.99
Deluxe Pocket Flip	17-425, \$29.99	23-401, \$69.99	273-1211, \$29.99		23-1018, \$49.99	23-1016, \$29.99
6/8/9000	17-413, \$29.99	23-401, \$69.99	273-1214, \$29.99	23-1009, \$49.99	23-1010, \$69.99	



## NOKIA RadioShack keeps you in touch



**Mobile adapter.**  
For Nokia 636/638.  
273-1216 . . . 29.99



**Adapter & charger.**  
For many Nokias.  
17-616 . . . . . 39.99



**Leather case.**  
For Nokia 636/638.  
17-430 . . . 29.99



**Extended battery.**  
For Nokia 232/239.  
17-739 . . . . . 69.99



**600mAh Ni-MH battery.** For Nokia 918.  
RSU 11898806 . . 69.99



**Slim battery.**  
For Nokia 232/239.  
17-738 . . . . . 49.99



**3-watt booster.**  
For Nokia 232.  
(Requires RSU 11455853)  
RSU 11465754,  
199.99



**Desktop charger.**  
For Nokia 918.  
RSU 11898798, 99.99



**Handsfree kit.**  
For Nokia 636/638.  
RSU 11629391, 89.99



**Handsfree kit.**  
For Nokia 232.  
RSU 11465853, 237.99



**Leather case.**  
For Nokia 918.  
17-423 . . . 29.99



**0.4Ah Slim battery.**  
For many Nokias.  
23-1011 . . . . . 49.99



**Leather case.** Nokias 100, 101, 1000 and 201.  
17-410 . . . . . 29.99



**Desktop charger.**  
For Nokia 638.  
RSU 11629458, 44.99



**Leather case.**  
For Nokia 232 minis.  
17-411 . . . . 29.99

Model	Leather case	AC charger	DC adapter	Extended Battery	Ni-MH Battery	Handsfree Kit
232/232WG	17-411 \$29.99	17-401 \$69.99	17-616 \$39.99	17-739 \$69.99	RSU 11466125 \$79.99	RSU 10455798 \$179.99
636/638	17-430 \$29.99		273-1216 \$29.99		RSU 11873452 \$64.99	RSU 11629391 \$89.99
100	17-410 \$29.99	RSU 11466158 \$26.99	17-616 \$39.99	RSU 11466091 \$25.99	RSU 11466109 \$40.99	
101/1000/201	17-410 \$29.99	23-401 \$69.99	17-616 \$39.99	RSU 11630381 \$29.99	RSU 11576683 \$36.99	
918	17-423 \$29.99		273-1216 \$29.99	23-1019 \$39.99	RSU 11898806 \$69.99	RSU 11898764 \$169.99

## ERICSSON

### Top-quality accessories from America's Phone Store



**Extended battery.**  
RSU 11437423 . . 49.99



**Rapid travel charger.**  
RSU 11660545 . . 49.99



**DC adapter.**  
273-1215 . . . 34.99



**Leather case.**  
17-414 . . . . . 29.99



**Handsfree kit.**  
RSU 11437456, 74.99

Model	Leather case	AC charger	DC adapter	Extended Battery	Ni-MH Battery	Handsfree Kit
AH 200/210/300 PCS phones	17-414 \$29.99	RSU 11437480 \$49.99	273-1215 \$34.99	RSU 11437423 \$49.99		RSU 11437456 \$74.99
AH 600	RSU 11896628 \$29.99		RSU 11893492 \$39.99			
AH 700	RSU 11896644 \$29.99		RSU 11893492 \$39.99		RSU 11896636 \$79.99	

# Accessories Shipped to Your Door

At every RadioShack you'll find our cellular accessories conveniently located right in the store or listed in the RadioShack Unlimited<sup>SM</sup> catalog. You'll find a huge selection of accessories to choose from, and when you order from RadioShack Unlimited, we'll deliver your order to your home or office. It couldn't be easier!

## Universal Accessories

RadioShack has a big selection of universal accessories designed to work with most cellular phones. Just bring in your phone and we'll help you find the right accessories for all your cellular needs.



**New Vibrating call alert pen.** Discreetly vibrates when your phone receives a call—ideal for use at meetings, school, or church. Adjustable sensitivity level. Requires 1 "AAA" battery. 17-514 . . . . . 29.99



**New Headset.** Free up your hands while talking on the phone. Plugs into any cellular or cordless phone with a 2.5mm jack. 43-194 . . . . . 19.99



**New Emergency battery case.** For Motorola phones. Insert 6 "AA" batteries for up to 120 min. talk time, 38 hrs. standby. 17-520 . . . . . 19.99



**New Emergency battery case.** Forget to recharge your phone's battery? Just insert a 9V battery and plug it into your phone for instant power. For Nokia 232. RSU 11912359 . . . . . 19.99  
For Ericsson. RSU 11912375 . . . . . 19.99  
For Nokia 638. RSU 11912367 . . . . . 19.99



**Universal leather case.** Fits your phone like a glove! Adjustable strap and elastic sides insure snug fit. 17-420 . . . . . 29.99



**Leather travel case.** Safely protects your cellular phone and accessories when you're on the go. Four attractive colors to choose from. **Black,** RSU 11582517. **Brown,** RSU 11582533. **Burgundy,** RSU 11582541. **Tan,** RSU 11582525 . . . . . 54.99





# We've Got You Covered

PageMart offers paging service in the U.S.A., Canada, Mexico, Central America, Puerto Rico, the Virgin Islands and the Bahamas.



Even if you move, you'll keep the same low rates with no interruption in service. A simple phone call is all it takes to change or upgrade your service.

## Numeric pager with message saver

**Pronto.** Memory stores 16 messages. Features FLEX™ technology, which transmits pages quicker, penetrates walls and basements better, and uses battery power more efficiently. Message saver locks messages into memory so you don't lose important messages. Tone/silent alerts. Time stamp and message counter help you keep track of important messages or meetings. When the pager is turned off, the messages are automatically saved. Reserve battery compartment. Low-battery alert. Requires 1 "AAA" battery. Was \$79.99 in '97 catalog.

**Black, 17-7050. Ice, 17-7051. Cranberry, 17-7052. Teal, 17-7053 . . . . . New Low Price! Each 49.99\***



## New Compact pager with 20-message memory

**Express Xtra FLX™.** Memory stores 20 numeric messages. Utilizes FLEX technology for longer battery life and more reliable messaging. Choose from silent vibrating alert, chirp, or 7 different tone alerts. Time stamp records when messages were received. Alarm function, easy-to-read backlit display. Low-battery warning. Includes protective holster with belt clip. Requires 1 "AAA" battery. **Black, 17-8026. Cranberry, 17-8027 . . . . . 69.99\***

## Numeric pager with 9 different alerts

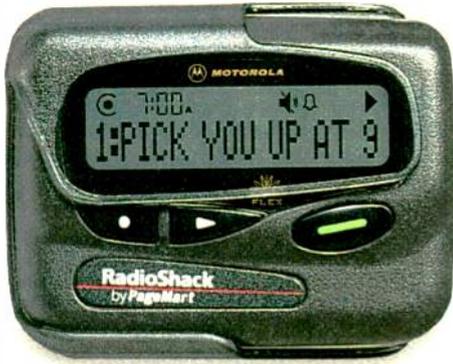
**FX™.** Memory can store 30 pages. Choose from 8 alert tones or discreet vibrating alert. Duplicate message detection deletes multiple pages. Message time stamping shows you when you were paged. Message counter keeps track of the number of pages you have received. Built-in alarm clock and easy-to-read lighted display. Low-battery indicator. Requires 1 "AAA" battery. **Black, 17-6013. Teal, 17-6014 . . . . . 59.99\***

### Check the handy features of RadioShack numeric and alpha pagers

Model	Cat. No.	Technology	Message Memory	Message Alerts	Vibration Alert	Time Stamp	Date Stamp	Low Batt. Indicator	Lighted Display	Alarm Clock	Message Lock	Message Counter	Colors	Batteries Required	Price
Pronto	17-7050/1/2/3	FLEX	16	8 tones	✓	✓	✓	✓	✓		✓	✓	Black/Ice/Cranberry/Teal	1 "AAA"	49.99
FX	17-6013/14	FLEX	30	8 tones	✓	✓	✓	✓	✓	✓	✓	✓	Black/Teal	1 "AAA"	59.99
Express	17-8026/27	FLEX	20	7 tones 1 chirp	✓	✓	✓	✓	✓	✓	✓	✓	Black/Cranberry	1 "AAA"	69.99
Wordline	17-9026	FLEX	18	8 tones	✓	✓	✓	✓	✓	3 alarms	✓	✓	Black	1 "AAA"	99.99



\*Processing and paging service fees required. Local pagers and service are not available in all areas, see store for details. Service provided by PageMart™. Due to size, weight or other restrictions, items on this page may be unavailable for gift packaging, delivery or may require special handling. Please contact store or call 1-800-THE-SHACK for details. Pronto, Express Xtra FLX and Wordline are trademarks of Motorola Corporation. FX is a trademark of Udenlen Corp.



**New Alphanumeric pager with easy-to-read scrolling display**

**Wordline FLX™.** Great for business on the go! Subscribe to alphanumeric or numeric-only service (as low as \$6.95.) Both services provide news, sports and weather information—displayed on your pager readout! 18-character alphanumeric display scrolls for full-length messages. 16-message memory with time/day/date displayed for each. Choose from 8 tone alerts or discreet vibrating alert. Alarm clock with 3 time settings. Memory backup preserves messages when you change batteries. Requires 1 "AAA" battery.

17-9026 ..... 99.99\*



## Keep in Touch Across the Country—and Beyond

RadioShack and PageMart have teamed up to offer you a big selection of the latest FLEX pagers for fast, reliable messaging—no matter where you go. You get coverage in the United States and beyond—including Central America, Puerto Rico, the Virgin Islands and the Bahamas. Plus, you can take advantage of value-added features, such as:

**Flex Technology**—provides longer battery life and sends pages at a higher transmission speed, enabling you to receive your pages faster.

**One Frequency**—take your new RadioShack pager with you when you move! PageMart is in all 50 states and covers 90% of the total population.

**OmniRoam and InfoRoam**—take that vacation or business trip without interruption in paging service! Just a simple phone call is all it takes to have your coverage immediately changed to the location you are visiting. Includes numeric retrieval.

**Numeric Retrieval**—allows you to retrieve your messages when you are out of your coverage area.

**No service fees to pay! Portable paging system with up to 2-mile range!**

Ideal for warehouses, construction sites, small businesses and affordable enough for family use! Powerful 7-watt transmitter provides up to 2-mile range with the included antenna. (Add an outdoor CB antenna for even wider coverage.) Easily expandable—transmitter can send a signal to as many as 100 receivers and provides 10 message codes. Receiver has LED display, message code memory and low-battery indicator. One pocket receiver (with tone-only alert) included. (TSP)

17-6020 ..... 99.99

Extra receiver. Tone and vibration alerts.

17-6022 ..... 49.99

FLEX is a trademark of Motorola. Wordline is a trademark of Motorola Corporation



**Bungie cords.** Extends to a full 24" so you can comfortably grab and handle your pager without detaching it from the protective cord. Attach small bungie clip to pager and the large clasp to clothing or purse.

Each coiled, 9.99. Straight, 7.99



Color	Description	Cat. No.
Black	24" coiled cord	17-661
	24" straight cord	RSU 11669959
Teal	24" coiled cord	17-662
	24" straight cord	RSU 11669983
Grape	24" coiled cord	RSU 11448933
	24" straight cord	RSU 11669967
Cranberry	24" coiled cord	17-664
	24" straight cord	RSU 11669975



**Pager cases.** Protect your pager with a stylish leather holster that clips to your belt. Keeps your pager secure and protects it from falling or being damaged. You can find a case to fit your pager in the RadioShack Unlimited in-store catalog. Each 9.99

For Pager Model	Cat. No.
Bravo	RSU 11451572
EZ	RSU 11660602
XLT/Amigo	RSU 11660628
Ultra Express	RSU 11660594
Tracker	RSU 11660610
Octiva	RSU 11660636
LS/FX	RSU 11660644
Alpha	RSU 11660651
Pronto	RSU 11660586

**Safety chains.** Prevents pager from being accidentally dropped. Each chain has a swivel clip to attach to the pager and a large clasp to hook to a belt loop or button. 8 inches long. A variety of styles. Each Small, 6.99 Med./Large, 7.99

Fig. No.	Description	Cat. No.
1	Medium Curb Gold	17-655
	Medium Curb Black	17-656
2	Small Figaro Gold	RSU 10274165
	Small Figaro Black	RSU 10436186
	Large Figaro Gold	RSU 10436269
	Large Figaro Black	RSU 10436277
3	Medium Gucci Gold	RSU 10274173
	Medium Gucci Black	RSU 10436210
	Large Gucci Gold	RSU 10436244
	Large Gucci Black	RSU 10436251
4	Small Cable Gold	RSU 10436194
	Small Cable Black	RSU 10436202



# Hear Your Local Heroes at Work, and Lots More



- Police ■ Firefighters ■ Sheriff ■ State troopers
- Paramedics ■ Amateur radio storm spotters

If you watch the real-action law enforcement programs on TV, you'll enjoy listening to local 2-way radio with a scanner. No license or special knowledge is required. After initial programming, you simply turn on a scanner to listen in. Use a scanner at home, in a vehicle\* or take a handheld scanner and monitor exciting communications at:

- Car races ■ Air shows ■ Sports and other events

Scanners receive local 2-way radio. Depending on your area, you can hear railroads, aircraft, unedited news reports hours before they're on radio or TV, traffic reports direct from helicopters, security guards, weather and more. With a RadioShack scanner, you'll hear breaking news as it happens, and many times you'll hear the entire story.

## A Whole New Kind of Scanner!

**New** Rechargeable 300-channel scanner follows desired conversations on most 800MHz trunked police/fire radio systems used in major cities

**PRO-90.** A revolutionary advance in scanning! Now you can easily follow conversations on trunked radio systems in which many city services such as police, fire, animal control and street repair share the same set of frequencies. You can even identify and monitor specific subgroups such as police investigations or fire-scene communications. A trunk search mode helps you find groups and lock out undesired ones. The PRO-90 is a great conventional scanner, too, with **triple conversion** to virtually eliminate image-type interference plus data skip and search skip to stop annoying lockups during searches. You get service search for preset police, fire, air, marine and weather frequencies; 10 priority channels; and display backlight with auto-shutoff. Includes rechargeable battery, AC adapter/charger, detailed operating manual, and a trunked frequency list for major cities. (TSP) **20-520** ..... **299.99**

**Frequency Coverage:** 29-54, 108-174, 406-512, 806-824, 849-869, 894-960MHz. **Jacks:** Earphone, external antenna (BNC), external DC power/charger. **Power:** included rechargeable Ni-Cd battery pack and included AC adapter/charger or add DC adapter #270-031. **Size:** 6½x2½x1¼". **Includes:** Detachable belt clip, flexible antenna.

**Deluxe imported glove-leather case.** With leather-clad belt clip. A perfect fit for your PRO-90 scanner. **20-062** ..... **19.99**

VHF Lo/Hi UHF

VHF-Air

800MHz

See below for what you'll hear!

### We'll help you choose a scanner that receives the action bands you want to hear

Radio frequencies are measured in Megahertz (MHz) and the radio spectrum is divided into ranges of frequencies called *bands*. RadioShack scanners can be divided into four major categories according to the bands they receive. To get the bands you want, see the color-coded boxes that appear next to each scanner on the following pages. Frequencies vary by area. Your local RadioShack will have a list of key frequencies. For complete listings by region, see the "Beyond Police Call" scanner books on page 57.

<b>VHF Lo/Hi UHF</b>	Police, fire, sheriff, ambulances in smaller cities/towns. State police. Railroads. VHF-marine. 2-meter and 70cm Ham. Businesses. NOAA weather. Government.	<b>800MHz</b>	Police, fire and emergency services in major cities and metro areas (trunked). Some business 2-way radio systems. (By law, cellular frequencies blocked.)
<b>VHF-Air</b>	Commercial and private planes. Airport towers. Aviation-related communications. Air navigation.	<b>Extended Coverage</b>	Military aircraft. 220MHz Amateur radio. 1296MHz Amateur radio. Some wireless microphones. Some radio/TV remote links. Microwave communications.

29MHz   54MHz   108MHz   137MHz   174MHz   406MHz   512MHz   806MHz   960MHz   1300MHz

VHF Lo	Extended Coverage	VHF Air	VHF Hi	Extended Coverage	UHF	(UHF-TV channels 21-69)	800MHz	Extended Coverage
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\*Mobile use of a scanner may be unlawful in some areas or may require a permit. Check with local authorities.

# Take Along a Scanner!

Take a handheld scanner and you'll have more fun at car races, air shows, sports events and vacation spots. Hear race drivers, pit crews, pilots and security personnel. Listen to local police, firefighters, airports, railroads and business communications wherever you go.

## New 400-channel scanner has interference-fighting triple conversion and stores frequencies automatically

**PRO-64.** Triple-conversion design virtually eliminates reception of image frequencies—cuts annoying interference. Auto store feature quickly finds and stores up to 400 active frequencies while preventing duplications—great for travel. Plus, you can search for new and unlisted frequencies in 17 preset ranges or ranges you set. 40 monitor memories hold frequencies found during search for transfer to main memory. Duplicate frequency indicator. 10 priority channels. One-touch weather. Display backlight. Memory backup. (TSP) **20-564 . . . . . 299.99**

**Deluxe soft case. 20-060 . . . . . 19.99**  
**Frequency Coverage:** 29-54, 108-174, 380-512, 806-824, 849-869, 894-960MHz **Jacks:** Earphone, external antenna (BNC), ext. DC power, charger. **Power:** Requires 6 "AA" alkaline or rechargeable batteries or adapter: AC #273-1665, DC #270-1560. **Size:** 5 1/4" x 2 1/2" x 1 1/4".

See page 54 for what you'll hear!

- VHF Lo/Hi UHF
- VHF-Air
- 800MHz

### Scanning and the law

A scanner radio receives the communications of many groups including police and firefighters, ambulances, railroads and aircraft, Coast Guard, military, businesses, Amateur Radio operators and more. It's legal to listen to almost everything your scanner can receive. However, there are some communications you should never intentionally monitor. These include:

- Telephone conversations (cellular or cordless)
- Pager transmissions
- Any scrambled or encrypted transmissions

According to Federal law (the Electronic Communications Privacy Act), you are subject to fines and possible imprisonment for intentionally listening to, using, or divulging the contents of such a transmission unless you have the consent of a party to the communication (unless such activity is otherwise illegal). RadioShack encourages responsible and legal scanner use.



- Soft case
- VHF Lo/Hi UHF
- VHF-Air
- 800MHz

See page 54 for what you'll hear!



- VHF Lo/Hi UHF
- VHF-Air
- 800MHz

See page 54 for what you'll hear!

## New Triple-conversion 200-channel scanner has "smart" search features

**PRO-67.** Triple-conversion design cuts image-type interference. You can search preset air, fire, marine and weather frequencies or the ranges you set. Search skip lets you set up to 20 frequencies to avoid and data skip prevents lockups on non-voice signals. Monitor memory stores up to 10 frequencies found during searches for transfer to main memory. Up to 100 and 300 step-per-second HyperSearch. 10 priority channels. Display backlight. Memory backup. (TSP) **20-512 . . . . . 279.99**

**Deluxe soft case. RSU 11943545 . . . . . 19.99**  
**Frequency Coverage:** 29-54, 108-174, 406-512, 806-823 9375, 851-868 9375, 896-1125-956MHz **Jacks:** Earphone, external antenna (BNC), ext. DC power, charger. **Power:** Requires 4 "AA" alkaline or rechargeable batteries or adapter: AC #273-1665, DC #270-1560. **Size:** 5 1/4" x 2 1/2" x 1 1/4".

## 60-channel scanner has search skip and one-touch weather

**PRO-29.** A super value, with the buttons you use most—scan and manual—made large for easy handheld operation. Search finds active new and unlisted channels. You can set up to 30 frequencies to avoid during searches. Priority mode checks your favorite channel every 2 seconds. Automatic scan delay helps you hear more replies. Key-lock button. Display backlight. Low-battery alert. Memory backup. Was \$219.99 in '97 catalog. (TSP) **20-509 . . . . . New Low Price! 199.99**

**Deluxe soft case. RSU 10508026 . . . . . 19.99**  
**Frequency Coverage:** 29-54, 108-174, 406-512, 806-823 9375, 851-868 9375, 896-1125-956MHz **Jacks:** Earphone, external antenna (BNC), ext. DC power, charger. **Power:** Requires 4 "AA" alkaline or rechargeable batteries or adapter: AC #273-1665, DC #270-1560. **Size:** 6 1/4" x 2 1/2" x 1 1/4".



**50 channels plus band search to zero in on "hot" frequencies fast**

**PRO-70.** Listen at home or take it along—band search for 10 preset frequency ranges makes it easy to find the active frequencies. HyperScan 25-channel-per-second scanning, HyperSearch 50-step per second search. One-touch weather. (TSP) 20-310 ..... 149.99

**Frequency Coverage:** 29-54, 137-174, 380-512MHz. **Power:** Requires 6 "AA" batteries or rechargeable battery pack #23-288 and AC or DC adapter (see chart below). **Jacks:** ear-phone, antenna (BNC), external power/charge. **Size:** 6 1/4" x 2 1/4" x 1 1/4".

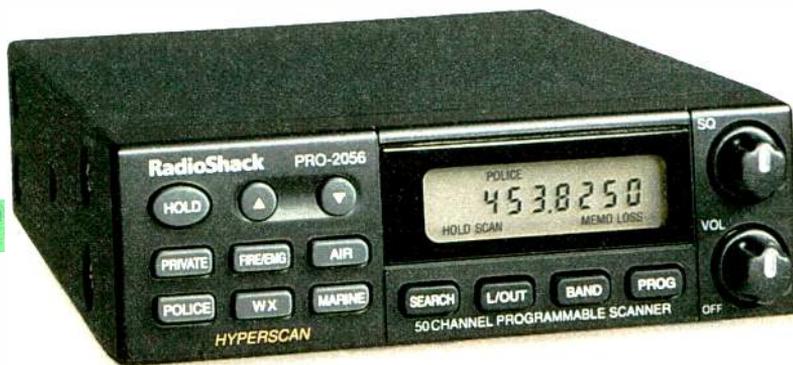
**Deluxe soft-leather carry case for above.** Fine glove leather case is a perfect fit. Leather-clad belt clip for on-the-go duty. **RSU 11639259** ..... 19.99

**30 channels and handy "smart" search features at a bargain price**

**PRO-28.** Band search lets you select from seven preset bands and start a search with the touch of a button. Search skip lets you program up to 20 frequencies to avoid during a search—helps prevent annoying lockups on undesired signals such as pager tones. One-touch NOAA weather. Audible low-battery alert. (TSP) 20-508 ..... 139.99

**Frequency Coverage:** 29-54, 137-174, 406-512MHz. **Power:** Requires 4 "AA" batteries or Ni-Cd battery pack and AC or DC adapter (see chart below). **Jacks:** earphone, antenna (BNC), external power, charge. **Size:** 6 1/4" x 2 1/4" x 1 1/4".

**Deluxe soft-leather carry case for above.** Fine glove leather. **RSU 11465465** ... 19.99



VHF Lo/Hi UHF

VHF-Air

See page 54 for what you'll hear!

**New Complete mobile package! Preprogrammed 50-channel scanner, mobile antenna, power adapters, even a frequency list**

**PRO-2056.** Super-compact and ready to use right out of the box. Just touch buttons to scan preprogrammed police, fire/emergency, VHF aircraft, marine and weather frequencies. You also get a "private" scan bank that holds 20 channels you program, band search in 11 preset frequency ranges, and 30 additional programmable channels. HyperSearch looks for active new and unlisted frequencies at 100 steps per second. HyperScan scans programmed channels at 50 channels per second. Lockouts let you bypass any channel during scanning. Scan delay briefly holds channels after transmissions end so you don't miss replies. (TSP) 20-147 ..... 139.99

**Frequency Coverage:** 29-54, 108-174, 380-512MHz **Power:** DC power cord, lighter-socket adapter and home AC adapter all included. **Jacks:** antenna (BNC), external speaker, power. **Size:** 1 1/4" x 5 1/4" x 7"

**PRO-2056 includes extras that don't cost extra!** Mobile mounting bracket, mobile and telescoping antennas, DC power cord, lighter-socket power cord, home AC power adapter, owner's manual, plus frequency listings for major cities are included at no extra charge.



Ambulances



Aircraft



Police and Fire



VHF-Marine

**Great for travel! 100 channel scanner with 800MHz and VHF-air bands explores preset action frequencies**

**PRO-2046.** Helps keep your eyes on the road. Just touch buttons to search preset 800MHz police/fire, weather, DOT, highway and VHF police frequencies. Also provides band search in 14 preprogrammed frequency ranges and HyperSearch direct search—up to 300 steps per minute. During search, data skip and 20 programmable search skip frequencies help prevent lockups on undesired signals. Mounts under dash with included bracket or in the car stereo dash opening in many vehicles (some dash adaptation may be required). (TSP) 20-149 ..... 229.99

**Frequency Coverage:** 29-54, 108-174, 406-512, 806-823.9375, 851-868.9375, 896.1125-956MHz. **Power:** 12VDC neg. gnd. or AC adapter #273-1652. **Jacks:** antenna (BNC), external speaker, power. **Size:** 1 1/4" x 7 1/4" x 7 1/4"



VHF Lo/Hi UHF

VHF-Air

800MHz

See page 54 for what you'll hear!

**Features and frequency coverage of RadioShack handheld and mobile scanners**

Model	Cat. No.	Page No.	Programmable Memory	Conversion System	Frequency/Band Coverage					Trunk Track Mode	One Touch Weather	Band and Service Search	Channels/Steps Per Second		Batteries Required	AC Adapter	DC Adapter	Price
					VHF Lo	VHF Air	VHF Hi	UHF	800 MHz				Scan Speed	Search Speed				
PRO-28	20-508	56	30 channels	Dual	✓		✓	✓			7 bands	15	20	4 "AA"	273-1652	270-1533	139.99	
PRO-70	20-310	56	50 channels	Dual	✓		✓	✓			10 bands	25	50	6 "AA"	273-1665	270-1560	149.99	
PRO-29	20-509	55	60 channels	Dual	✓	✓	✓	✓	✓		WX	15	20	4 "AA"	273-1665	270-1560	199.99	
PRO-67	20-512	55	200 channels	Triple	✓	✓	✓	✓	✓		4 bands	50	100/300	4 "AA"	273-1665	270-1560	279.99	
PRO-64	20-564	55	400 channels	Triple	✓	✓	✓	✓	✓		17 bands	25	50	6 "AA"	273-1665	270-1560	299.99	
PRO-90	20-520	54	300 channels	Triple	✓	✓	✓	✓	✓	✓	5 bands	50	100/300	Ni-Cd included	Included	270-031	299.99	
PRO-2056 Mobile	20-147	56	50 channels	Dual	✓	✓	✓	✓			17 bands	50	100	N/A	Included	Included	139.99	
PRO-2046 Mobile	20-149	56	100 channels	Dual	✓	✓	✓	✓	✓	✓	14 bands	50	100/300	N/A	273-1652	Built in	229.99	

SCANNER ACCESSORIES

See next page.



**Extension speaker brings the sound up close.** Mobile/home use. 4" driver. 10-ft. cord, 1/8" plug, mounting bracket. **21-549 . . . . . 14.99**

**Amplified mobile extension speaker.** 7.5W amp for extra volume. Automatic power on/off. 12VDC. **21-541 . . . . . 24.99**



**Lapel speaker.** Monitor scanner carried on your belt. Clips to clothing. Coiled cord with 1/8" plug. **20-009 . . . . . 9.99**



**Communications headset.** Comfortable, lightweight monaural headset for CB, scanner, SW, Ham radios. Has 1/8" plug, 1/4" adapter. **20-210 . . . . . 9.99**



**Closed-cup headset ideal for scanner listening.** Great for air shows, car races, events. Comfortable earcups seal out noise. 1/8" plug, 1/4" adapter. **20-282, 19.99**



**Antenna window mount.** Suction cups mount scanner's or talkie's flex antenna on glass. For car, home, travel. 6-ft. cord with BNC plug. **20-022, 11.99**



**Clip-on antenna mount.** Same as 20-022 with window clip instead of suction cups. **20-023 . . . . . 14.99**



**Signal preamp for base scanners.** 100-1000MHz. Adjustable gain. BNC jacks. Req. 9V batt. or AC adapter. **RSU 10456143 . . . . . 74.99**



**Signal preamp for handheld scanners.** Boosts weak signals. Same specs as left. Requires 9V battery. **RSU 10456150 . . . . . 64.99**



**Nail-in mounting clips for coax cable.** For RG-58 coax cable. **Black, 278-1660 . . . . . 10/99¢**  
**White, 278-1659 . . . . . 10/99¢**  
**Black.** For RG-8. **278-1661 . . . . . 6/99¢**



**Rechargeable battery pack.** For many RadioShack handheld scanners. Includes charging stand. Requires #273-1665 AC adapter/charger, below. **23-288 . . . . . 34.99**



**AC adapter/charger for handheld scanners.** 9VDC, 300mA. See chart on facing page for current scanners that use this adapter. **273-1665 . . . . . 7.99**



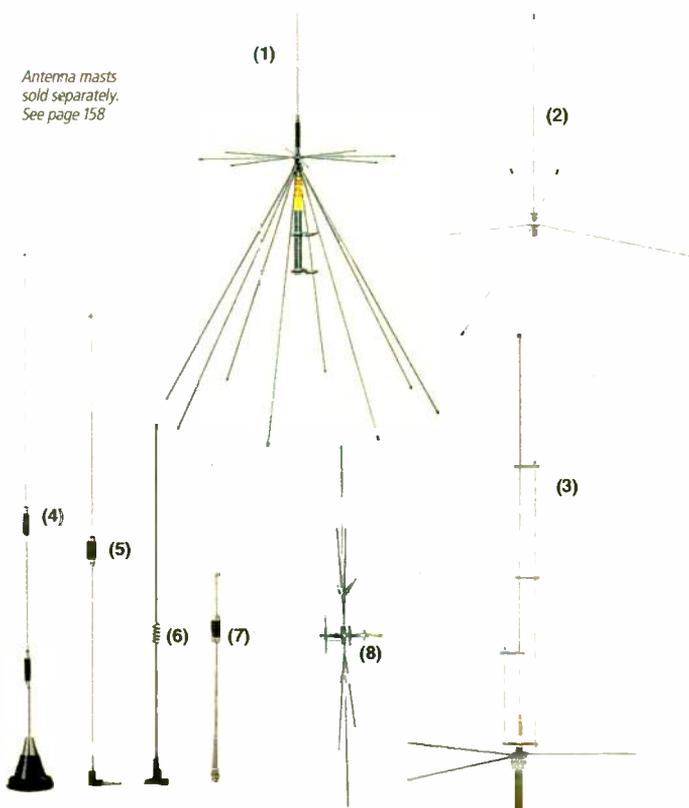
**Carry case for compact handheld scanners.** Also for walkie-talkies, cellular phones. Padded, heavy-duty belt loop, adjustable strap. **20-024 . . . . . 12.99**

**Universal carry case.** For larger scanners, talkies, phones. **20-004 . . . . . 12.99**

**Antenna plug adapters**



- (1) Accepts Motorola. Fits BNC. **278-117 . . . . . 3.59**
- (2) Accepts PL-259 plug. Fits Motorola jack. **278-208 . . . . . 1.99**
- (3) Accepts BNC plug. Fits Motorola jack. **278-160 . . . . . 3.29**



Antenna masts sold separately. See page 158

## Hear more and hear much farther—get an external antenna for your scanner radio

- (1) **New Outdoor scanner/Ham discone antenna.** Our best! Omnidirectional, rugged stainless steel construction, wide 25-1300MHz receive coverage. Also for transmitting on 50, 144, 220, 440, 900 and 1296MHz Ham bands. Resonator and tunable whip for best 50MHz performance. About 44" high, overall. Fits mast up to 1 1/2" diameter. Accepts PL-259 connector. **20-043 . . . . . 59.99**
  - (2) **Outdoor VHF-Hi/UHF scanner antenna.** Chrome-plated brass vertical element. Covers 108 to 1300MHz with peak performance in 152-470MHz range. About 20" high. Accepts PL-259 connector. **20-176 . . . . . 19.99**
  - (3) **Outdoor all-band ground plane antenna.** Three vertical elements. 30 to 1300MHz coverage. About 6 feet high. Accepts PL-259. **20-014 . . . . . 34.99**
  - (4) **Magnet-mount\* mobile scanner antenna.** 25 to 1300MHz. About 36" high. Includes 16-ft. cable with Motorola-type connector. **20-012 . . . . . 29.99**
  - (5) **Indoor scanner antenna.** 30 to 512MHz. Extends to 40". (Use plug adapter #278-117 for scanners that have BNC connector.) **20-161 . . . . . 9.99**
  - (6) **Mobile "cellular look-alike" glass-mount scanner antenna.** No holes to drill. Easily installs on windshield or window. Covers 25 to 1300MHz. 22"-high element. Includes 16-foot cable with BNC connector. **20-011 . . . . . 29.99**
  - (7) **Center-loaded telescoping whip antenna.** For handheld scanners and Amateur radio transceivers. Receives 25 to 1300MHz. Also for transmitting on 144, 220, 440MHz Ham bands. Nine sections. BNC connector. **20-006 . . . . . 9.99**
  - (8) **New Outdoor scanner antenna with 50-ft. coax cable.** Ready to install. Omnidirectional multi-element dipole with broadband receive coverage: 25-1300MHz. About 100"-high overall. Fits mast to 1 1/2" diameter. **20-042 . . . . . 39.99**
- \*Magnetic-mount antennas are not recommended for use on vinyl roofs.

## Ready-to-use coax cable assemblies



For home or mobile antenna and equipment hookups.

Length	Connectors	Cable	Cat No.	Each
2 ft.	PL-259 (plug) both ends	RG-58	278-968	<b>4.99</b>
5 ft.	PL-259 both ends	RG-8	278-969	<b>8.19</b>
6 ft.	PL-259 to S0-239 (socket)	RG-58	278-975	<b>6.99</b>
10 ft.	PL-259 both ends	RG-8M	278-979	<b>9.99</b>
20 ft.	PL-259 both ends	RG-58	278-967	<b>7.99</b>
20 ft.	PL-259 to spade lugs	RG-58	278-966	<b>7.99</b>
50 ft.	PL-259 both ends	RG-58	278-971	<b>14.99</b>
50 ft.	PL-259 both ends	RG-8	278-980	<b>34.99</b>



**"Beyond Police Call" scanner frequency list books.** Expanded! In addition to frequencies for police, sheriff, fire and ambulance, they include race car teams, security, amusement parks, casinos, hotels, and more. Available in 9 regional editions. . . . . **Each 12.99**

Vol	States Covered	Cat No
1	CT, ME, MA, NH, NY, RI, VT	62-1061
2	DE, MD, NJ, PA	62-1062
3	MI, OH	62-1063
4	IL, IN, KY, WI	62-1064

Vol	States Covered	Cat.No
5	IA, KS, MN, MO, NE, ND, SD	62-1065
6	DC, FL, GA, NC, SC, VA, WV, PR	62-1066
7	AL, AR, LA, MS, OK, TN, TX	62-1067
8	AZ, CO, ID, MT, NM, NV, WY, UT	62-1068
9	CA, OR, WA	62-1069



## Aviation frequency guide

Lists HF, VHF and UHF aviation frequencies used in the USA, alphabetically by community. Includes allocation charts and designations. More than 400 pages. **RSU 10037877 . . . . . 21.99**

## Marine frequency guide

Lists HF, VHF and UHF frequencies used by the U.S. Navy, Coast Guard and others. More than 400 pages. **RSU 10037885 . . . . . 24.99**





VHF Lo/Hi UHF  
VHF-Air  
800MHz  
Extended Coverage

See page 54 for what you'll hear!

**1,000 channels, triple conversion, advanced auto-store**

**PRO-2042.** Extended coverage to 1,300MHz, including military aircraft, 220 and 1,296MHz Ham bands. Triple conversion and RF attenuator switch cut IMD and image interference. Explore with rotary tuning, scan or search. During search, sound squelch and lockouts prevent lockups on undesired signals. Advanced auto-store loads active frequencies into memory while preventing duplications. Auto sort, 100-channel monitor memory, lockout review, HyperScan™, one-touch weather. Was \$499.99 in '97 Catalog. (TSP) **20-464.** . . . . . **New Low Price! 399.99**

**Frequency Coverage:** 25-520, 760-823.995, 849.005-868.995, 894.005-1300MHz **Power:** UL listed AC or vehicle DC cord #270-1533 (not incl.). **Jacks:** Ext. antenna (BNC), DC, speaker; tape-out; headset. **Includes:** Detachable antenna. **Size:** 3 1/4 x 9 1/2 x 8 1/2"

# Hear the News as It Happens

An easy-to-use RadioShack scanner radio lets you listen in on the men and women who protect your community.



Police and Sheriff



State Troopers



Paramedics



Firefighters

**And that's only the beginning!** Depending on your area, you can hear the fascinating communications of security guards, railroads, aircraft, ships, Hams, businesses, military, even TV and radio news crews. Sound exciting? Then come to RadioShack and try a scanner. We have one ideal for your listening interests.

**New 400-channel home scanner has interference-fighting triple conversion and band search**

**PRO-2041.** Triple-conversion design cuts interference and virtually eliminates reception of image frequencies. You can search for new and unlisted frequencies in 17 preset ranges or in the frequency ranges you set. 40 monitor memories hold frequencies you find during searches for easy transfer to main memory. Auto-store quickly finds and automatically stores up to 400 active frequencies while preventing duplications. Sort feature automatically arranges frequencies in consecutive order for faster scanning. 10 priority channels. One-touch weather. Switchable 10dB RF attenuator. (TSP) **20-463.** . . . . . **299.99**

**Frequency Coverage:** 29-54, 108-174, 380-512, 806-824, 849-869, 894-960MHz. **Power:** UL listed AC or add vehicle DC cord #270-1533 (not incl.). **Jacks:** Ext. antenna (BNC), power, speaker/headset. **Includes:** Detachable indoor antenna. **Size:** 3 1/4 x 8 1/2 x 6 1/2"

**100 channels, high-speed search with handy "smart" search features**

**PRO-2040.** Search for new or unlisted channels at up to 300 steps per second. During search, data skip and 50 programmable search lockouts prevent lockups on undesired signals. The memory is arranged in 10 banks of 10 channels each—lets you group channels for selective scanning. 10-channel monitor memory stores frequencies found during search for easy transfer to main memory. HyperScan 50-channel-per-second scanning. Priority channel. One-touch weather. (TSP) **20-414.** . . . . . **229.99**

**Frequency Coverage:** 29-54, 108-174, 406-512, 806-823.9375, 851-868.9375, 896-1125-956MHz. **Power:** UL listed AC adapter or DC cord #270-1533 (not incl.). **Jacks:** Ext. antenna (BNC), power, speaker/headset. **Includes:** Detachable indoor antenna. **Size:** 2 1/2 x 7 1/2 x 7 1/2"



VHF Lo/Hi UHF  
VHF-Air  
800MHz

See page 54 for what you'll hear!



VHF Lo/Hi UHF  
VHF-Air  
800MHz

See page 54 for what you'll hear!

**SCANNER ACCESSORIES**

See page 57 for these items.

- Antennas • Amplifiers • Coax Cable • External Speakers
- Frequency Listing Books • Headphones • Plug Adapters





**80-channel scanner with one-touch weather also lets you listen to pilots and airports**

**PRO-2044.** Covers VHF-air band in addition to VHF/UHF "action" channels. HyperScan provides fast 50-channel-per-second scanning. HyperSearch looks for active new/unlisted frequencies at up to 300 steps per second. During search, data skip prevents lockups on non-voice signals while search skip lets you program up to 20 frequencies to avoid. Band search in 8 preset frequency bands plus direct search. A 10-channel monitor memory makes it easy to store frequencies found during search. 10 priority channels, one-touch NOAA weather radio, scan delay to prevent missed replies. Fold-down stand raises scanner for best viewing angle. (TSP) **20-416** ..... **189.99**

**Frequency Coverage:** 29-54, 108-174, 406-512MHz. **Power:** Included UL listed AC adapter or vehicle DC cord #270-1533 (not included) **Jacks:** External antenna (BNC), power, headphone/external speaker **Includes:** Detachable indoor antenna **Size:** 2 1/4 x 7 1/4 x 7 1/4"



VHF Lo/Hi UHF

VHF-Air

See page 54 for what you'll hear!



VHF Lo/Hi UHF

See page 54 for what you'll hear!

**30 channels, plus handy extra features like search skip and three priority channels**

**PRO-2043.** Search skip lets you program up to 20 frequencies to avoid during searches. You can also program up to three priority channels so you'll hear more calls on them. Simply touch a button for NOAA weather radio. Memory is arranged in three banks of 10 channels each—allows you to group channels by service, such as police or fire, for selective scanning. Scan delay holds channels for two seconds after transmissions end so you hear more replies. (TSP) **20-415** ..... **119.99**

**Frequency Coverage:** 29-54, 137-174, 406-512MHz **Power:** Included UL listed AC adapter **Jacks:** External antenna (Motorola-type jack), power input, headphone/external speaker. **Includes:** Detachable indoor antenna **Size:** 2 1/4 x 9 1/4 x 6 1/4"

**Our smallest home scanner! 50 channels, band search, one-touch search of weather frequencies**

**PRO-2014.** Big on performance—HyperScan 25-channel-per-second scanning, HyperSearch 50-step-per-second search. Monitor memory makes it easy to store a frequency found during direct search. You also get handy band search for 10 preset frequency segments, "no duplicated frequency" programming, one-touch search of 10 weather frequencies, scan delay and lockouts selectable for each memory channel. (TSP) **20-420** ..... **139.99**

**Frequency Coverage:** 29-54, 137-174, 380-512MHz **Power:** Included UL listed AC adapter **Jacks:** External antenna (Motorola-type jack), power. **Includes:** Detachable indoor antenna. **Size:** 2 1/4 x 8 1/4 x 6 1/4"

**There's a RadioShack home scanner radio with the features you want!**

Model No.	Cat. No.	Programmable Memory	Frequency/Band Coverage						Channels/Steps Per Second		NOAA Weather	Band Search	LCD Display	Conversion System	Price
			VHF Low	VHF Air	VHF Hi	UHF	Military Aircraft	800 MHz	Scan Speed	Search Speed					
PRO-2043	20-415	30 channels	✓		✓	✓			15	20	1-touch	7 bands	8-digit	Dual	119.99
PRO-2014	20-420	50 channels	✓		✓	✓			25	50	1-touch	10 bands	9-digit	Dual	139.99
PRO-2044	20-416	80 channels	✓	✓	✓	✓			50	300/100	1-touch	8 bands	9-digit	Dual	189.99
PRO-2040	20-414	100 channels	✓	✓	✓	✓		✓	50	300/100	1-touch		10-digit	Dual	229.99
PRO-2041	20-463	400 channels	✓	✓	✓	✓		✓	25	50	1-touch	17 bands	10-digit	Triple	299.99
PRO-2042	20-464	1000 channels	✓	✓	✓	✓	✓	✓*	50	50	1-touch		12-digit	Triple	399.99

\*Extended coverage to 1300MHz



## RadioShack is #1 in CB Radio

RadioShack sells more CBs than anyone. We have a big selection in all price ranges, everything in accessories, and friendly experts to help you. Plus, with over 6,700 locations in the USA, our fast service and quality products are nearby wherever you travel.

**New Two-way digital noise reduction! This 40-channel mobile CB is easier on the ears**

**TRC-498.** Full-power CB has a built-in DSP (Digital Signal Processor) that dramatically improves received audio quality. You can use it two different ways: (1) Select the noise-reduction mode to cut background static—this is particularly helpful when you are talking to a weak or distant CB radio; (2) Select the tone reduction mode to virtually eliminate annoying whines and whistles on a crowded CB channel. DSP can be switched in or out as needed. You also get an RF gain control to eliminate overload and distorted sound from a nearby CB, easy-to-read 4-step LED signal power meter, and channel 9 priority switch for instant access to the CB emergency channel. Jacks let you add optional PA (public address) and external speakers. Like all of our mobile CBs, it comes with a high-quality microphone, mounting hardware, fused DC power cord and instructions. 1 $\frac{1}{2}$ "x5 $\frac{3}{8}$ "x8 $\frac{1}{8}$ ". (TSP) 21-1598 ..... 149.99

### Mobile CBs with a built-in Weatheradio®



### Full power, all 40 channels, handy on-mic channel selector plus dual watch—it's like having two CBs

**TRC-496.** A built-in 10-channel Weatheradio keeps you informed of weather conditions wherever you drive. Easy-to-use *pushbutton* features help you keep your eyes on the road. Dual watch lets you listen to one channel while the CB monitors another one. If the second channel becomes active, the CB switches to it automatically—a great way to monitor CB emergency channel 9. Channel scan searches through all 40 CB channels and stops for active ones. And clear-channel scan lets you switch to the next open CB channel with one touch. You also get a priority button for instant access to CB channel 9 or 19, pushbutton selection of two favorite channels with your preferred settings, easy-to-read backlit display, RF and mic gain buttons for best reception and clearest transmission, noise blander and automatic noise limiter (ANL) to cut ignition noise, and jacks for adding PA and external speakers. 1 $\frac{1}{2}$ "x6" x 7 $\frac{1}{8}$ "x6 $\frac{1}{8}$ ". (TSP) 21-1597 ..... 119.99

Weatheradio is a registered trademark of RadioShack/Tandy Corp.

### Why drive "alone"? CB and REACT can bring you help in a hurry

REACT is a non-profit organization of trained volunteers who monitor the official CB emergency channel 9. Each year REACT assists thousands of motorists with road directions and emergency communications. However, sometimes REACT is unable to help because the caller fails to provide vital information. In case of emergency, REACT recommends that you select CB emergency channel 9 and broadcast the basic details—WHO, WHERE and WHAT—over and over. WHO is a description of your vehicle: make and model, color, license number. WHERE is your exact location: street or highway along with an address, intersecting road, mile post number, nearby landmark or building. WHAT is the type of problem.



### Emergency?

Broadcast key details over and over (WHO • WHERE exactly • WHAT) without regard for a reply

REACT International, Inc. P.O. Box 998  
Wichita, KS 67201 (316) 263-2100



### Full-power, 40-channel CB alerts you when severe weather is on the way—wherever you drive

**TRC-487.** When this CB is on and the local weather station sends its alert signal, you hear a beep and WX ALERT indicator lights. To get details on the alert or to hear weather information anytime, just flip a switch. Receives seven U. S. and three international weather frequencies. Automatic noise limiter (ANL) reduces interference from vehicle electrical systems and accessories. Red LED channel display is easy to read in low light or direct sunlight. Transmit indicator light, jack for adding external speaker, detachable dynamic microphone. 1 $\frac{1}{2}$ "x5 $\frac{3}{8}$ "x7 $\frac{1}{8}$ ". (TSP) 21-1594 ..... 99.99

#### CB ACCESSORIES

See pages 63-65 for these items:

Antennas • Coax Cable • External Speakers • Power Supply Replacement and Amplified Microphones • Slide Mount • SWR Meters

1-800-THE-SHACK

Call toll-free for the RadioShack location nearest you.





**Deluxe Classic Series mobile CB with microphone gain control, screw-on mic connector, and analog signal/power meter**

**TRC-444.** Handsome chrome detailing, rugged toggle switches and a precise analog signal-strength/power meter add up to classic styling that looks great in your car, pickup, RV or 18-wheeler. Heavy-duty screw-on connector holds mic securely. Mic gain control lets you optimize transmit modulation so your voice comes through crystal clear. Easy-to-read analog signal-strength/power meter has a backlight with dim/bright switch. Dual ceramic filters provide superior selectivity and prevent interference from adjacent channels. Noise blanker cuts interference from nearby electric motors and vehicle ignition. Priority switch gives you instant access to Emergency Channel 9. RF gain control lets you adjust incoming signal strength to prevent overloading. Green LED channel display is easy on the eyes. Jacks for external and public address speakers. 2 1/16 x 6 1/8 x 7 1/16". (TSP) **21-1572** ..... **99.99**



**Compact 40-channel mobile with on-mic channel selector**

**TRC-484.** Convenient microphone up/down channel selector eliminates having to reach down to change channels. Has emergency Channel 9 and 19 priority switch. RF gain lets you adjust signal-strength for best reception. Slimline design fits easily under your dashboard. RX/TX LEDs. Includes fused DC power cord. 1 3/8 x 6 3/8 x 7". (TSP) **21-1556** ..... **79.99**



**Mobile CB has standard AM plus SSB for greater range**

**TRC-485.** Talk with any regular CB and to other SSB CBs when extra range is important. Features dual watch so you can monitor one channel while listening to another. You also get automatic modulation control, automatic gain control, and adjustable RF gain for best reception of weak or strong CBs. External speaker jack. Includes DC power cord and mounting hardware. 2 1/16 x 6 1/16 x 7 1/16". (TSP) **21-1577** ..... **179.99**

# Why Do You Need a CB?

A CB radio in your vehicle brings you an extra measure of safety and convenience. With a CB, you can call for directions or assistance, and keep in touch with family and friends at distances up to several miles. In many areas, volunteer groups like REACT monitor channel 9, the official CB emergency channel. Even if you have a cellular phone, CB is useful when you drive in areas with poor or no cellular phone service—and with CB there are no call charges to pay. CB is great for recreational activities such as camping, fishing, company picnics and hiking. You can chat with other CBers to pass the time on a long trip. **No license is required and there's no age limit.** Anyone can use and enjoy CB, America's Citizens Band.

# RadioShack CB Radios Are Tougher Than Ever

RadioShack CBs have always been tough and built to exacting standards, but now they're even more rugged! All of our CB models undergo rigorous testing and meet high performance standards before they reach our stores. Every RadioShack CB is capable of transmitting for an extended period of time into a shorted or defective antenna—even a missing antenna—without being damaged. Our CBs can perform in temperature extremes from -22°F to +140°F to give you an extra measure of safety while traveling, no matter where you go. And all of our CBs can operate from +11 to +16 volts DC. Go with the undisputed leader in CB—RadioShack.





# Get a CB for Extra Safety, Convenience... and Fun

No license or special skills needed—everyone can use and enjoy CB radio. Get help in an emergency, road directions, or chat with other CBers to pass the time on trips. RadioShack has a super selection and friendly experts to answer all of your questions about Citizens Band radio.

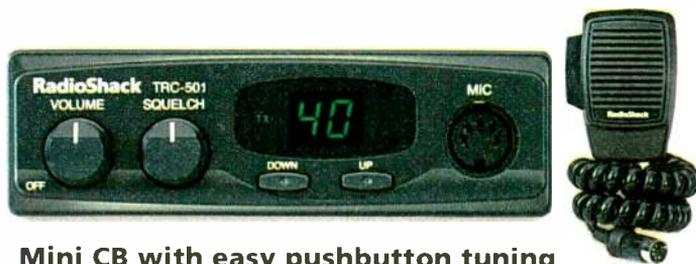
## Road-emergency CB system sets up quickly and is so easy, even a child can do it! Includes antenna—nothing else to buy

**TRC-463.** In a matter of seconds, you can be ready to report accidents, or ask information about traffic conditions. CB has full legal power and all 40 channels—yet it's so easy to operate that a youngster could call for help. Just plug CB power cord into vehicle's lighter socket, place the magnet-mount antenna on a metal roof or fender, and it's ready. Features one-touch access to CB emergency channel 9 so you can quickly report emergency situations. Dual ceramic filters give your CB superior selectivity and freedom from adjacent channel interference. Automatic Noise Limiting (ANL) circuit reduces noise caused by nearby electrical equipment such as motors or automotive ignition systems. Automatic modulation control automatically adjusts the transmit level for best communication. Phase-Locked Loop (PLL) tuner uses a single crystal to synthesize all CB frequencies for reliable, accurate tuning. Adjustable squelch helps to cut out background noise. Easy, pushbutton up/down channel selection. Sturdy carrying case holds CB, power cord and antenna when not in use, and fits under most car seats. Note: included antenna is designed for use on a non-moving vehicle. For use in a moving vehicle, add a mobile CB antenna from pages 64-65. (TSP) **21-1558** ..... **69.99**



### Mini-size CB with big features

**TRC-464.** Only 1<sup>1</sup>/<sub>16</sub>×4<sup>1</sup>/<sub>4</sub>×7", it fits easily under the dash of almost any vehicle. Great for emergency help, local information and directions. Provides full legal power, all 40 channels, dual ceramic filters and automatic noise limiter for superior reception, digital channel display and backlit controls, transmit and receive LEDs, jack for adding external speaker. (TSP) **21-1554** ..... **59.99**



### Mini CB with easy pushbutton tuning

**TRC-501.** Full 40-channel-coverage and maximum legal transmit power plus convenient pushbutton up/down channel selector. Dual ceramic filters and automatic noise limiter team up for clear reception. LED channel display and transmit indicator, jack for adding external speaker. 1<sup>1</sup>/<sub>16</sub>×4<sup>1</sup>/<sub>4</sub>×6<sup>1</sup>/<sub>16</sub>". Universal mounting bracket lets you mount your CB securely in your vehicle or on a table or shelf in your home. (TSP) **21-1701** ..... **49.99**

## Choose a mobile/emergency CB with the features you want

All our mobile CB radios come standard with full legal power and 40-channel operation. Many include jacks so you can add an external speaker or a PA speaker to use your CB as a mobile public address system. Some even include a built-in weather receiver to tune in weather reports wherever you drive.

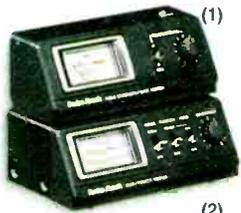
Model No.	Single Sideband	Built-in Weather Receiver	Digital Signal Processor	1-Touch Access to Channel(s)	RF Gain Control	Channel Display	Channel Selector	Automatic Noise Limiter	Ceramic Filter(s)	Transmit/Receive Indicators	Jacks for Speaker(s) External	PA	Microphone Connector	Cat. No.	Price
<b>Mobile CBs</b>															
TRC-501						Green LED	Up/down	✓	2	TX LED	✓		5-DIN	21-1701	<b>49.99</b>
TRC-464						Red LED	Up/down	✓	2	TX/RX LED	✓		5-DIN	21-1554	<b>59.99</b>
TRC-484				9/19	Rotary	Red LED	Rotary	✓	2	TX/RX LED	✓	✓	Modular	21-1556	<b>79.99</b>
TRC-487		✓ +Alert				Red LED	Rotary	✓	4	TX LED	✓		5-DIN	21-1594	<b>99.99</b>
TRC-444				9	Rotary	Green LED	Rotary	✓	2	S/RF meter	✓	✓	4-DIN	21-1572	<b>99.99</b>
TRC-496		✓		9/19	Up/down	Amber LCD	Rotary	✓	2	Bargraph	✓	✓	Modular	21-1597	<b>119.99</b>
TRC-498			✓	9	Rotary	Red LED	Rotary	✓	2	Bargraph	✓	✓	5-DIN	21-1598	<b>149.99</b>
TRC-485	✓			9	Rotary	Amber LCD	Rotary	Switchable	2	Bargraph	✓	✓	5-DIN	21-1577	<b>179.99</b>
<b>Emergency CB</b>															
TRC-463				9		Green LED	Up/down	✓	2					21-1558	<b>69.99</b>

### CB Accessories

See Index for these listings:

Antennas, CB • Automotive Equipment • Fuses • Power Supplies  
Speakers, CB/Scanner Extension, also PA and Outdoor • Wire and Cable





## CB/Ham SWR meters

Why guess? These meters make it easy to adjust antennas for maximum performance on transmit and receive.

- (1) SWR/field-strength meter. 3-30MHz, up to 1000 watts. 21-523 ..... 19.99
- (2) SWR/power meter. 3-30MHz, up to 2000 watts. 21-524 ..... 29.99



(3) **Amplified mobile extension speaker.** Powerful 7.5-watt output provides extra volume needed in vehicles. Great for CB, Ham, business, scanner radios, also cellular phones. Automatic power on/off. Includes 4-ft. hookup cable with 1/8" plug. Requires 12VDC. 21-541 ..... 24.99



(4) **Extension speaker.** For home or mobile CB, Ham, scanner or shortwave radios. Heavy-duty 4" speaker rated 5 watts. Adjustable mounting bracket. 10-ft. cable with 1/8" plug. 21-549 ..... 14.99



**Powerhorn® all-weather speakers.** Rustproof, water and shock resistant. (5) 5" 40-1236 ... 21.99



(6) 8" 40-1239 ... 34.99



(7) **Slide-mount.** CB slides on/off bracket so you can easily remove it from vehicle to prevent theft. 21-566 ..... 19.99



(8) **Magnet-base microphone holder.** 21-1130 ..... 2.99



(9) **Microphone holder.** Keeps microphone within easy reach. 21-923 ... 99¢



(10) **"Hump" mount.** Holds CB securely atop vehicle's transmission hump. Angled for easier viewing and reaching of CB controls. 21-540 ..... 24.99



(11) **12VDC power cable.** 48" long. 3-pin plug. Requires 2-amp fuse. 21-550 ..... 4.99



(12) **Noise-cancelling amplified CB power microphone.** Boosts talk power, helps screen out background noise. Amplifier on/off switch, volume control, coiled cord with 5-pin DIN plug. (Includes data for adapting to other plug styles.) Requires 2 "AAA" batteries. 21-1177 ..... 29.99



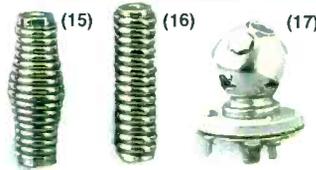
(13) **Dynamic microphone.** Ideal replacement for many CBs. Coiled cord with 5-pin DIN plug. 21-1172 ..... 19.99



(14) **Dummy load.** Ideal for tuning up CB, Ham and other transmitters. Lets you check output into a known 50Ω load. 15W continuous, 100W max. VSWR less than 1.1:1, DC to 500MHz. PL-259 plug. RSU 11269479 ... 21.99



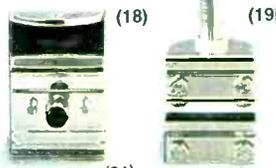
## Antenna mounts, accessories



(15) **Chromed spring.** Fits most mobile antenna mounts, accepts most whips. Removable 1/8" stud. 21-1118 ..... 12.99

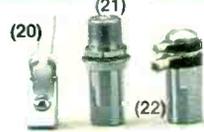
(16) **Slim spring and 1/8" stud.** 21-962 ..... 9.99

(17) **Ball mount.** For mobile antennas. Chromed finish. 21-1115 ..... 12.99



**Hood/trunk CB antenna mount.** RSU 10102895 ... 9.99

**Flat-bumper CB antenna mount.** RSU 10102887 ... 9.99



(18) **Antenna mount for rain gutter.** Chrome-plated. 21-911 ..... 22.99

(19) **Antenna mount for mirror or luggage rack.** 21-937 ..... 9.99

(20) **Whip hold-down clip.** 21-917 . 2.99

(21) **Feedthrough/adapters.** SO-239 to standard 1/8" thread. 21-961 ..... 4.99

(22) **Antenna feedthrough.** Lugs to standard 1/8" thread. 21-950 ..... 4.99

## AC to 12VDC power supply

Operate or service mobile CB on home AC power. Regulated, 3A max. UL listed. 22-504 ... 39.99  
See full description on page 172



**Nail-in cable clips.** For RG-58. Black. 278-1660 ..... 10/99¢  
White. 278-1659 ..... 10/99¢  
Black. RG-8. 278-1661 ... 6/99¢



## Coax cable assemblies

Ready to use. For mobile and home antenna, equipment hookups.

Length	Connectors	Cable	Cat. No.	Each
2 ft.	PL-259 both ends	RG-58	278-968	4.99
5 ft.	PL-259 both ends	RG-8	278-969	8.19
6 ft.	PL-259 to SO-239	RG-58	278-975	6.99
10 ft.	PL-259 both ends	RG-8M	278-979	9.99
20 ft.	PL-259 both ends	RG-58	278-967	7.99
20 ft.	PL-259 to lugs	RG-58	278-966	7.99
50 ft.	PL-259 both ends	RG-58	278-971	14.99
50 ft.	PL-259 both ends	RG-8	278-980	34.99

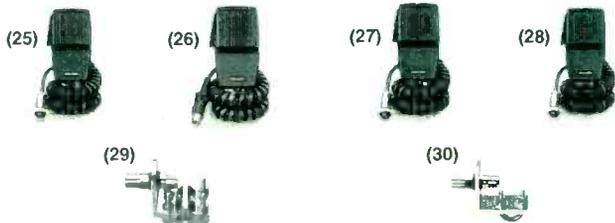
(23) **Solderless PL-259 plug.** Installs on RG-58 coax cable. 278-196 ..... Pkg. of 2/2.69

(24) **PL-259 inline right-angle adapter.** Use in tight spaces. 278-199 ..... 3.49

For more plugs and adapters, see page 161

## Professional Driver-series and other CB accessories

RadioShack Unlimited is your source for extra-rugged mobile antennas and mounts, plus replacement microphones for most CBs. Below are just some of the items available for fast shipment direct to your door.



- (25) **Cobra/Uniden replacement microphone.** 4-pin female connector. RSU 10459956 ..... 14.99
- (26) **Cobra/Uniden replacement microphone.** Locking 5-pin DIN conn. RSU 10459964 ..... 14.99
- (27) **Cobra/Uniden replacement microphone.** 5-pin DIN connector. RSU 10459972 ..... 14.99
- (28) **Midland replacement microphone.** 4-pin female connector. RSU 10459980 ..... 14.99
- (29) **3-way mirror-mount for CB antenna.** With 1/8" SO-239 connector. RSU 11649506 ..... 6.99
- (30) **GM mirror antenna mount.** For vehicles '91 and newer. RSU 11649621 ..... 9.99

## Rugged case

Protects CBs, scanners and other portables. Heavy-duty belt loop for hands-free carrying. 20-004 ..... 12.99

## Lapel speaker

Monitor receiver carried on belt. Clips to clothing. Coiled cord, 1/8" plug. 20-009 ..... 9.99

## Ni-Cd battery charger

Use rechargeable batteries and save. Plugs into charging jack. 23-249 ..... 6.99

## 12VDC cord

Power walkie-talkie from lighter socket in car, boat, RV or 12VDC supply above. 8-ft. long. 270-1533 ..... 4.49

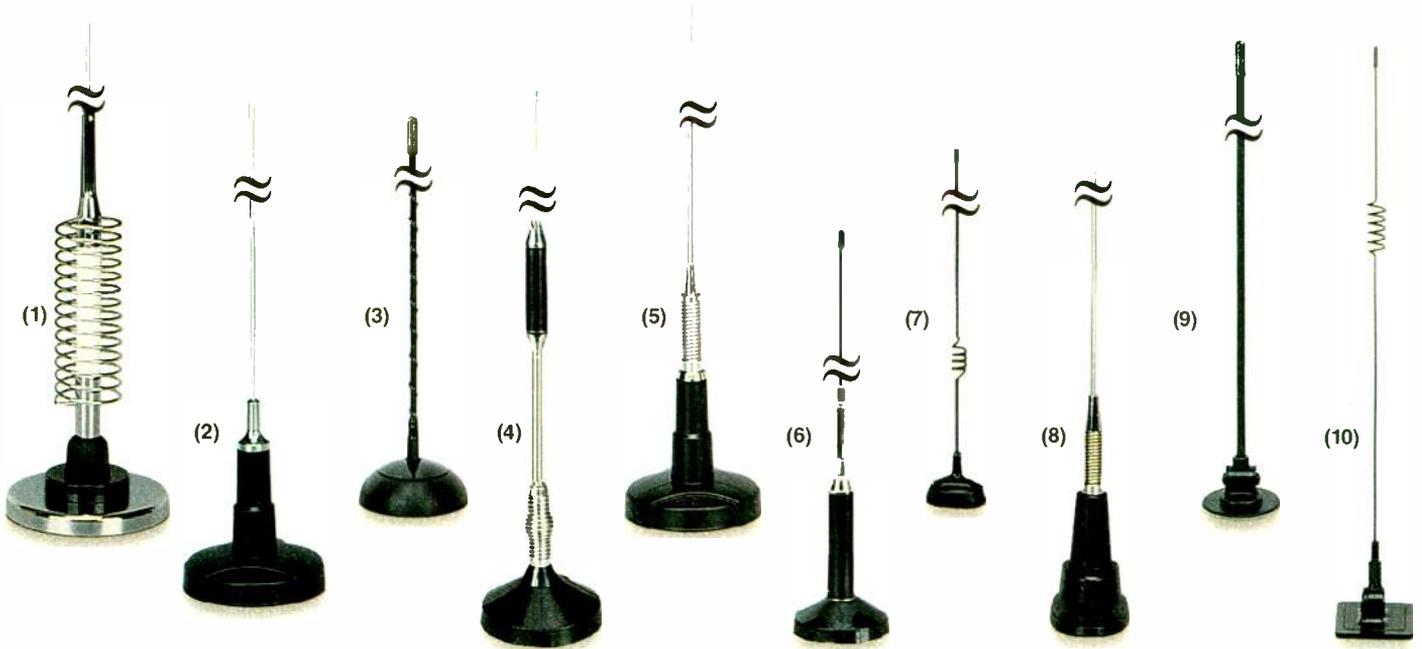
## Flexible whip antenna

For CB walkie-talkies. Better than regular telescoping antennas—less likely to snag on objects or break. RSU 10459949 ..... 9.99

## Crystals for CB walkie-talkies

For walkie-talkies that require crystals for individual channels. Crystals for all 40 channels are available for fast shipment.

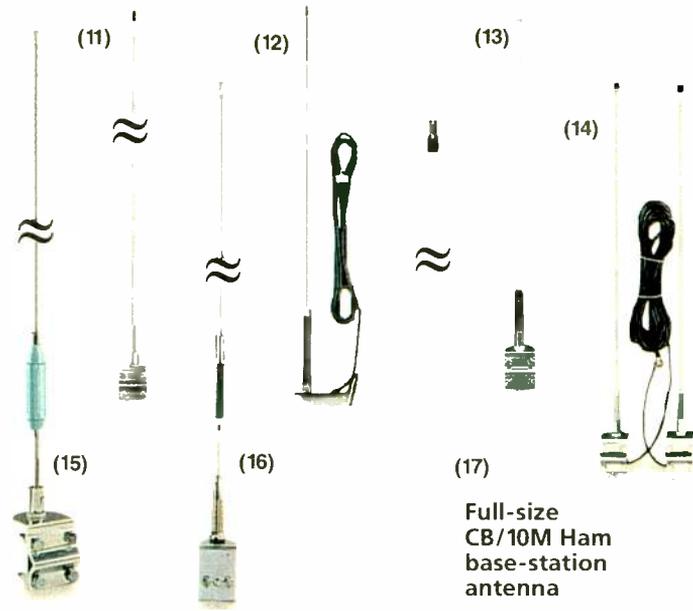
Channel	Cat. No.	Transmit/Receive Pair
5	RSU 10045086	4.99
9	RSU 10045128	4.99
11	RSU 10045144	4.99
19	RSU 10045227	4.99
30	RSU 10045334	4.99
35	RSU 10045383	4.99



**All are ready to mount with cable and prewired PL-259 CB connector**

- (1) **New** High-power magnet-mount\* CB/10M Ham antenna. Excellent performance and appearance. 46" stainless steel whip. Extra-large coil for low loss. Handles up to 1,000 watts on 10M Ham band. 16-foot cable. **21-996 . . . . . 49.99**
- (2) **New** Deluxe magnet-mount\* CB antenna. No holes to drill. High-strength magnet adheres to flat steel surface. Features 54" stainless steel whip, 16-foot cable. **21-978 . . . . . 38.99**
- (3) **New** Magnet-mount\* CB antenna with WX. Great for use on CB/Weatheradio combos. Receives 162MHz WX band without compromising CB performance. 27"-high. 12-foot cable. **21-801 . . . . . 29.99**
- (4) Center-loaded magnet-mount\* CB antenna. Center-loaded coil for long range, low SWR. No holes to drill. Stainless steel whip, 26½" overall. 9½-foot cable. **21-994 . . . . . 29.99**
- (5) **New** Magnet-mount\* CB/Ham antenna. Stainless steel whip and spring. About 49" high, overall. Can be shortened for use on 10-meter Ham band. 16-foot cable. **21-972 . . . . . 29.99**

- (6) Magnet-mount\* CB antenna with fiber glass whip. Easy to mount/remove. Store in trunk to discourage theft. 39½" overall. 17-ft. cable. **21-989, 19.99**
- (7) Improved magnet-mount\* "cellular look-alike" CB/Ham antenna. Nearly identical to a cellular antenna. 21" high, overall. For 10M Ham, too. 16-foot cable. Was \$32.99 in '97 catalog. **21-995 . . . . . New Low Price! 29.99**
- (8) **New** No-hole trunk-mount CB antenna. Secures to trunk lid. Steel shock spring. 47" high, overall. 16-ft. cable. **21-982 . . . . . 26.99**
- (9) **New** High-performance through-glass CB antenna. 24"-high fiber glass whip with spiral-wound element. Adjusts for minimum SWR at desired channel. 16-foot cable with PL-259 plug. **21-803 . . . . . 39.99**
- (10) **New** Through-glass "cellular look-alike" CB antenna with WX. Ideal for CBs with built-in weatheradio. No holes to drill. High-strength adhesive attaches coupler and antenna base to glass. 22½" high. 17-ft. cable. **21-802 . . . . . 39.99**
- (11) "No ground" CB antenna for boat, RV, van. Specifically for wood or fiber glass vehicles and boats—metal ground plane is not needed. Half-wave design for excellent performance on all 40 CB channels. Mounts on boat rail, luggage rack or truck mirror bracket. 48" whip, 16-ft. cable. **21-977 . . . . . 39.99**



**Full-size CB/10M Ham base-station antenna**

- (12) "No ground" window-mount CB antenna. Fits virtually any roll-up window. Metal ground plane not needed. Ideal for GM vans and other vehicles with fiber glass bodies. 34"-high whip, 16-foot cable. **21-983 . . . . . 29.99**
- (13) **New** Adjustable fiber glass single trucker CB antenna. Adjusts for minimum SWR at desired channel. Installs on mirror-mount. 48" whip. 10-foot cable. **21-973 . . . . . 29.99**  
2-foot version (non-adjustable). Same as fig. 13 but with 24" whip. **21-979 . . . . . 24.99**
- (14) Fiber glass twin trucker. Dual 48" whips mount on mirrors. Includes prewired tuned phasing cables. **21-945 . . . . . 49.99**  
2-foot version. Same as fig. 14 but with 24" whips. **21-999 . . . . . 44.99**
- (15) Single trucker II antenna. Heavy duty. Mounts on truck mirror. 58" high, overall. 10-foot cable. **21-941 . . . . . 28.99**
- (16) Gutter-clamp antenna. No holes to drill. Mounts on vehicle rain gutter. Steel whip. About 37" cverall. 10-foot cable. **21-909 . . . . . 24.99**
- (17) Base-station CB/10M Ham antenna. Omnidirectional ½-wave over ¼-wave fiber glass radiator, 16-ft. high. Tunable, provides 9.9dB gain. Rated 1500W max. Fits mast up to 1½" in dia. Accepts PL-259. Cable extra. **21-969 . . . . . 79.99**  
**New** Ground plane kit for Fig. 17. (not shown) Improves performance, lowers angle of radiation. Puts more signal toward the horizon for maximum range. **RSU 11932571 . . . 34.99**

**CB ANTENNA ACCESSORIES** See Index for these listings:

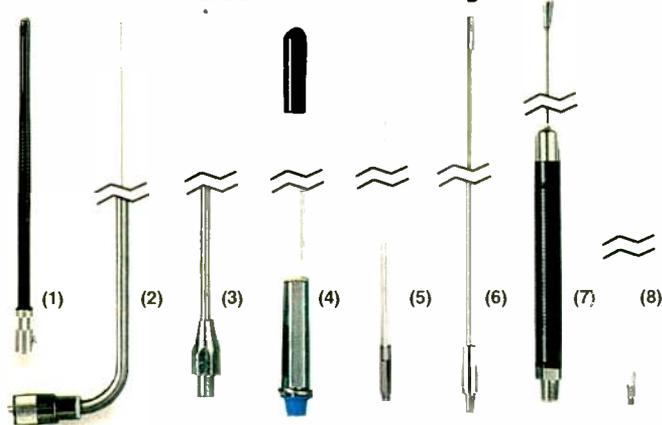
Plugs—RF, Coaxial Cable (for replacement) • Tools—Pliers, Screwdrivers  
Wire and Cable—Coax Assemblies • Antenna Accessories—Masts and Mounts

\*Magnet-mount antennas stay in place on flat, metal surfaces at highway speeds. Not recommended for use on vinyl roofs. Note: antennas and elements on the two pages not shown to scale.

## We Have Everything in CB Antennas

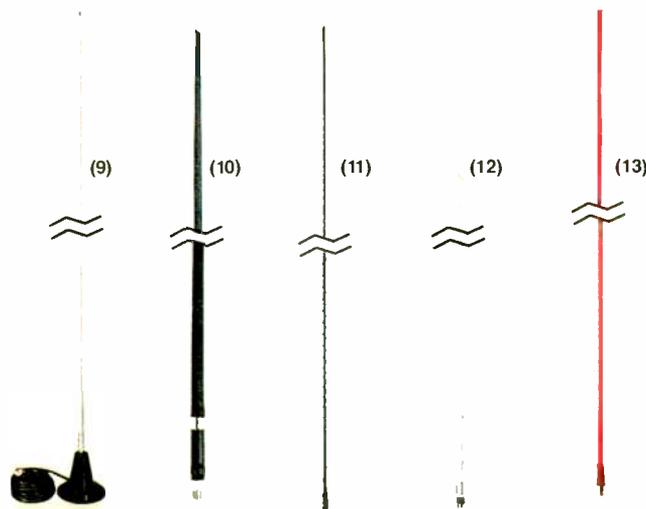
CB radio is back in a big way—and so is the need for mobile CB antennas and replacement parts. Your nearby RadioShack stocks a wide selection, and we can ship custom and hard-to-find items fast, direct to your door through RadioShack Unlimited. There are lots more than shown here!

### CB whips for replacement use or custom antenna design



- (1) Flexible "rubber ducky". Fits most walkie-talkies. 12" long. **RSU 10459949** . . . **9.99**
- (2) Back-of-set CB antenna. Right-angle design. Connects directly to CB. About 13 1/4" high. **21-921** . . . **9.99**
- (3) 102" stainless steel whip. Standard 3/8"-24 thread. **21-903** . . . **14.99**
- (4) 102" fiber glass whip. Standard 3/8"-24 thread. **21-905** . . . **14.99**
- (5) **New** Adjustable 48" fiber glass whip. Can be adjusted at base and fine-tuned for the desired channel. Standard 3/8"-24 thread. **21-974** . . . **13.99**
- (6) 39" stainless steel whip with adapter. Replacement for use with our #21-904, #21-908, #21-940 and #21-972 mobile CB antennas and many others. **21-952** . . . **6.99**
- (7) "All-terrain" whip. Extra-rugged 66" base-loaded steel whip. Built to last! **21-988** . . . **18.99**
- (8) Fiber glass whip with weather band resonator. For CB/Weatheradio combos. Delivers 3 times the weather signal as our best-selling antenna, without compromising CB performance. 48" long. **RSU 10456713** . . . **16.99**

Building or repairing a CB antenna? See our selection of mounts, springs and cables on page 63.



### High-efficiency antenna kit and CB whip elements

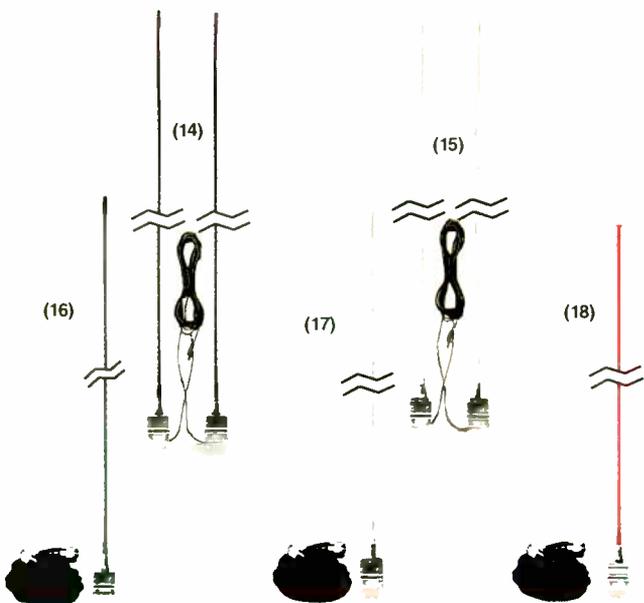
Fig.	Description	Cat. No.	Price
9	Magnet-mount base-loaded 36" antenna kit with prewired 17-ft. cable and PL-259 connector	<b>RSU 11649332</b>	<b>19.99</b>
10	"Rubber duck" 15" whip element	<b>RSU 11649340</b>	<b>18.99</b>

### CB whip elements in choice of black, white or red

Break-resistant long-filament fiber glass 3/16" rod helically wound with 20-gauge copper wire and terminated with standard 3/8"-24 thread. Same as kits below.

Fig.	Length	Color	Cat. No.	Price
11	3 Ft.	Black	<b>RSU 11649266</b>	<b>9.99</b>
12	3 Ft.	White	<b>RSU 11649274</b>	<b>9.99</b>
13	3 Ft.	Red	<b>RSU 11649282</b>	<b>9.99</b>
—	4 Ft.	Black	<b>RSU 11649290</b>	<b>10.99</b>
—	4 Ft.	White	<b>RSU 11649308</b>	<b>10.99</b>
—	4 Ft.	Red	<b>RSU 11649316</b>	<b>10.99</b>

## Custom CB antenna kits



### Dual antenna kits with black or white whips

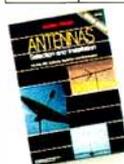
Each kit includes two fiber glass whip antennas, two mirror-mount antenna brackets, and co-phased coaxial cable assembly (each side is 9-feet long).

Fig.	Whip Length	Color	Cat. No.	Price
14	3 Ft.	Black	<b>RSU 11649209</b>	<b>38.99</b>
15	3 Ft.	White	<b>RSU 11649217</b>	<b>38.99</b>
—	4 Ft.	Black	<b>RSU 11649233</b>	<b>39.99</b>
—	4 Ft.	White	<b>RSU 11649241</b>	<b>39.99</b>

### Single antenna kits with black, white or red whips

Each includes fiber glass whip antenna, mirror-mount antenna bracket and 9-foot coax cable with pre-installed PL-259 plugs.

Fig.	Whip Length	Color	Cat. No.	Price
16	3 Ft.	Black	<b>RSU 11649118</b>	<b>19.99</b>
17	3 Ft.	White	<b>RSU 11649159</b>	<b>19.99</b>
18	3 Ft.	Red	<b>RSU 11649167</b>	<b>19.99</b>
—	4 Ft.	Black	<b>RSU 11649175</b>	<b>21.99</b>
—	4 Ft.	White	<b>RSU 11649183</b>	<b>21.99</b>
—	4 Ft.	Red	<b>RSU 11649191</b>	<b>21.99</b>



### Antennas: Selection and Installation

"How to" book covers CB, TV/FM, shortwave and satellite antennas. Learn about different types of antennas and which is best for your purpose. 112 pages.

**62-1083** . . . **6.99**



**Compact 40-channel CB with full legal power and built-in Weatheradio®**

**TRC-234.** Keep in touch at your work site, while traveling, hunting or camping. Plus, stay informed about the weather. Receives all seven national and three international weather frequencies—hear local weather broadcasts wherever you go. No crystals to buy—comes ready to use on all 40 CB channels. Phase-Locked Loop (PLL) frequency synthesizer and two ceramic filters provide superior signal reception and freedom from adjacent-channel interference. Automatic noise limiting circuit reduces noise caused by nearby electrical equipment such as motors or automotive ignition systems. High/low power button—use high for long range, low to save batteries. One-touch access to emergency channel 9. Multi-function LCD display with switchable backlight. 5 watts input. External speaker, microphone and charger jacks. 6<sup>3</sup>/<sub>16</sub>×2<sup>1</sup>/<sub>8</sub>×1<sup>3</sup>/<sub>4</sub>". Requires 9 "AA" alkaline or Ni-Cd batteries or adapter (see chart below). (TSP) **21-1678** ..... **149.99**

**No License Required**

*RadioShack CB walkie-talkies are a great way to stay in touch while hiking, fishing, traveling, at job sites, amusement parks, shopping malls or just around the neighborhood. Our selection includes models with full 40-channel coverage, 3-channel models ready to use on CB channel 14, and a budget single-channel CB walkie-talkie.*



**40 channels with full legal power, hi/lo power switch and flexible antenna**

**TRC-225.** High/low transmit power switch helps you conserve batteries—use high power for maximum range or select low power when talking to someone nearby. Saves batteries by automatically dimming the display after showing the channel in use. 5 watts input. 8×2<sup>7</sup>/<sub>8</sub>×2<sup>1</sup>/<sub>8</sub>". Includes vehicle DC adapter, jacks for external antenna, charger and power. Requires 8 "AA" alkaline or 10 "AA" rechargeable batteries. (TSP) **21-1647** ..... **99.99**



**40 channels, full legal power, hi/lo power-saver, LED display**

**TRC-222.** Auto-dimming LED channel display and hi/lo power switch save batteries. Features an efficient telescoping antenna with center loading coil plus a jack for connecting an external antenna for mobile or home operation. An automatic noise limiter helps reduce interference. Jacks for charger, power, external antenna. 5 watts input. 7<sup>7</sup>/<sub>8</sub>×2<sup>3</sup>/<sub>4</sub>×2<sup>1</sup>/<sub>2</sub>". Requires 8 "AA" alkaline or 10 "AA" Ni-Cd batteries or adapter. (TSP) **21-1646** ..... **79.99**



**New Three channels, two watts, ceramic filter**

**TRC-235.** Comes with channel 14 crystals, plus has sockets to add two more channels. Ceramic filter and automatic noise limiter provide clear reception. Adjustable squelch control, low-battery LED indicator. 7<sup>1</sup>/<sub>2</sub>×2<sup>1</sup>/<sub>2</sub>×2". Telescoping antenna. Jacks to add external antenna, battery charger and external power adapter. Requires 8 "AA" alkaline or 10 Ni-Cd "AA" batteries or DC power adapter (see chart below). (TSP) **21-1620** ..... **49.99**



**New Three channels, 300mW, and battery test button**

**TRC-93.** Separate speaker and microphone for best transmission and reception clarity. Battery-test button with LED indicator. Comes with channel 14 crystals, sockets for adding two more channels. Telescoping antenna. 7<sup>3</sup>/<sub>8</sub>×3×1<sup>3</sup>/<sub>4</sub>". Requires 6 "AA" alkaline batteries. **21-1615** ..... **29.99**

*Crystals for all walkie-talkie channels available at RadioShack*



**One-channel, 100mW CB walkie-talkie**

**TRC-92.** A low-cost way to keep in touch during outings or for keeping tabs on the kids when they're outside—they'll love talking on this "grown up" CB walkie-talkie. Superheterodyne receiver circuit for low noise. Telescoping antenna. Includes transmit and receive crystals for channel 14. 6<sup>3</sup>/<sub>16</sub>×2<sup>1</sup>/<sub>8</sub>×1<sup>7</sup>/<sub>8</sub>". Requires 9V battery. **21-1614** ..... **19.99**

**Choose the CB walkie-talkie with the features you want!**

Model No.	Cat No.	Channel Coverage	Display	ANL	Ceramic Filter	Channel Changer	Squelch	Hi/Lo Power	External Ant. Jack	Power Input	Power Output	Vehicle DC Adapter	Home AC Charger	Home AC Adapter	Special Feature	Each
TRC-92	21-1614	1								100mW	50mW				Ch. 14 crystals installed	<b>19.99</b>
TRC-93	21-1615	3	Batt. test			Slide				300mW	150mW				Ch. 14 crystals installed	<b>29.99</b>
TRC-235	21-1620	3	Batt. test	✓	✓	Slide	✓		RCA	2W	1W	270-1533	23-249	22-504	Ch. 14 crystals installed	<b>49.99</b>
TRC-222	21-1646	40	Channel	✓	✓	Rotary	✓	✓	RCA	5W/2W	2.5W/1W	270-1533	23-249	273-1653	Auto-dimming display	<b>79.99</b>
TRC-225	21-1647	40	Channel	✓	✓	Up/down	✓	✓	RCA	5W/2.5W	4W/1W	Included	23-249	273-1653	Auto-dimming display	<b>99.99</b>
TRC-234	21-1678	40	Channel	✓	2	Up/down	✓	✓	BNC	5W/2.5W	3.8W/0.8W	270-1534	22-504	22-504	10-ch. weather receiver	<b>149.99</b>

**Walkie-Talkie Accessories**

See Index for these listings.

- Adapters • Antennas • Batteries • Battery Chargers  
Jacks • Microphones • Speakers and Accessories



# Clear, Reliable Family and Personal Communication Up to 2 Miles



Flip out the keyboard cover for discreet use like a cellular phone—the volume is reduced automatically. Close the cover and you hear calls at full volume.

**New** 14 channels, full power—and the cover flips out for discreet use

**FRS-106.** Includes all 14 of the license-free “family radio” channels—perfect for areas with many users or if you need to talk privately with individuals in your group. Quiet-code feature lets you set it to receive only the calls from other radios set to the same quiet code. You hear only the calls intended for you. Auto-squelch keeps the speaker silent until you receive a call. LCD channel and function display with pushbutton light. Full 500mW power for maximum range. Only 7<sup>3</sup>/<sub>8</sub>” high (with antenna) × 1<sup>7</sup>/<sub>8</sub> × 1<sup>1</sup>/<sub>8</sub>”. Requires 4 “AA” alkaline or rechargeable batteries. (TSP)

21-1806 ..... Each 149.99

Deluxe glove-leather case is a perfect fit for the FRS-106 Mini-Talkie. With leather-clad belt clip. **RSU 11930021** ..... 19.99



- No license or age limit ■ Easy for anyone to use
- NOT a cellular phone—but just as convenient, dependable and discreet
- No airtime fees ever ■ Long battery life

**Use RadioShack family 2-way radios to:**

- Stay in contact when hiking, camping, snow skiing
- Coordinate sports practice, neighborhood watch, scout, school, church and club events
- Keep track of the kids when you go to a shopping mall, an amusement park, sports or other event
- Chat short-range between vehicles



**New** 14 channels—and antenna flips down to easily fit purse/pocket

**FRS-108.** Flip up the antenna for maximum range, or leave it down for discreet use. This 2-way radio is only 4<sup>1</sup>/<sub>2</sub> × 2<sup>3</sup>/<sub>8</sub> × 1<sup>3</sup>/<sub>8</sub>”. It’s simple to use with push-button access to 14 “family radio” channels, active-channel search, and LCD channel/battery-condition display with a pushbutton light. 300mW power. Range up to 2 miles, depending on location. Requires 3 “AA” alkaline or rechargeable Ni-Cd batteries. (TSP)

21-1808 ..... Each 129.99



Deluxe glove-leather case for the FRS-108. **RSU 11930013** ..... 19.99

**New** Single-channel family 2-way radio gives you clear communications up to 1 mile

**FRS-101.** It couldn’t be easier to use. Just turn it on and press “talk” when you speak. Auto-squelch silences the speaker until you receive a call. Transmit, receive and low-battery indicators. Call button sends signal tone. Includes belt clip and a hand strap. Operates on FRS channel 1 (462.5625MHz). 100mW. Just 8<sup>1</sup>/<sub>2</sub>” high (including antenna) × 2<sup>1</sup>/<sub>2</sub> × 1<sup>1</sup>/<sub>2</sub>”. Requires 4 “AA” alkaline or Ni-Cd batteries. (TSP)

21-1801 ..... Each 99.99



Deluxe glove-leather case for the FRS-101. **21-581** ..... 14.99

*RadioShack’s FRS-series family 2-way radios operate on UHF frequencies recently reassigned by the FCC to the Family Radio Service. These frequencies are less affected by noise and interference than the other license-free frequencies available to the public. UHF also provides better coverage inside buildings and crowded urban areas. Each radio has automatic squelch to keep the speaker silent until the talkie receives a call. Talk range up to 2 miles, depending on location.*

<p><b>Universal belt clip.</b> With high-strength adhesive. <b>43-168, 4.99</b></p>	<p><b>Belt clip holder.</b> Attaches to dashboard or other surface. <b>17-518, 2.99</b></p>	<p><b>Vehicle grip mount.</b> Sturdy flexible arm. <b>17-510, 39.99</b></p>
<p><b>No-drill vehicle mounting system.</b> <b>17-512, 39.99</b></p>	<p><b>Universal cup holder mount.</b> <b>17-516, 39.99</b></p>	<p><b>Window bracket with suction cup holder.</b> <b>17-519, 34.99</b></p>

### One-channel "audionic" FM walkie-talkie pair lets you talk and listen hands free

**TRC-508.** The "audionic" earpiece combines a hearing-aid-quality earphone and a high-quality microphone that fit comfortably in your ear. When you speak, the walkie-talkie transmits automatically. When you stop talking, it switches back to receive. Since the microphone is in your ear, it doesn't transmit outside noises, and it's perfect for security and other applications where discreet use is important. Each talkie includes two different-sized earpiece tips for a perfect fit. Dual-conversion superhet receiver delivers clear FM sound. Selectable hands-free or push-to-talk operation. A clip lets you attach the talkie to your belt or pocket. Up to  $\frac{1}{8}$ -mile range  $2\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ ". Each requires 9V battery. (TSP) **21-408** ..... **Pair 89.99**



## Reliable and Easy to Use

*Stay in touch with these rugged and quiet 49MHz FM walkie-talkies. They're great for hiking, biking, camping, sports events and practice, shopping trips and around the neighborhood. They're also practical on the job. Use them to save time and steps in a warehouse, a building or at a construction site. You'll enjoy clean, noise-free reception no matter which model you choose. Our selection includes "audionic" and headset models that provide convenient hands-free operation, five-channel models for groups or work crews, plus value-priced single-channel models.*



### Hands-free 5-channel FM headset walkie-talkie

**TRC-507.** Five channels let you talk privately to several individuals. Voice-activated or push-to-talk operation. Dual conversion for low-noise reception. Up to  $\frac{1}{4}$ -mile range. Operates on 49.830, 49.845, 49.860, 49.875 or 49.890MHz.  $2\frac{1}{2} \times 5\frac{1}{2} \times 1\frac{1}{2}$ ". Requires 9V battery. (TSP) **21-407** ..... **Each 49.99**

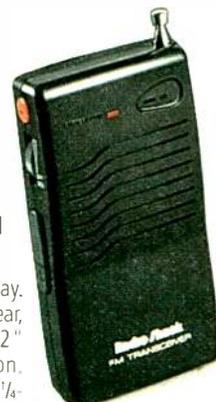


### Hands-free one-channel FM headset walkie-talkie pair

**TRC-506.** Selectable voice-activated or push-to-talk operation. Dual-conversion superhet receiver for low-noise reception. Up to  $\frac{1}{4}$ -mile range. Detachable belt clip.  $2\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ ". Each requires 9V battery. (TSP) **21-406** ..... **Pair 69.99**

### Mini-size one-channel FM walkie-talkie

**TRC-509.** For work or play. Superhet circuit delivers clear, low-noise reception. 2" speaker. Call-tone button. Low-battery LED. Up to  $\frac{1}{4}$ -mile range. Detachable belt clip. Only  $4\frac{3}{4} \times 2\frac{3}{8} \times 1\frac{1}{32}$ " and weighs just 5 ounces. Requires 9V battery. **21-409** ..... **Each 24.99**



### Compact 5-channel FM walkie-talkie

**TRC-512.** Fits pocket or purse—only  $6\frac{1}{8} \times 2\frac{3}{8} \times 1\frac{1}{16}$ ". Five channels for multi-unit use—perfect for sporting events and practice, camping, biking, hiking, at a work site or warehouse. Dual-conversion superhet circuit provides low-noise reception. Call button sends alert-tone signal. Low battery LED. Up to  $\frac{1}{4}$ -mile range. Detachable belt clip. Operates on 49.830, 49.845, 49.860, 49.875 or 49.890MHz. Requires 9V battery. **21-412** ..... **Each 39.99**



VHF marine radios help you stay in touch with other boaters or the Coast Guard and monitor the weather.



### Uniden VHF marine radio covers all USA and international marine channels

**MC-535.** Rugged, full-featured marine radio keeps you in touch with other boats, shore stations and Coast Guard. Selectable 25 or 1 watt output—use 25 watts for long-range communication and emergencies, use 1-watt setting when talking with nearby vessels or in your slip at the marina. Transmits on 52 channels and receives 90 channels, including all 10 weather channels so you can monitor local weather conditions and hear advanced warning of approaching bad weather. Easy push-button up/down channel selection with instant pushbutton access to marine emergency/calling channel 16. Adjustable squelch helps cut noise between transmissions. Radio and microphone both have weather-resistant housing to withstand the elements. LED display. Compact size—2¼×6×8¾" for easy mounting. Optional flush-mount bracket available (RSU 11245057) for secure, professional installation on your boat. **RSU 11448701** . . . . . **149.99**



### Handheld VHF-marine transceiver

**MTX-103.** This rechargeable transceiver provides clear 2-way communication on all US and international VHF-FM marine channels. You can also monitor developing weather conditions on 10 weather channels. Selectable 5- or 1-watt output—save power by selecting a suitable transmitting power for long or short distances. One-touch access to marine emergency/calling channel 16. Adjustable squelch cuts down noise between transmissions. Low-battery indicator helps prevent you from being stuck with dead batteries. Supplied battery charger conveniently recharges your transceiver's battery pack. Jacks let you add external speaker or microphone. To listen privately or hear better in a noisy area, just plug an earphone (not included) in speaker jack. 7¼×2¾×1¾". Was 229.99 in '97 catalog. (TSP) **19-1004** . . . . . **New Low Price! 199.99**

## GPS satellite navigators from Magellan



**GPS 2000 XL receiver.** Lightweight and durable, the ideal handheld GPS for hiking, hunting, boating or any outdoor adventure. EZstart and on-screen instructions make operation a snap—even for newcomers. Scroll through five navigation screens for your position, direction, speed and progress, or use the plotter screen for the total picture. Use the "Go To" button to instantly find any of 200 user-entered locations—hot spots, drop-offs and bottom structures. Store five reversible routes of 20 legs each. Rugged wrap-around rubber armoring and scratch-proof display with a dry-nitrogen-filled waterproof construction. Lightweight—just 10 ounces. Long, 24-hour battery life is over 25% better than any other hand-held GPS. **RSU 11935574** . . . . . **229.99**



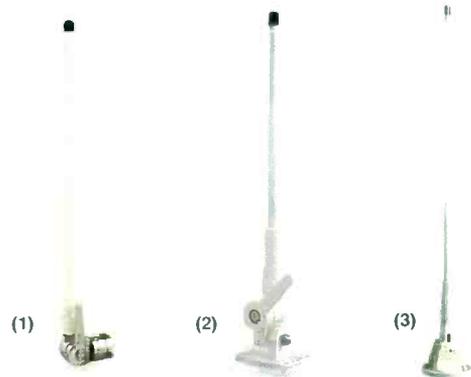
**GPS 4000 XL receiver.** Great for boating and land navigation. Store the position of your car on hunting trips or at the ballpark. Then, press the "Go To" key to find it easily. Store 200 landmark locations attaching a 20-character message to up to 25 of them. Calculate sunrise/sunset times and moon phase for any saved landmark. Project landmarks using a map, compass or line-of-sight. Has six graphic navigation screens. Rubber side grips stand up to wet weather. Display features easy-to-see, large bold characters and backlight for night use. Includes highly-sensitive built-in antenna, carry case, lanyard strap, user and quick-reference guides. The included 4 "AA" alkaline batteries provide 24-hours of operation. **RSU 11675642** . . . . . **289.99**



### VHF marine radio antennas

#### Choose the type of mounting you need

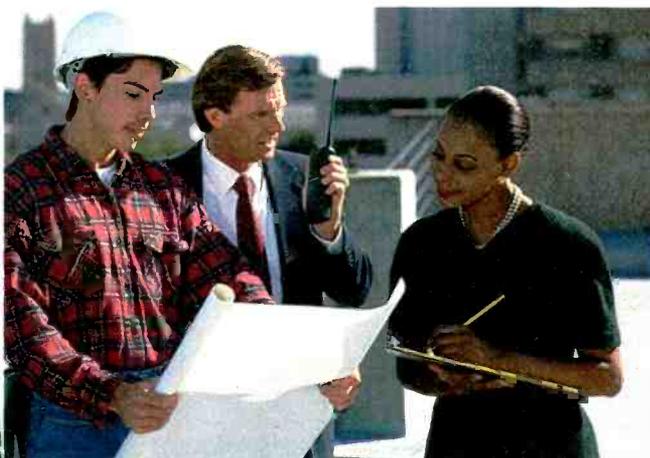
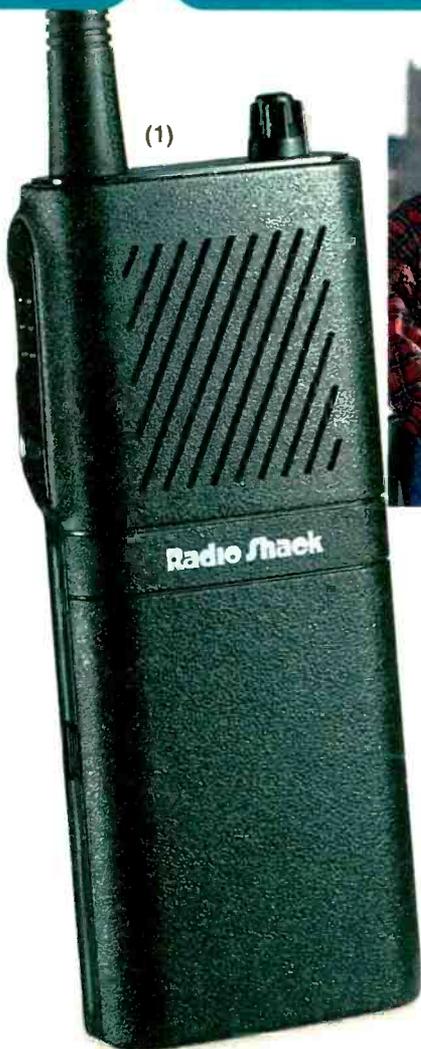
All these ready-to-install antenna kits include 5-ft. fiber glass antenna element, prewired 15-ft. cable with PL-259 plug, mount and hardware.



- (1) **Ratchet-mount for rail mounting.** Mounts easily on 7/8" and 1" rails. Vertical or horizontal installation. 3/32" feed-through hole for Loran cable. Heavy-duty chrome-plated zamac metal. **RSU 11479722** . . . . . **64.99**
- (2) **Nylon ratchet-mount for deck or bulkhead.** Solid white nylon 4-way ratchet design for handle on deck or bulkhead mounting. With 1"-14 male threads, 2¾"×3½" mounting base plate. **RSU 11479714** . . . . . **59.99**
- (3) **Lift-and-lay-down mount for deck or cabin top.** Solid white nylon lift-and-lay-down self-locking base mechanism. 3½"-diameter mounting base plate. **RSU 11479706** . . . . . **59.99**



(1)



(2)



### Made for RadioShack by the world leader in 2-way radio communication

These rechargeable transceivers provide clear, dependable communications for security, warehouses, construction and other businesses, schools, churches, hospitals and organizations. Both versions are PLL-synthesized so crystals are not needed to change the factory-preset frequencies. Range is up to several miles, depending on location. Each includes a high-capacity Ni-Cd battery, 10-hour AC charger, and detachable belt clip. With the optional CTCSS kit (below), you'll hear calls only from transceivers set to your CTCSS tone. 6<sup>7</sup>/<sub>16</sub> × 2<sup>9</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>16</sub>" **FCC license required** (see next page).

**(1) BTX-125 VHF-FM.** 1-watt. Up to 13 hours normal operation per battery charge. Configured for VHF "green" frequency, 154.600MHz. **19-1215** ..... Each **179.99**  
Can be set to "blue", "purple", "red" or "green" VHF business frequency.

**(2) BTX-126 UHF-FM.** 2 watts. Up to 8 hours normal operation per battery charge. Configured for UHF "yellow" frequency, 464.550MHz. **19-1216** ..... Each **219.99**  
Can be set to "brown", "J", "K", "blue-star", "gold-star", "red-star", "silver-star" or "yellow" UHF business frequency.

**Note:** You may operate only on business frequencies assigned to you.

**3-hour desktop charger.** Accepts the transceiver's removable rechargeable battery. **RSU 11437373** .. 53.99

**10-hour desktop charging tray.** Requires use of AC charger supplied with transceiver. Accepts transceiver's battery. **RSU 11437381** ..... 9.99

**CTCSS kit.** Cuts interference from other users on your frequency. You only hear calls from transceivers set to your subaudible CTCSS tone. One kit is required per transceiver. **RSU 11437399** ..... 49.99

**BNC adapter.** Lets you remove the transceiver's flexible antenna and connect a mobile or external antenna with BNC plug. **RSU 11451523** ..... 14.99

**(3) VHF stubby antenna.** Replaces supplied antenna of VHF transceiver above. Handy for short-range use and also when using the transceiver in close quarters. **RSU 11437407** ..... 9.99

**(4) UHF stubby antenna.** **RSU 11437415** ..... 9.99

### Genuine MOTOROLA accessories for business radios above and MOTOROLA Spirit® products

**Remote speaker/microphone.** Allows you to use transceiver when it's clipped to your belt. **RSU 11443611** ..... 54.99

**Earpiece with microphone.** Frees hands. Ideal for security and other applications where discreet use is required. **RSU 11437274** ..... 44.99

**External VOX adapter.** Hands-free convenience. Automatically switches transceiver to transmit when you speak, then back to receive. Use with earpiece with microphone (above) or headset with swivel-boom microphone (below). **RSU 11437282** ..... 39.99

**Earbud.** Comfortable, lightweight in-ear 'phone. **RSU 11437316**, 16.99

**Headset with swivel-boom microphone.** **RSU 11437324** ..... 49.99

**Earbud with clip-on microphone.** With PTT (push-to-talk) switch. **RSU 11437332** ..... 39.99

**Flexible ear receiver.** Discreet and extra-comfortable. Monitor transceiver while it's clipped to your belt. **RSU 11437340** ..... 34.99

**Leather carrying case with belt loop.** Protect your transceiver with this attractive, high-quality case. **RSU 11448958** ..... 29.99

**Nylon carrying case with belt loop.** **RSU 11448966** ..... 24.99

**Spring-action belt clip.** **RSU 11437357** ..... 5.99

**Rechargeable Ni-Cd battery.** Get a spare so you can operate the transceiver on one battery while charging another. **RSU 11437365** ..... 34.99

**1-800-THE-SHACK**



## Save Time & Steps, Boost Efficiency

RadioShack's handheld business radios give you clear 2-way communications over ranges up to several miles, depending on location. You can use these commercial-quality transceivers to improve security, keep in touch with workers, serve customers more efficiently, or coordinate recreational, school and church activities.



### 2 channels\*, 2 watts, built-in CTCSS to minimize interference

**BTX-124.** Step up to crystal-clear communications for your business, school, church, clinic or organization. Has hi/lo power button, two channels and CTCSS—you hear only the calls intended for you. Jacks for adding external mic/headset. Includes slide-on Ni-Cd battery, AC charger, belt clip, detachable antenna with BNC connector. 6x2 1/2 x 1 1/2". **FCC license required. 19-1205 . . . . . Each 199.99**

\* Preset on 154.600MHz (green) and 154.570MHz (blue) frequencies. Frequency/CTCSS programming available through RadioShack.  
**NOTE:** You may operate only on frequencies assigned to you.

**FCC license required.** You **MUST** have a valid FCC Business Radio Service License before you can start enjoying the many benefits these transceivers provide. The license is easy to get and virtually any business, school, hospital, clinic, church or organization can qualify. There is no test, but the FCC does require a nominal fee. As licensee, you are responsible for proper operation of all transceivers operating under your license.

**Important note:** Transmitting without a valid FCC license can result in fines up to several thousand dollars and/or confiscation of equipment.

**How to apply:** To have the FCC license forms faxed to you from RadioShack, call our FaxBack System at 1-800-323-6586 and request Document 9632 for the required forms and schedules. Request Document 9633 for instructions.

To have the forms mailed to you from the FCC, call the FCC Forms Hotline at 1-800-418-FORM.

After completing the forms, you must submit them to the PCIA, a non-profit organization that assigns frequencies to minimize the chance of interference. For more information, contact the PCIA at 1-800-759-0300 (in Virginia call 1-703-739-0300), extension 3068.

### 2-channel capability\*\*, 1 watt, hi/lo power to save batteries

**BTX-123.** Ideal for construction, security, schools, churches, campgrounds. Features 1-watt output with hi/lo power control to conserve battery when talking to someone nearby. Has jacks for adding an external speaker/mic, earphone or headset. Includes slide-on Ni-Cd battery, AC charger, belt clip and detachable antenna with BNC connector. 6x2 1/2 x 1 1/2". **FCC license required. 19-1204 . . . . . Each 149.99**

\*\* Crystals installed for 154.600MHz (green) frequency. Crystals for a second business-band frequency available through RadioShack  
**NOTE:** You may operate only on frequencies assigned to you.



### Get more range! Magnet-mount mobile antenna

Ready to use on Ham 2-meter band, easily trimmed for use with business, GMRS, marine or other radios up to 500MHz. Stainless steel whip. Strong magnet. Prewired 12-foot cable with BNC plug. **RSU 10457075 . . . . 24.99**



### Get more from your 2-way radio



### Get a spare battery! Charge one while you're using another

A second rechargeable Ni-Cd battery is a "must" if you use your 2-way radio often. Have a battery always ready.

**For RadioShack business-band transceivers.** 8.4 volts, rated 600mAh.  
**For #19-1201/1202. RSU 10020832, 39.99**  
**For #19-1203. 600mAh. RSU 11510625, 39.99**  
**For #19-1204. 800mAh. RSU 11908613, 39.99**  
**For #19-1205. 800mAh. RSU 11908605, 39.99**

### Leather holster case protects your radio

Perfect for the #19-1204 shown above and other small handheld 2-way and scanner radios. Features heavy-duty belt strap, metal snaps and reinforcements. **RSU 10459931 . . . . . 29.99**



### Communications headset lets you talk and listen hands free

Voice activated—automatically switches a transceiver to transmit when you speak and back to receive when you stop. Selectable manual/VOX operation, two VOX sensitivity settings. Works with many RadioShack handheld transceivers and others by Alinco, Icom, Standard and Yaesu. Requires "AAA" battery. **19-312 . . . . . 49.99**

### Ni-Cd packs for other radios

Ni-Cd Pack for	Cat. No.	Each
#19-902 GMRS	RSU 11437365	34.99
#19-1004 VHF-Marine	RSU 11510617	39.99
#19-1120/1140 Ham	RSU 10020824	39.99





### 45-watt 2-meter FM mobile transceiver finds active frequencies and stores them automatically

**HTX-242.** Auto Memory Store locates active frequencies and stores them in memory, including the appropriate repeater offsets—great for travel and new Hams! The receiver's tracking front-end dramatically cuts intermod interference. You get built-in CTCSS encoder **and decoder**, true FM modulation for cleaner voice and packet transmission, 40-channel memory and improved DTMF paging protocol. Includes detailed owner's manual and a handy user's guide on a 5½×8" card for vehicle sun visor. 1½×5½×6¾". (TSP) **19-1126 . . . . . 299.99**

**Check these great features.** Multi-function scanning. Memory scan skip. Priority channel. Group calling. 10 DTMF memories. Selectable 45/10-watt transmit power. Extended 136-174MHz receive. Transmit range extendable to 142.500-149.500MHz for MARS/CAP.

**IMPORTANT:** You must have a Technician Class or higher Amateur Radio License issued by the FCC to legally transmit with the transceivers on this page. Transmitting without a license can result in serious penalties. Getting your license is easier than ever—see study materials on next page and page 174.

## RadioShack is Serious About Amateur Radio

RadioShack's 2-meter mobile transceiver is a solid performer with features found on rigs that are more expensive. Our 2-meter FM handheld continues to be America's best-selling HT, the #1 choice of new and experienced Hams alike. We offer antennas and accessories in our stores and through RadioShack Unlimited (see next page).

What's more, RadioShack is the **ONLY** company to offer low-cost service plans for our Ham transceivers. At

time of purchase, you can extend warranty coverage to **5 full years** (see page 303).



### America's best-selling handheld 2-meter FM transceiver

**HTX-202.** Proven performer! Selective 2-meter-only receiver rejects intermod interference. True FM transmit provides excellent voice clarity and top efficiency on packet. You get a high-capacity Ni-Cd pack, subaudible tone (CTCSS) encoder **and decoder**, DTMF dialer and five memories for autopatch, DTMF **decoder**, multifunction scanning, hi/lo power switch, battery-saver, 16 frequency memories, jack for 12VDC operation (5W output). Includes AC charger, Ni-Cd pack and an extra battery shell for using "AA" alkaline batteries. 6½×2½×1½". (TSP) **19-1120 . . . . . 249.99**  
**Deluxe leather case.** See Fig. 4, below.

### In-line VHF/UHF SWR/power meter



For 2-meter and 440MHz bands. Reads 0-60 watts in two ranges. Low insertion loss, may be kept in line. **RSU 10508018, 39.99**

### Voice-activated headset with microphone frees your hands.



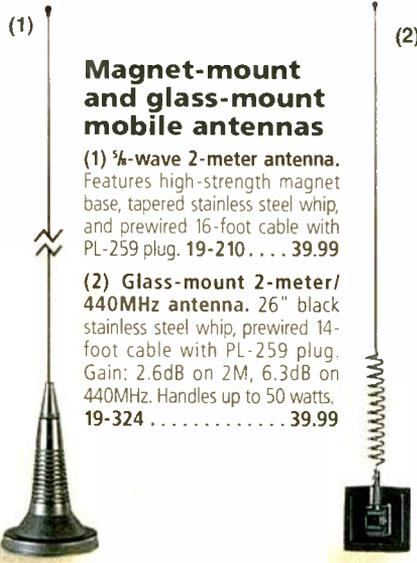
Lightweight and comfortable, it provides push-to-talk or voice-activated (VOX) operation with two sensitivity settings. For handheld on this page and others. Requires "AAA" battery. **19-312 . . . . . 49.99**

### Speaker/microphone is ideal when HT is clipped to your belt or used as a mobile or a base.



Improved design increases sensitivity for more consistent FM deviation. For most RadioShack and many Icom, Standard and Yaesu-brand handheld transceivers. **19-314 . . . . . 19.99**

**New** Ultralightweight earbud speaker/microphone. Keep your HT on your belt when operating "pedestrian mobile." Omnidirectional tie-clip mic, high-quality in-ear speaker. For most RadioShack, Icom, Standard and Yaesu-brand handheld transceivers. (Not for Kenwood or Motorola handhelds) **19-315 . . . . . 19.99**



### Magnet-mount and glass-mount mobile antennas

**(1) ½-wave 2-meter antenna.** Features high-strength magnet base, tapered stainless steel whip, and prewired 16-foot cable with PL-259 plug. **19-210 . . . . . 39.99**

**(2) Glass-mount 2-meter/440MHz antenna.** 26" black stainless steel whip, prewired 14-foot cable with PL-259 plug. Gain: 2.6dB on 2M, 6.3dB on 440MHz. Handles up to 50 watts. **19-324 . . . . . 39.99**

**(3) Get a spare Ni-Cd battery pack for your HTX-202 and keep on talking.** A spare battery pack lets you operate with one battery while you're charging up another.



**(3) Standard battery pack.** For HTX-202/404. 7.2VDC, 600mAh. **RSU 10020824 . . . . . 39.99**

**Quick-charge pack.** 8.4VDC, 1,400mAh. Requires desktop AC quick-charger, below. **RSU 10501906 . . . . . 49.99**

**(4) Desktop AC quick-charger.** UL listed. **RSU 10484905 . . . . . 69.99**



**(4) Deluxe leather holster cases.** For HTX-202 2-meter HT above and our earlier HTX-404 440MHz HT. Handsome and really built to last. Heavy-duty belt strap, metal snaps and reinforcements. **RSU 11270113 . . . . . 29.99**

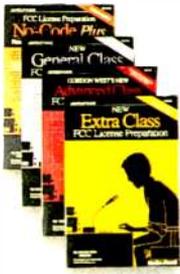
Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited™. Shipping and pricing information on page 4.

### HOOKUP ACCESSORIES

See Index for these listings:

Adapters, RF Plug • Antenna Accessories, Masts and Mounts • Connectors, RF/Video • Wire and Cable, Coax Assemblies • Speakers, CB/Scanner

Prices apply at participating RadioShack stores and dealers. Not all items in all stores—ask about our ordering service (items subject to availability).



## Now it's easier than ever to get your Amateur Radio license

Morse code skill is **no longer required** for the entry-level Ham license, which gives you full amateur privileges on the popular VHF/UHF bands. You'll be able to operate the transceivers shown on the facing page. RadioShack is your source for exam preparation books (see pg. 174), software, audio tapes, even videos to help you get your first Ham license or upgrade to a higher license class.

### Amateur Radio exam video and software

- (1) **No-code Technician-class video.** VHS. 1 1/2 hours. Used by many Ham clubs in 2-day license classes. Includes 240-page study guide and FCC rule book. **RSU 11287042** . . . 39.99
- (2) **No-code Ham Radio computer software.** Covers Novice and Tech-class theory and exam questions. 240-page manual, 3 1/2" and 5 1/4" diskettes. **RSU 11287026** . . . . . 29.99
- (3) **General-class software.** Theory and Morse code. **RSU 11289501** . . . . . 29.99
- (4) **All-class computer software.** Prepares you for every theory and code exam, Novice through Extra class. **RSU 11287034** . . . . . 39.99

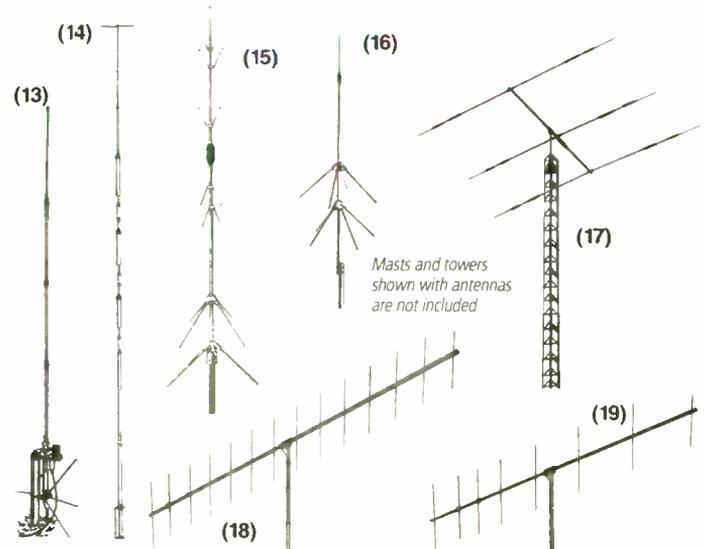


### Mobile Mark® mobile Ham antennas

Go with a winner! Mobile Mark's 50 years of antenna engineering experience is reflected in each of these high-performance antennas and rugged mounts.

- (5) **MobileAm™ HF Heliwhip antenna elements.** Fiber glass with carefully proportioned solid-copper wire helical winding. Available for 80 through 6 meters including WARC bands. 80 through 20M antennas are 6 feet long. 20M, **RSU 11375391**. 40M, **RSU 11375367**. 80M, **RSU 11375342** . . . . . Each 28.99
- Figs. 6 and 7 include 17-foot cable and PL-259 connector.
- (6) **Body mount for Fig 5.** Requires 3/8" diameter hole in vehicle. **RSU 11375524** . . . 29.99
- (7) **Trunk-lip mount for Fig. 5.** Attaches with set screws. **RSU 11375532** . . . . . 22.99
- Optional spring. Allows antenna to bend for obstructions. **RSU 11375540** . . . . . 10.99
- (8) **MobileAm 3dB gain 2-meter, 220MHz and 440MHz antenna elements.** Stainless steel. ABS-plastic enclosed loading coils have high-quality brass fittings. 2-meter and 220MHz whip elements are 49" long. 440MHz is 24" long. 2 meters, **RSU 11375581**. 220MHz, **RSU 11375599**. 440MHz, **RSU 11375607** . . . . . Each 54.99
- Figs. 9 and 10 include 17-foot cable and PL-259 connector.
- (9) **Body mount for Fig. 8.** **RSU 11375722** . . . . . 16.99
- (10) **Trunk mount for Fig 8.** **RSU 11375730** . . . . . 24.99
- (11) **MobileAm glass-mount 2-meter, 220MHz and 440MHz antennas.** No holes to drill in vehicle. Each includes base, 15-foot cable and PL-259 connector. 2 meters, 24" whip, **RSU 11375631**. 220MHz, 24" whip, **RSU 11375649** . . Each 50.99
- 440MHz. 20" whip, **RSU 11375656** . . . . . 43.99
- 440MHz. With 3dB gain. 20" whip, **RSU 11375664** . . . . . 44.99
- Dual-band 2 meters/440MHz. 26" whip, **RSU 11375672** . . . . . 79.99

- (12) **MobileAm magnet-mount 2-meter, 220MHz and 440MHz antennas.** Chrome-plated stainless steel whip elements. Include 10-ft. cable, PL-259 connector. 2 meters. 20" whip, **RSU 11375680**. 220MHz, 15" whip, **RSU 11375698**. 440MHz, 10" whip, **RSU 11375706**. 440MHz, With 3dB gain, 24" whip, **RSU 11375714** . . . . . Each 25.99



### Hy-Gain® UHF, VHF and HF antennas

- (13) **Model 12AVQS vertical antenna for 20/15/10 meters.** About 13 1/2 ft. high. SWR: 1.5:1 or less, all 3 bands. SO-239 connector. **RSU 11529641** . . . . . 99.99
- (14) **Model 14AVQ/WBS vertical antenna for 40 through 10 meters.** Self-supporting. 18-ft. high. SO-239 connector. **RSU 11529658** . . . . . 144.99
- (15) **Model V42R dual band 2-meter/440MHz vertical antenna.** Colinear 1/8-wave. Accepts "N" connector. **RSU 11529518** . . . . . 139.99
- (16) **Model V2R 2-meter vertical antenna.** Two colinear 1/8-wave elements. SO-239 connector. **RSU 11529526** . . . . . 92.99
- (17) **Model TH3JR Compact 3-element beam antenna for 20/15/10 meters.** 12-ft. boom. Approx. 14 1/2-ft. turning radius. **RSU 11529401** . . . . . 269.99
- (18) **Model 214FM 14-element beam antenna for 2 meters.** 15 1/2-ft. boom, 8-ft. turning radius. **RSU 11529351** . . . . . 81.99
- (19) **Model 28FM 8-element beam antenna for 2 meters.** Approx. 12 1/2-ft. boom, 6 1/4-ft. turning radius. **RSU 11529344** . . . . . 71.99



### Vectronics™ antenna tuner, TVI filters, keyer

- (20) **Model VC300DLP antenna tuner.** Matches virtually any antenna. 1.8-30MHz. Dual-movement SWR/power meter. 200 watts (150W on 1.8MHz). **RSU 11437530** . . . . . 149.99
- (21) **High-pass TVI filter.** Installs between VCR/TV and cable-TV or antenna lead-in cable. Eliminates/reduces interference caused by HF transmitter. **RSU11437571** . . . 19.99
- (22) **Low-pass TVI filter.** Handles 1500 watts. **RSU 11437589** . . . . . 62.99
- (23) **Model CK200 deluxe electronic CW keyer.** **RSU 11437605** . . . . . 79.99

### Plug adapters, ready-to-use coax cable assemblies and coax by the foot



- (24) **Double PL-259 adapter.** Joins two SO-239 sockets. 278-192 . . . . . 3.99
- (25) **PL-258 coupler.** Joins two PL-259 plugs. 278-1369 . . . . . 1.69
- (26) **M-348 T-adapter.** Two SO-239 sockets to one PL-259 plug. 278-198 . . . . . 4.59
- (27) **Inline 90° adapter.** Helps prevent damage to jacks and cable. 278-199 . . . . . 3.49
- (28) **BNC adapter.** Accepts BNC plug. Fits SO-239 socket. 278-121 . . . . . 3.49
- "F" adapter. (Not shown). Accepts "F" plug. Fits SO-239 socket. 278-258 . . . . . 3.49

Ready-to-use coax cable assemblies. Top-quality cable with preinstalled connectors.

Length	Connectors	Cable	Cat.No	Price	Length	Connectors	Cable	Cat.No	Price
2 ft.	PL-259 both ends	RG-58	278-968	4.99	20 ft.	PL-259 both ends	RG-58	278-967	7.99
5 ft	PL-259 both ends	RG-8	278-969	8.19	20 ft.	PL-259 to spades	RG-58	278-966	7.99
6 ft.	PL-259 to SO-239	RG-58	278-975	6.99	50 ft.	PL-259 both ends	RG-58	278-971	14.99
10 ft	PL-259 both ends	RG-8M	278-979	9.99	50 ft	PL-259 both ends	RG-8	278-980	34.99

RG-8M coax. 278-1313 . . . . . Per Ft. 32¢      RG-8 coax. 278-1312 . . . . . Per Ft. 70¢





**Tabletop shortwave communications receiver stores up to 160 frequencies for instant recall**

**DX-394.** Sensitive, selective and loaded with features to please both beginning shortwave listeners and experienced DXers. Explore with rotary tuning, program up to 160 frequencies in the memory, enter a frequency or meter band on the keypad, even scan or search. The advanced digital-tuning, dual-conversion system gives you gapless 150kHz to 29.999MHz coverage. Selectable AM/LSB/USB/CW modes, lighted LCD display, dual-time clock, five programmable on/off times, sleep-timer auto-shutoff. 3 1/2" x 9 1/8" x 7 7/8". Detachable indoor antenna, SO-239 (coaxial) and RCA jacks for external antenna. Jacks for adding headset, speaker, tape-out, external DC power. UL listed AC or add vehicle DC adapter #270-1533 (not included). Was \$299.99 in '97 catalog. (TSP) **20-224** ..... **New Low Price! 249.99**

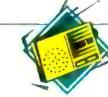
**New Preset with 261 shortwave stations! RDS (Radio Data System), 3 timers, recorder control**

**DX-398.** Compact portable is preset with the world's most popular shortwave stations. You can easily delete and add stations, plus program up to 8 characters to appear on the display for easy station ID. 306 total presets: (261 SW, 18 each for AM/FM, 9 for LW). RDS displays call letters/time for stations sending RDS signal. Three timers, audio and control jacks allow unattended recording of up to 3 different stations (requires recorder, not included). True LSB/USB selection. 5 x 8 1/4 x 1 1/2". Add batteries or adapter (see table below). (TSP) **20-228** ..... **249.99**



**DX-392.** Digital tuning teams with a built-in cassette recorder and timer. Set it to record programs automatically. Full shortwave coverage plus AM, FM, LW. 45 presets. Scan, rotary, keyboard tuning. BFO for SSB/CW reception. Dual conversion cuts images. Wakes with radio or buzzer. 7 1/4" x 11 7/8" x 2 1/8". Add batteries or adapter (see table below). (TSP) **20-219** .. **259.99**

**DX-390 offers the superb performance and features of DX-392 (left) without cassette.** 4" speaker provides excellent sound. Delivers FM in stereo through the headphone jack. Digital tuning. 45 memory presets. Local/world time display. Add batteries or power adapter (see table below). (TSP) **20-214** .. **219.99**



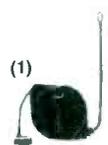
**Hear more on your shortwave radio! RadioShack has the accessories you need**



**Listening to Shortwave Radio by Ken Winters.** This fact-filled 64-page book and audio tape will get you started in the fascinating hobby of shortwave listening. Learn about radios, antennas, frequencies, what you can hear and the best times to listen. The cassette tape includes recordings of actual shortwave broadcasts. **62-1021** ..... **7.99**



**Amplified indoor shortwave antenna is perfect for apartment dwellers and travelers.** An adjustable preselector peaks signals in the 3-30MHz range. Gain control prevents overloading from strong or nearby signals. Telescoping whip antenna extends to 29". An input jack lets you use it as an amplified pre-selector for an external shortwave antenna, too. 4 1/2" x 4" x 1 1/2". Requires 9V battery. **20-280** ..... **29.99**



**(1) Portable shortwave antenna.** For travel or home. Clips over receiver's rod antenna. 23-ft. insulated wire stores on reel when not in use. **278-1374** ..... **8.99**



**(3) Antenna wire.** 70 ft. of extra-strong 14-gauge, 7-strand copper wire. **278-1329** ..... **6.99**



**(2) Outdoor antenna kit.** 70 feet of antenna wire, 50-ft. of insulated lead-in wire, insulators and window feedthrough strip. **278-758** ..... **9.99**



**(4) "Egg" insulators.** **278-1335, Pkg. 2/4.79**



**(5) Sealant for outdoor RF connections.** Locks out moisture and stays flexible. 5-foot roll. **278-1645** ..... **2.79**



**DX-375 gives you digital tuning in size ideal for travel.** Shortwave plus AM/FM. Pushbutton tuning. Memory presets for 30 stations, memory scan. Sleep timer, tone control, local/DX sensitivity control, 3" speaker, stereo headphone jack. 4 3/4" x 7 1/4" x 1 1/8". Add batteries or adapter (see table below). (TSP) **20-212** ..... **99.99**



**DX-350 brings you 12 bands in a compact size.** Take it along! Dial has 12 easy-to-read scales for AM, FM, LW and 9 shortwave bands. 2 1/2" speaker. Headphone jack. 4 x 7 x 1 1/2". Add batteries or adapter (see table below). (TSP) **20-209** ..... **59.99**

**Frequency coverage, battery requirements, AC and DC adapters for RadioShack shortwave receivers**

Model No.	Cat. No.	Tuning	Frequency Coverage	Batteries Required	AC Adapter	DC Adapter	Price
DX-350	20-209	Analog	LW, AM, FM, SW: 49, 41, 31, 25, 21, 19, 16, 13 and 11 meters**, AM mode only	4 "AA"	273-1454	273-1802	<b>59.99</b>
DX-375	20-212	Digital	AM, FM, FM stereo*, SW: 2.3-6.25MHz and 7.1-21.85MHz, AM mode only	2 "C"	273-1654	270-1560A	<b>99.99</b>
DX-390	20-214	Digital	Same as DX-398, below	3 "AA" and 4 "D"	273-1663	273-1802	<b>219.99</b>
DX-398	20-228	Digital	LW, AM, FM, FM stereo*, SW (Continuous 150kHz-29.999MHz. AM and SSB/CW modes)	4 "AA"	273-1662	273-1802	<b>249.99</b>
DX-394	20-224	Digital	LW, AM, SW. (Continuous 150kHz-29.999MHz, AM and SSB/CW modes)	(Operates on AC)	(Operates on AC)	270-1533	<b>249.99</b>
DX-392	20-219	Digital	Same as DX-398, above	3 "AA" and 4 "D"	273-1663	273-1802	<b>259.99</b>

\*Requires headphones. LW=longwave. SW=shortwave. kHz=kilohertz. MHz=megahertz. SSB=single sideband.

\*\*DX-350 frequency coverage includes 9 major international shortwave broadcast bands. These bands are usually referred to by meter (wavelength) equivalents, i.e., "the 41-meter band," "the 19-meter band," etc. For exact coverage in MHz, see owner's manual.



### Portable AM/FM radio with extended AM range

This high-performance portable delivers great reception—even picks up distant AM stations. The FM-AFC lets you lock in FM stations for drift-free reception. Wide or normal bandwidth switch gives you better sound on strong stations. The big 5" speaker and 1½" tweeter combine to give you superior sound quality. Rotary bass and treble controls for customizing the sound to suit your taste. With earphone jack and telescoping antenna. UL listed AC (or 6 "D" batteries, extra). (TSP) **12-603, 59.99**



### Mini stereo portable

Ideal for office, dorm or travel. This AM/FM stereo receiver features FM-AFC for clear reception, a balance control, dual 3" speakers, and flexible strap. Requires 4 "AA" batteries or power adapter: AC #273-1454, DC #270-1560. **12-732 . . . . . 29.99**



### 5-band portable with TV sound and extended AM range

Even when you can't watch TV, you can still listen. Enjoy AM/FM plus TV sound on VHF channels 2-13 and UHF channels 14-69. Enhanced AM tuning for great reception on distant AM stations. FM-AFC prevents FM station drift. Rotary bass and treble controls. 5" speaker and 1½" tweeter for excellent sound. Earphone jack and telescoping antenna. Jacks for adding external antenna. UL listed AC (or 6 "D" batteries, extra). (TSP) **12-604 . . . 79.99**

### Portable tunes "everything"

Enjoy local AM and FM stations, international short-wave, channel 2-13 TV sound, VHF aircraft and Citizens Band communications. Add a microphone and it's a portable PA system. With earphone and shoulder strap. UL listed AC (or 4 "D" batteries or DC adapter #273-1802, extra). (TSP) **12-649 . . . . 99.99**



### Rugged AM/FM portable radio

This hard worker features an FM ceramic filter for best reception, FM-AFC to lock in stations, hi/lo tone switch and telescoping FM antenna. Large 3" speaker, earphone. UL listed AC (or 4 "C" batteries, extra). **12-726 . . . . . 24.99**

### Portable with 4" speaker

Switchable FM-AFC improves reception of weak stations adjacent to stronger ones. Has tone control, slide-rule tuning, full-range 4" monaural speaker. With earphone. UL listed AC (or 4 "C" batteries, extra). (TSP) **12-639 . . . . . 39.99**

### Digital AM/FM clock radio

LCD display, station-search feature and 10 memory presets make it easy to find your favorite stations. Clock with alarm. Requires 4 "AA" batteries or AC adapter #273-1454, DC #273-1802. (TSP) **12-626 . . . . . 39.99**



### AM/FM with Bass Boost

Bass Boost enhances lows for deep, rich sound. FM-AFC locks in stations for "drift-free" reception. Full-range speaker delivers clear sound. With earphone. UL listed AC (or 4 "C" batteries, extra). **12-686 . . . . . 29.99**



### AM/FM radio with TV-sound

Tunes VHF channels 2-13 audio so you can keep up with TV news and sports on the go. FM-AFC locks in stations while Bass Boost enhances lows. Full-range speaker. With earphone. UL listed AC (or 4 "C" batteries, extra). (TSP) **12-687 . . . . . 39.99**



### Under-cabinet clock radio with AC outlet and timer

Makes a great cup of coffee! Features AC appliance outlet with timer. Lets you plug in another appliance, like a coffee maker, and program times to turn it on and off automatically. UL listed AC (requires 9V for battery backup). (TSP) **12-1612 . . . . . 34.99**



# Nobody Beats Our Selection

RadioShack is the first name in radios, so when you need something to suit your active life, we've got personal stereos, headset, or pocket radios that are ready to go where you go, every step of the way!



Available October 1, 1997

## New AM/FM stereo with built-in alarm clock and digital tuning

Wake up on time wherever you are! Digital tuning with 10 AM and 10 FM memory presets, E-Bass and detachable belt clip. Listen through the mono speaker or add headphones for private stereo listening. Requires 2 "AAA" batteries. (TSP) 12-792 . . . 49.99



## Compact AM/FM stereo

Ultra small and lightweight—goes anywhere. Comes with in-ear stereo earphones. Requires 1 "AAA" battery. 12-917 . . . 29.99



## Pocket AM/FM stereo

Listen through the speaker or add headphones for private stereo listening. FM-AFC for drift-free reception. Requires 2 "AAA" batteries. 12-610 . . . 19.99



## Lightweight AM/FM stereo with earbuds

Stereo/mono switch improves reception of weak signals, distant stations. Rotary volume control. Detachable belt clip, headphone jack. Requires 2 "AAA" batteries. 12-455 . . . 19.99



## New Sports radio with earbuds and headband

With stereo earbuds, headband and armband—great for workouts or outdoor activities. Requires 1 "AAA" battery. 12-211 . . . 21.99  
Available October, 1997



## AM/FM sports pocket radio with armband

Belt clip and adjustable armband keep your hands free. FM-AFC, stereo headphone jack. Requires 2 "AAA" batteries. 12-209 . . . 21.99



## AM/FM radio with TV sound, VHF-aircraft and weather bands

This multiband portable receives AM, FM, National Weather Service reports and forecasts, plus VHF for aircraft communications between pilots and control towers. Also tunes channels 2-13 TV sound so you can hear your favorite TV programs. Requires 4 "AA" batteries or adapter: AC #273-1662, DC #273-1802. (TSP) 12-456 . . . 39.99



## AM/FM/TV-sound

Hear AM, FM and TV channels 2-13. FM-AFC. With earphone. Requires 3 "AA" batteries or power adapter: AC #273-1662, DC #270-1560. 12-617 . . . 29.99



## AM/FM/VHF-air pocket radio

Hear AM/FM plus VHF aircraft. FM-AFC. Earphone, wrist strap. Requires 3 "AA" batteries or power adapter: AC #273-1662, DC #270-1560. 12-615 . . . 24.99



## Deluxe pocket AM/FM with tone control

Hi/lo tone control delivers best sound on voice or music broadcasts, while FM-AFC locks in stations. Built-in speaker, earphone, wrist strap. Requires 3 "AA" batteries. 12-454 . . . 14.99



## Pocket radio for pocket change

A real value! Features FM-AFC to lock in stations, rotary volume control and an earphone for private listening. Requires 2 "AA" batteries. 12-789 . . . 12.99



## Pocket AM/FM sports radio

Take it jogging, biking, skating or any other outdoor activity. FM-AFC locks in stations. Requires 2 "AAA" batteries. 12-190 . . . 12.99

## Fun stuff!



## Popular Flavoradio®

Great first radio for a kid. Built-in monaural speaker. Includes earphone and handy wrist strap. Requires 2 "AA" batteries. 12-201 . . . 6.99



## New AM/FM FunMate®

Compact, sleek styling—kids love 'em. Features built-in speaker, earphone and wrist strap. Requires 2 "AA" batteries. 12-794 . . . 9.99

Available October 30, 1997



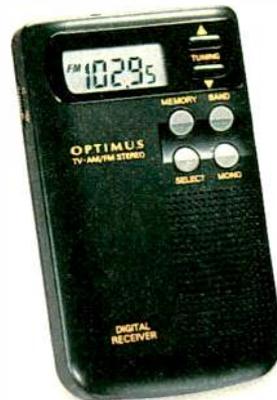
## Colorful, portable AM/FM with handle

Small size, big sound. Unique look makes it a hit with kids. FM-AFC locks in stations. Requires 4 "AA" batteries. 12-208 . . . 14.99



## Sony® FM stereo and AM stereo

Get stereo from AM stations broadcasting in AMAX format as well as from FM. With headphones. Requires 2 "AA" batteries. 12-127 . . . 29.99



## Digital-tuning AM/FM/TV-sound

Pushbutton digital tuner with 19 presets locks in FM stereo, AM and TV audio (channels 2-13). Built-in monaural speaker. Requires 2 "AA" batteries. Was \$69.99 in '97 catalog. (TSP)

12-174 . . . New Low Price! 59.99



# Portables for Busy Bodies



**New** Two ways to listen—use as a radio or as stereo headphones

These lightweight headphones weigh less than 6 oz. and are so comfortable, you'll never want to put them down! Built-in AM/FM radio with Extended Bass and rotary volume and tuning controls lets you enjoy music while you're out and about. Or, add a patch cable (see page 121) to the 1/8" input jack and hook it up to your home stereo system or portable for listening to your favorite tunes. Requires 2 "AAA" batteries. (TSP)

12-922 ..... 39.99

Available October, 1997



**Folding design**

AM/FM radio headset folds so compactly, you can even pop it in your pocket or purse. Lightweight—weighs less than four ounces. Extended Bass. Requires 1 "AAA" battery. (TSP)

**Light AM/FM stereo headset**

Weights just 4 oz.! Adjustable double headband for comfortable, secure fit. Extended Bass to enhance low frequencies. Flexible antenna. Requires "AAA" battery. (TSP)



Easy-to-adjust controls

**RadioShack Sports AM/FM radio headset with digital tuning**

Water-resistant headset has digital tuning with 10 FM and 10 AM presets for easy station recall. FM-AFC locks in stations. Adjustable double headband for a secure fit. AM/FM stereo tuner with break-resistant flexible FM antenna. Requires 2 "AAA" batteries. (TSP)

**Sports radio headset**

Stands up to a workout while it shrugs off dust and moisture. Adjustable double headband for a secure fit. AM/FM stereo tuner with easy-to-use rotary volume controls. Requires 2 "AAA" batteries. (TSP)

12-914 ..... 39.99



**Enjoy stereo in comfort**

Now there's no need to worry about loose-fitting headphones—double headband ensures secure fit. AM/FM stereo analog tuner with break-resistant flexible FM antenna. Requires 2 "AAA" batteries. (TSP)

**New** Double headband

Comfortable double-headband design, Extended Bass and a great low price make this a real value. Cushion earpads. Requires 1 "AAA" battery. (TSP)



12-919 ..... 24.99



**Water-resistant AM/FM radio**

With this radio, you'll never miss a beat—even in the shower! Features large hook and cord for hanging by the shower or pool. Easy-to-turn tuning and volume controls. Built-in FM antenna. Big 3" speaker. Requires 2 "AA" batteries. (TSP)

Handy towel hook

12-787 ..... 19.99

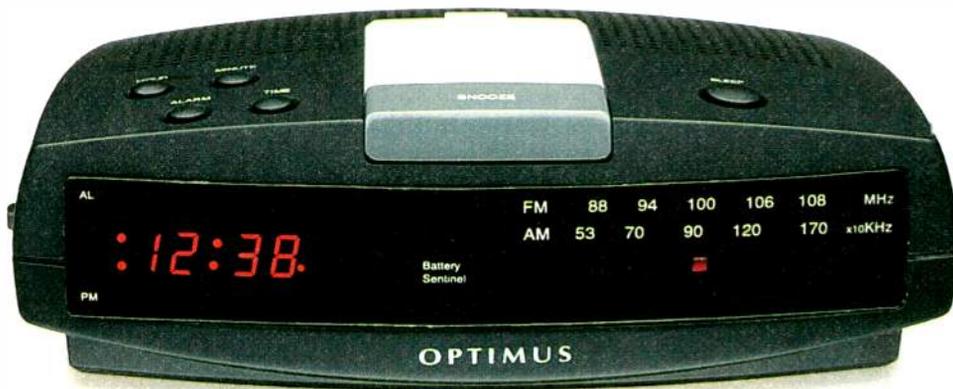


**AM/FM shower radio**

Ideal for bathroom or poolside. One-hour auto shut-off prevents battery drainage if radio is accidentally left on. Large knobs for easy band selection, volume and tuning. FM-AFC locks in stations. Requires 3 "C" batteries. (TSP)

12-605 ..... 29.99





Available October 30, 1997

### New Clock radio with night light—so you won't go bump in the night

**Optimus® CR-317.** No more fumbling around in the dark when you need to get up—handy night light with on/off and adjustable brightness switch gently illuminates the bedside area. RadioShack's exclusive Battery Sentinel warns you if battery is low. Need a few more minutes of shuteye? Just tap the snooze button. Easy-to-read 0.6" red LED display. Clock radio wakes with alarm, AM or FM radio. 2 $\frac{1}{4}$ " speaker for clear sound. Sleep timer lets you drift off to sleep while listening to the radio. Requires 9V battery for backup. 2 $\frac{5}{16}$ " x 7 $\frac{7}{16}$ " x 4 $\frac{3}{16}$ ". **12-1617 ..... 19.99**



### Our smallest and lowest priced

**Chronomatic-290.** Compact, yet big on performance. Wake to AM, FM or buzzer. On-top time and alarm-set buttons, sleep timer, snooze. 2 x 7 $\frac{1}{16}$ " x 4 $\frac{9}{16}$ ". Battery Backup. **12-1590 ... 14.99**



### Compact size and price

**Chronomatic-311.** Sleek black finish. Wake to AM, FM or alarm. 0.6" display, 2 $\frac{1}{4}$ " speaker. Sleep and snooze controls. 2 $\frac{1}{16}$ " x 7 $\frac{7}{16}$ " x 4 $\frac{7}{16}$ ". Battery Backup. **12-1605 ..... 17.99**



### New Extra-loud alarm, big display

**Optimus® CR-313.** Large .9" display with dimmer lets you adjust the brightness to suit surrounding light. Large buttons for easier set-up. Wake to radio or alarm. Sleep/snooze. Battery Backup/Battery Sentinel. 2 $\frac{3}{16}$ " x 9 $\frac{1}{16}$ " x 6 $\frac{1}{16}$ ". **12-1613 ..... 29.99**



### Space-saving clock radio

**Chronomatic-312.** Wake to radio or buzzer. Sleep/snooze,  $\frac{1}{8}$ " earphone jack. 4 $\frac{1}{2}$ " x 5 $\frac{1}{16}$ " x 4 $\frac{1}{2}$ ". Battery Backup/Battery Sentinel. Was \$24.99 in '97 catalog. **12-1607 ..... New Low Price! 19.99**



### New Full-size speaker & snooze

**Optimus® CR-314.** Top-mounted 3" speaker, large snooze bar. 0.6" green LED display. Green LED radio dial pointer for easy tuning. 2 $\frac{1}{16}$ " x 6 $\frac{1}{2}$ " x 7 $\frac{11}{16}$ ". Battery Backup/Battery Sentinel. **12-1614, 19.99**



### Portable AM/FM clock radio

LCD display, station-search and digital tuning make it easy to find favorite stations. Clock with alarm. Requires 4 "AA" batteries or AC adapter #273-1454, DC #273-1802. (TSP) **12-626 ..... 39.99**



### Dual alarms, green LED display

**Chronomatic-281.** Fast/slow buttons for easy time/alarm setting. Wakes with AM, FM or alarm. Sleep timer, snooze, hi/lo display dimmer. 1 $\frac{1}{8}$ " x 9" x 5 $\frac{15}{16}$ ". Battery Backup/Battery Sentinel. **12-1589 ..... 29.99**



Available October 30, 1997

### New Attractive woodgrain finish, easy to set

**Optimus® CR-319.** On-top controls with bigger buttons for easy time/alarm setting. Sleep and snooze controls. Battery Backup/Battery Sentinel. 1 $\frac{13}{16}$ " x 8 $\frac{3}{4}$ " x 5 $\frac{13}{16}$ ". **12-1619 ..... 24.99**



### Clock radio with built-in Weatheradio® alerts you if bad weather is on the way

**Optimus® CR-307.** Sounds a loud alarm when your local NOAA weather station sends its alert signal. Just touch a button to get details during alerts—or anytime to get the latest weather information and forecast. Digital display clock radio wakes with AM, FM or NOAA weather radio. Has sleep and snooze functions, easy-to-read display with dimmer switch, on-top 3" speaker for clear sound, 1/8" earphone jack, telescoping antenna. 2 7/8 x 8 1/8 x 5 1/2". Battery Backup system operates clock and alarm if AC power fails. Battery Sentinel LED alerts you if the backup battery is weak or missing. (TSP) **12-1610** ..... **49.99**



### Clock radio/cassette combo can wake you four ways

**Chronomatic-306.** Rise and shine to AM news, FM music, tape or alarm. Display with dimmer, sleep timer, snooze. Front-loading cassette with auto-stop. 4 1/8 x 8 7/8 x 3 1/8". Battery Backup. Was \$34.99 in '97 catalog. (TSP) **12-1579** ..... **New Low Price! 29.99**



### Clock radio with built-in cassette cuts bedside clutter

**Chronomatic-305.** Space-saving combo wakes with radio, tape or alarm. Cassette auto-stop, sleep timer, snooze, LED display with dimmer, 3" speaker, 1/8" earphone jack. 4 1/8 x 8 7/8 x 3 1/8". Battery Backup/Battery Sentinel. (TSP) **12-1608** ..... **39.99**



### Built-in stereo cassette player and adjustable alarm volume

**Chronomatic-293.** Dual 3" speakers deliver rich stereo sound. Wake to AM, FM, tape, or alarm at the volume you prefer. Sleep timer, snooze. Display dimmer. 1/8" stereo headphone jack. 4 1/2 x 12 7/16 x 5 1/2". Battery Backup/Battery Sentinel. (TSP) **12-1593** .. **49.99**



### New Sony® Dream Machine® stereo with built-in CD player

**Sony ICF-CD810.** Wake to AM, FM stereo, alarm or CD. Dual alarms, dual 3" speakers, sleep timer, snooze control. One-minute backup system for brief power failures. 4 1/8 x 11 1/4 x 8". (TSP) **12-1618** ... **89.99**  
**White.** Not shown. **12-1620** ..... **89.99**



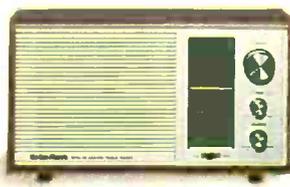
### Dual alarms, built-in stereo cassette player and recorder

**Chronomatic-309.** Wake to radio, alarm or a tape. Records from radio or "live" from built-in mic. Dual 3 1/2" speakers. 1/8" headphone jack. 5 1/8 x 13 7/8 x 4 3/8". Battery Backup/Battery Sentinel. Was \$79.99 in '97 catalog. (TSP) **12-1609** .... **New Low Price! 59.99**



### New Clock radio with display you can read across the room

**Optimus CR-315.** LED display has 1.8"-high digits and dimmer. Wake to AM, FM or alarm. Sleep timer lets you drift off with music. Tap the big snooze control for a few extra winks. 4 3/4 x 8 3/4 x 4 3/4". Battery Backup/Battery Sentinel. **12-1615** ..... **29.99**



### AM/FM table radio gives you classic styling and great sound

**RadioShack MTA-16.** Ideal for a reception area, kitchen counter, desk at work or a living room end table. Acoustically sealed cabinet, 4" speaker, tone control. Lighted dial. Terminals for adding external FM antenna. 5 1/8 x 10 1/4 x 3 1/8". **12-700** ..... **39.99**

#### QUESTION:

*If the power goes off, how can I be sure to wake on time?*



#### ANSWER:

Most of our clock radios have **Battery Backup**. Backup keeps the clock running up to eight hours, without the time display, if AC power fails. The backup battery also preserves your alarm settings and operates the alarm at the right time so you don't oversleep or miss a class or an appointment.



**Another benefit:** With Battery Backup, you can move your clock radio to another room without having to reset the clock or alarm.

Most models also feature **Battery Sentinel®**, a RadioShack exclusive. Battery Sentinel automatically tests the backup battery daily. If the backup battery is weak or missing, the Battery Sentinel LED lights to warn you.



Except where noted, backup systems require a 9V alkaline battery. For best results, always use RadioShack brand—the freshest you can buy.



# Instant Information, Instant Recall



Sliding cover protects controls

### Digital voice recorder

Don't write it—record it! Just press the button and talk—no more translating cryptic notes scribbled on the back of an envelope. Record memos, shopping lists, or reminders, up to 80 seconds total. Records and plays back memos at the touch of a button. Voice-activation records only while you're talking and extends recording time. Erase last message or all messages. Cover slides up to protect controls and prevent accidental deletion of messages. Easy to use anywhere—the belt clip doubles as a stand and also has a magnet. Includes long-life batteries. **63-944 . . . . 29.99**

*Our digital voice recorders are just the thing for quick reminders, memos, and shopping lists. Messages are stored on a digital chip—so you get instant playback with no tapes to worry about.*

*Our laser pointers have lots of features to help you get your point across at meetings and lectures. Stop by RadioShack today for a demonstration!*



Stores your special message for 100 years!

### Voice-recording frame

Lasting memories you can hear! Tell that special someone you love them with this unique photo frame with your own special message recorded on it. Records a message and stores it for up to 100 years—even with no batteries! Records on IC chip for instant playback.

**63-942 . . . . . 17.99**



### New Voice recorder key chain

The most useful keychain you'll ever own! One-touch recording and playback of memos or reminders, up to 12 seconds total. Perfect for helping you remember where the car is parked or what to get at the grocery store on the way home. Lock function for message protection. Memory backup in case of power failure. LED record and message-full indicators. Includes batteries. **63-945 . . . . . 14.99**

### Make your point with a RadioShack laser pointer!



**New Underlining laser pointer.** Great for presentations or anytime you want to get your point across. Not only shines a bright laser dot, but also has an underliner mode to more clearly highlight words and text. Long range—can easily be seen from up to 500 ft. away. LED shows when batteries are low. Requires 2 "AAA" batteries. **63-1049 . . . 99.99**



**New Pulsating laser pointer.** Eliminates needless movement and lets you keep your attention on your audience. Choose either a steady dot or flashing dot for emphasis. Visible from distances up to 300 feet away. Lightweight, easy-to-handle aluminum construction. Requires 2 "AAA" batteries. **63-1047 . . . . . 69.99**



**New Super-slim laser pointer.** Super lightweight brass pointer is nearly as thin as a ball-point pen. Powerful—500 foot range. LED indicates when batteries are low. Requires 2 "AAAA" batteries. **63-1050 . . . . . 79.99**



**New Slimline laser pointer.** Lightweight brass pointer fits great in your pocket or purse. Use up to 300 feet away. Requires 2 "AAA" batteries. **63-1046 . . . . . 49.99**



### Voice recorder with LCD display

The convenient way to take notes on the go. Records up to 20 seconds of information such as shopping lists, phone numbers and memos. LCD display shows active-memo length and sequence, total number of memos recorded and recording time used. Lock switch protects messages. Includes long-life battery. **63-939 . . . . . 24.99**

### Cordless pencil sharpeners



### Deluxe cordless pencil sharpener

Cordless convenience, but with the efficiency of an AC-powered pencil sharpener. Requires 4 "AA" batteries. **61-2590 . . 11.99**

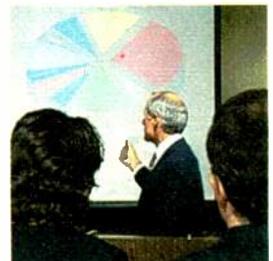


### Battery-powered pencil sharpener

Space-saving and easy-to-use portable sharpener. Includes spare blade. Requires 4 "AA" batteries. **61-2768 . . 3.99**



**New Keychain laser pointer.** Ideal for business people on the go—fits neatly in your briefcase, pocket or purse. Underlining beam focuses your audience's attention on text or pictures. 150-foot range with dot, 70-foot range with underliner. Requires 2 "AAA" batteries. **63-1048 . . . . . 59.99**



*Choose a laser pointer with the features you want—underliner, pulsating or steady dot!*



**1-800-THE-SHACK**

# Taking Notes? Jot it Down With Sound



### AC/battery with voice activation and auto-level recording

**CTR-69.** Voice activation makes recordings of meetings and lectures "hands-free" and saves tape and playback time. Switch auto-level on for consistent volume on speech recordings, or off for wider dynamic

range on music. Cue/review and tape counter make it easy to find a selected passage. End-of-tape auto-stop prevents tape stretching and damage to recording mechanism. Built-in mic, jacks for external mic and earphone. UL listed AC (or 4 "C" batteries or DC adapter #273-1802, extra). (TSP) **14-1154 . . . . . 69.99**



### Voice-activated recorder with variable-speed playback

**CTR-96.** Voice activated—records only when it senses sound. Ideal for taking class notes or dictation at the office. Play back your recording at normal or fast speed. Microphone with adjustable sensitivity pops up for better directional pickup. Locating your recordings is simple—just press the cue marker while recording to insert an audible tone on tape. Later, in cue/review, you can listen for the tone to find your marked passage. End-of-tape auto-stop saves batteries and protects tapes. Tape counter, external microphone jack, earphone. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) **14-1105 . . . . . 59.99**



### VOX, tape counter and cue/review

**CTR-107.** Features auto-level, auto-stop, one-touch record, pause, and earphone. Built-in mic, jacks for ext. mic and earphone. Uses 4 "AA" batteries or power adapter: AC #273-1662, DC #273-1802. (TSP) **14-1112 . . . . . 49.99**



### AC/battery, auto-level/cue/review

**CTR-100.** Great for meetings or lectures. High-speed playback, cue/review. Tone control, tape counter, auto-stop. Built-in mic, jacks for remote, ext. mic, earphone. Uses 4 "C" batteries or power adapter DC #273-1802. (TSP) **14-1109 . . . . . 49.99**



### One-touch voice recording

**CTR-102.** Perfect-volume recordings every time. Auto-stop. One-touch record, pause. Built-in mic, jacks for ext. mic, remote, earphone. UL listed AC (or 4 "C" batteries or DC adapter #273-1802, extra). (TSP) **14-1108 . . . . . 39.99**



### Auto-level record

**CTR-94.** Auto-level recording for consistent sound and volume. Auto-stop and pause. Built-in microphone, earphone for private listening, jacks for remote and external microphone. Uses 4 "C" batteries or power adapter: AC #273-1662, DC #273-1802. **14-1107 . . . . . 29.99**



### Auto-reverse Sony Pressman®

**TCM-59V.** Auto-reverse works during recording and playback so you won't miss a word. VOX, built-in mic, dual speakers. Playback speed control. Requires 2 "AA" batteries. (TSP) **14-1179 . . . . . 129.99**



### Variable Speech Control™

**VSC-2002.** Vary speed and pitch independently for understandable playback at twice normal speed. Requires 2 "AA" batteries or adapter: AC #273-1663, DC #270-1562. (TSP) **14-1158 . . . . . 79.99**



### Stereo cassette recorder with speaker

**SCR-59.** Great for taking notes or playing your favorite music! Tone control adjusts for best sound on speech or music. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) **14-1205 . . . . . 79.99**



### VOX and tape counter

**CTR-106.** Voice-activated for hands-free use. Tape counter helps find recorded sections quickly. Built-in mic, auto-level, end-of-tape auto-stop, and earphone. Uses 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) **14-1111 . . . . . 39.99**



### Auto-level cassette recorder

**CTR-105.** Review your notes in private with included earphone. Features auto-level for consistent sound, convenient one-touch recording and built-in microphone. Uses 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. **14-1101 . . . . . 29.99**



### VOX upright with tape counter and cue/review

**CTR-101.** Stands upright for easy recording. Voice activation eliminates silent gaps. Auto-level. Built-in mic, jacks for remote and ext. mic. Includes earphone. Uses 4 "AA" batteries or power adapter: AC #273-1454, DC #273-1802. (TSP) **14-1110 . . . 49.99**






**Telephone pickup.** For recording personal calls or keeping a record of unwanted calls. (May be incompatible with some electronic phones.) **44-533 . . . . . 3.99**

**Foot switch.** For handsfree remote operation of tape recorders—ideal for dictation. Foam cushion prevents slippage on smooth surfaces. **44-610 . . . . . 4.49**

**30-minute cassette tape.** Low-noise design. Good choice for recording speech, school notes, lectures and radio broadcasts. **44-910 . . . Pkg. of 2/1.79**

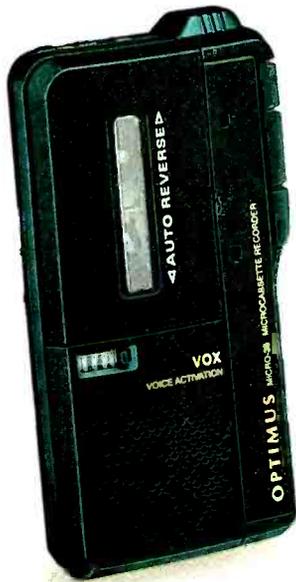
**Head cleaner cassette.** Extends portable player life by removing harmful oxide deposits. Cleans entire tape path. With cleaning solution. **44-1162 . . . . . 2.99**

**RECORDER ACCESSORIES**

See Index for these listings:

- Batteries • Cases • Cleaners • Headphones  
Microphones • Patch Cords • Tapes





### New Voice-activated micro with fast play and auto-reverse

**Micro-35.** Pocket-sized notetaker records hands-free with voice activation. Auto-reverse allows continuous play and recording. Features fast play—hear intelligible playback of recording at faster speed—ideal for reviewing notes and lectures. Slide control for easy cue/review. Two tape speeds and microphone with adjustable sensitivity. Jacks for adding earphone and external microphone. Tape counter, semi auto stop. Requires 2 "AA" batteries or adapter: AC #273-1654 or DC #273-1801. (TSP) 14-1162. . . . . 69.99



### 2-speed VOX micro recorder with tape counter, cue/review

**Micro-32.** Voice activation saves tapes and batteries. Two recording and playback speeds, auto-stop, one-touch record and pause. Mic, earphone jacks. Add 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) 14-1180. . . . . 49.99



### Micro with VOX and fast playback

**Micro-17.** Fast-play mode increases playback speed while keeping voices understandable. Auto-level control sets the proper recording level for perfect-volume tapes. Two speeds let you record up to three hours on one MC-90 tape. Also has cue/review, pause, tape counter, auto-stop. Built-in microphone and external mic jack, earphone, wrist strap. Uses 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) 14-1178. . . . . 69.99



### Easy-to-use microcassette recorder with fast playback

**Micro-21.** Controls are arranged for easy one-hand operation. Quick record lets you go from playback to record without stopping the tape. You get two speeds for up to three hours recording on one MC-90 tape. Has pause, fast-play, cue/review and auto-stop. Built-in microphone and earphone jack. Requires 2 "AA" batteries or power adapter: AC #273-1662, DC #270-1560. 14-1159. . . . . 39.99



### VOX micro with one-touch record

**Micro-22.** This pocket-sized notetaker gives you convenient voice activation for hands-free taping, auto-level recordings, plus end of tape auto-stop. Two tape speeds for up to three hours recording. Also features built-in microphone with adjustable sensitivity, cue/review, pause, and ED record/battery indicator. Earphone jack. Add 2 "AA" batteries or adapter: AC #273-1662, DC #270-1560. (TSP) 14-1160. . . . . 49.99



### Auto-level micro recorder

**Micro-31.** Low-priced, yet packed with features! One-touch recording makes it a great on-the-spot notetaker. Has auto-level for consistent volume on recordings plus cue/review to listen at high speed to find selected passages. Two tape speeds, pause. Built-in microphone. Jack for adding earphone. Requires 2 "AA" batteries or power adapter: AC #273-1662, DC #270-1560. 14-1161. . . . . 29.99

*Buzz*  
WORDS

**VOICE ACTIVATION (VOX).** Records at the sound of speech or loud sounds, stops during silences to save tape, batteries and playback time.

**AUTOMATIC LEVEL CONTROL.** Ensures a consistent volume level on recordings every time—no guesswork!

**CUE/REVIEW.** Enables you to hear playback in fast-forward and rewind modes to find desired passages on tape quickly.

**POP-UP MIKE.** Lets you switch the position angle of a built-in mic for better directional pickup.



### Micro recorder accessories



#### Microcassettes

Type	Total time	Cat. No.	Price	3-up
MC-60	Up to two hours	44-640	2.99	2.57
MC-60	3-pack/six hours	44-647	6.99	6.01
MC-90	Up to three hours	44-644	6.99	6.01

**Mini Cassette 30.** For rim-drive recorders. Up to 30 minutes total recording time.

44-633. . . . . Each 2.99



#### Microcassette tape

**MC-30.** Records up to 30 minutes.

43-412. . . . . 3.59



#### Outgoing micro tape

**MC-15.** Fits most micro answers. 15-minute recording. 43-409. . . . . 3.49



#### Micro head cleaner

Load like an ordinary microcassette to gently clean the tape path and restore voice clarity.

44-1166. . . . . 2.99



#### Microcassette cleaner kit

Restores clarity. With micro-size cleaning cassette, probe, mirror and cleaning solution.

44-1168. . . . . 5.99



**AC-to-DC adapter.** UL listed. Power 1.5/3/4.5/6/7.5/9 or 12VDC devices from AC outlet. Includes 6 different plugs. 300mA. 273-1662. . . . . 12.99

**Regulated AC-to-DC adapter.** UL listed. Powers many personal portables requiring 1.5 or 3 volts DC from home AC outlet. 300 mA. With 2 plug adapters. 273-1654. . . . . 13.99





Available Oct. 1997

**New Tapeless, digital recorder with voice activation, up to 37 minutes of recording time, and memory**

(1) No tape to break, wear out, replace—or rewind! Flash memory circuit provides fast access. Ideal for storing and finding multiple personal memos, reminders and lists. Advanced LCD display shows 10-segment volume bar-graph, number of messages stored (up to 199), elapsed time and deleted message confirmation. It also displays basic functions: record, play, search, pause and skip-up/down. Erase a single message or all messages at the same time. Interlock button for recording. It's small enough to easily fit in a pocket or purse—only 4.5" tall and 2.4" wide. Low battery indicator, earphone jack. Uses 2 "AA" batteries. (TSP) 14-1113 ..... **119.99**

**New Tapeless, digital personal recorder with up to 4 minutes of recording time**

(2) All-digital, no tape needed. Performs all the basic functions—record, play, stop, and rewind—plus advanced functions like skip repeat, play last message, erase last message or erase all messages. Convenient indicator numbers messages so you can access each one quickly. Number of messages limited only by memory. Small enough to comfortably fit in your pocket at 2 3/8" x 4 3/8". Includes belt clip. Requires 3 "AAA" batteries. (TSP) 14-1114 ..... **39.99**



Available Oct. 1997

**For permanent records, store and save your microcassette tapes for future reference. Ideal for students, doctors, business people...**



Slide key controls



Small & thin



**VOX micro with slide-key controls and index marker**

**Micro-34.** For easier note taking, here's a new twist. Slide keys let you record/stop/play/rewind quickly and smoothly—there's no more fumbling with buttons! Index marker, tape counter, two tape speeds, quick-record, quick-review. Jacks for earphone and external mic. Uses 2 "AA" batteries or adapter: AC #273-1654, DC #270-1560. (TSP)

14-1061 ..... **79.99**

**Our smallest microcassette with VOX, auto-level, tape counter and cue/review**

**Micro-33.** Designed to meet the everyday demands of journalists, interviewers and business travelers. Thin case slips easily into a pocket. Voice activation lets you record hands-free and auto-level assures consistent volume. Has two speeds for recording up to three hours on one MC-90 tape. Find passages during playback with cue/review. Tape counter, auto-stop, quick-record and quick-review, built-in microphone. Jack for external mic. Requires 2 "AAA" batteries or power adapter: AC #273-1654 or DC #270-1560. (TSP)

14-1045 ..... **149.99**

**Voice-activated microcassette with quick record and index tone**

**Micro-28.** Convenient voice activation starts recording when someone talks, stops during silences. Quick record lets you instantly change from playback to record. Index tone lets you mark passages to help find them later. Has noise-cut switch to reduce background noise, two tape speeds, cue/review, built-in microphone, jacks for adding external mic and earphone. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) 14-1177 ..... **99.99**





**Digital tuning & Extended Bass for big sound on the go**

**SCP-78.** Compact and lightweight! Extended Bass delivers powerful bass "punch". Digital tuning locks in stations for crisp, drift-free reception. 10 AM and 10 FM presets give you easy access to your favorite stations. End-of-tape auto-stop reduces wear and tear on the tape mechanism and extends battery life. LCD clock with alarm. Belt clip. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP)  
**14-1080** ..... 49.99



**New Lightweight headphones**

**Nova-13.** Adjustable headband, foam earcushions for comfort. 30mm drivers deliver superb sound. 1/8" gold-plated L-plug. **33-1113** ..... 9.99



**Built-in speaker, auto-reverse**

**SCP-68.** Plug in stereo headphones for private listening, or share the music through built-in monaural speaker. Auto-reverse, Extended Bass. AM/FM stereo radio. Requires 2 "AA" batteries or adapter: AC #273-1654, DC #270-1560. (TSP)  
**14-1224** ..... 49.99



**New Sports AM/FM stereo cassette**

**SCP-80.** Take it anywhere—tough, weather-resistant design keeps out dust and moisture. Extended Bass delivers deep, rich lows. Cassette player with auto-reverse gives you continual listening enjoyment. AM/FM stereo tuner. Removable belt clip. Requires 2 "AA" batteries. (TSP)  
**14-1098** ..... 49.99

Available October, 1997



**New Comfortable headphones**

**Nova-11.** Great choice for use with a personal stereo. Adjustable headband. 4-foot cord with 1/8" plug. **33-1111** ..... 7.99



**AM/FM stereo cassette with auto-reverse**

**SCP-79.** Loaded with features. Stereo cassette player with auto-reverse for non-stop listening enjoyment, Extended Bass for low-end boost, and removable belt clip. Includes lightweight head-



**New AM/FM stereo cassette gives you longer battery life**

**SCP-93.** This stereo keeps playing as long as you do—up to 25 hours of playing time between battery changes! Auto-stop helps prevent damage to your favorite cassettes. Extended Bass, AM/FM stereo cassette with rotary tuning and volume controls. Belt clip for hands-free carrying. Requires 2 "AA" batteries or AC adapter #273-1654.  
**14-1236** ..... 39.99

Available October, 1997

**Budget-priced headphones**

**Nova-35.** Adjustable headband and soft, foam earpads. 4-foot cord with gold-plated 1/8" L-plug. **33-1100** ..... 5.99



phones. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560.  
**14-1088** ..... 39.99

**Lightweight ear buds**



**In-ear stereo 'phones**

- (1) **Our best in-ear 'phones.** 16-22,000Hz response. 40" cord with inline volume control and gold-plated 1/8" plug. With case. **33-991** ..... 29.99
- (2) **Ultraflight in-ear 'phones.** Just 0.42 ounce! Response, 120-20,000Hz. 43" cord with 1/8" L-plug. **33-980** ..... 14.99
- (3) **Budget in-ear 'phones.** Response, 120-20,000Hz. 46" cord with 1/8" plug. Case has wind-up cord storage. **33-970** ..... 9.99



**Auto-reverse & Extended Bass**

**SCP-82.** Has both auto-reverse for continuous listening enjoyment and Extended Bass for low-frequency enhancement. AM/FM stereo radio. Removable belt clip. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560.  
**14-1223** ..... 39.99



**New Radio and cassette player**

**SCP-91.** Even our lowest-priced radio with cassette player gives you the great sound of Extended Bass for a low-frequency boost whenever you need it. End-of-tape auto-stop. FM-AFC locks in stations for drift-free reception. With belt clip and lightweight headphones. Requires 2 "AA" batteries. **14-1234** ..... 24.99



Records and plays!



**New Stereo cassette recorder with E-Bass, speaker**

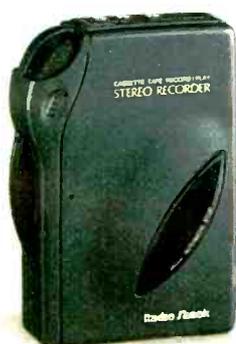
**SCR-96.** Perfect for listening to music while you're working out or at work—anyplace you'd like to hear music, sports or news! Extended Bass adds a deep rich sound to your favorite tracks. Stereo mini-jack for adding headphones, so you can listen in private. Microphone lets you record notes during a meeting or class. Auto reverse, cue and pause functions included. Belt clip. Requires 2 "AA" batteries or adapter: AC #273-1654, DC #270-1560. (TSP) **14-1239** ..... **89.99**

Available November, 1997



**New Digital tuning, auto-reverse, 18 presets and Dolby® B NR**

**SCP-87.** Digital tuning makes it easy to find your favorite stations! When you do, you've got 12 FM and 6 AM preset buttons to lock 'em in. 4 preset multi-sound processors let you select the frequency response suitable for your favorite type of music. You can select Pop, Rock, Jazz or Classic. Cassette Dolby B reduces tape hiss. Convenient side switch for play and reverse. Auto reverse plays the other side of tape automatically. Fast forward and stop buttons. Requires 2 "AA" batteries or adapter: AC #273-1654, DC #270-1560. (TSP) **14-1230** ..... **89.99**



**Stereo cassette recorder**

**SCR-59.** Recorder with speaker is great for taking notes or playing music! Record "live" in stereo with the built-in microphones. Tone control adjusts for best sound. Cue/review, jacks for external microphones. Requires 2 "AA" batteries or power adapter AC #273-1654, DC #270-1560. (TSP) **14-1205** ..... **79.99**

Records and plays!



**Auto reverse and 3-band EQ**

**SCP-75.** You can enjoy uninterrupted listening thanks to auto-reverse, and customize the sound with the built-in 3-band equalizer. Dolby B NR cuts tape hiss, while metal/normal tape selection ensures the best sound from all tape types. Belt clip. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) **14-1218** ..... **69.99**



**Optimus sports stereo cassette player**

**SCP-85.** Rugged design lets you take it anywhere—sealed gaskets keep out sand and moisture. Digital tuner with 10 AM and 10 FM presets.

E-Bass enhances low-frequency response for rich lows. Auto reverse lets you spend more time playing music and less time playing with the controls. Requires 2 "AA" batteries. (TSP) **14-1226** ..... **69.99**



**Digital tuning, clock, auto-reverse**

**SCP-84.** Digital tuning locks in stations for best reception, and you can store up to 10 for easy recall. Auto-reverse plays both sides of a cassette with no need to flip the tape. Switch to Extended Bass to boost low frequencies. LCD clock with alarm.

Belt clip. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) **14-1225** ..... **59.99**

**AM/FM Stereo Cassettes**

From top-of-the-line, special-feature models to just the basics, RadioShack has the personal stereo for you. Stop by today to see our complete selection!

**Add great-sounding lightweight headphones to any personal stereo!**



**Our best lightweight digital headphones. Pro-25.** Great for personal stereos and portable CD players! Titanium-layered diaphragms, oxygen-free coils and neodymium magnets team up for superb sound. 6-foot cord with inline volume control. (TSP) **33-1022** ..... **39.99**



**Compact fold-up design. Nova-37.** Side-firing in-ear drivers provide solid bass response. Headband folds up compactly for easy carrying in a gym bag, hip pack or purse. 45" cord with 1/8" L-plug. **33-2003** ..... **17.99**

**Stereo/mono. Nova-42.** A stereo/mono switch and 16-foot cord make these ideal for private listening to home audio or a portable TV. Gold-plated 1/8" plug. **33-1115** ..... **14.99**





**New Mini entertainment system with compact cube speakers & headphones**

**SCP-94.** Get the best of both worlds! You can share the sound of your favorite cassettes and AM/FM stations through the compact speakers, or privately enjoy rich stereo with the comfortable lightweight headphones. Switch on Extended Bass to enhance low frequencies for a solid bass beat. End-of-tape auto-stop saves batteries, reduces wear and tear on tape mechanism and helps prevent damage to tapes. Removable belt clip for easy portability. Requires 2 "AA" batteries. (TSP) 14-1237 . . . . . **34.99**



**AM/FM stereo cassette with auto-reverse**

**SCP-79.** You get the most-wanted features and easy-to-use controls. Cassette player has auto-reverse for non-stop listening enjoyment. Extended Bass delivers low-end boost. Removable belt clip. Includes lightweight headphones. Requires 2 "AA" batteries or power adapter: AC #273-1654, DC #270-1560. (TSP) 14-1088 . . . . . **39.99**



**Big sound, big value**

**CTR-91.** Enjoy great sound anywhere! Monaural AM/FM cassette records off the air or "live" with the built-in mic. 3 1/2" speaker for clear sound. Auto-level recording for consistent sound and volume. End-of-tape auto-stop protects tapes and saves batteries. UL listed AC (or 4 "C" batteries or DC adapter #273-1802, extra). 14-861 . . . . . **39.99**



**New 3-band equalizer and headphones**

**SCP-88.** Use the 3-band equalizer and Extended Bass to adjust the sound to suit your musical taste. Auto-reverse lets you play both sides of a cassette with no need to flip the tape. Rotary volume control. Removable belt clip. Requires 2 "AA" batteries. (TSP) 14-1231 . . . . . **29.99**



**New AM/FM stereo cassette**

**SCR-65.** AM/FM stereo tuner with cassette player delivers great sound through dual 3" stereo speakers. Record from radio or with built-in microphone. End-of-tape auto-stop saves batteries and reduces wear on tape mechanism. Headphone jack, AFC tuning control. 6 "C" batteries or DC adapter #273-1651, extra. (TSP) 14-732 . . . . . **39.99**



**New Stereo cassette with headphones**

**SCP-730.** Stereo cassette with Extended Bass to enhance low-frequency response. End-of-tape auto-stop. Headphones, removable belt clip. Requires 2 "AA" batteries. 14-1235 . . . . . **14.99**



**Kids' stereo cassette with big buttons**

**CTP-73.** Kids can listen to tapes in stereo with included headphones. Big, colorful buttons are easy for little fingers to push. Hi/lo tone control. Handy carrying strap. Requires 2 "AA" batteries. 14-864 . . . . . **19.99**



**High-quality audio recording cassettes and accessories**



**(1) XR—Premium ferric type I**

Perfect for general recording on portable stereo equipment. Delivers optimum performance at normal bias for greater detail.

Type	Total rec. time	Cat. no.	Price per pack			
			1-2	3-11	12-49	50-499
XR-60 3-pack	180 min.	44-984	3.99	3.59	3.19	2.79
XR-90 3-pack	270 min.	44-985	4.99	4.49	3.99	3.49
XR-120 3-pack	360 min.	44-986	7.99	7.19	6.39	5.59

**(2) HD—Digital-ready high-bias type II**

Great choice for recording on home and portable stereos with Chrome/hi-bias switch position. Delivers wider range and reduced noise for crisp, clear playback on your personal player.

Type	Total rec. time	Cat. no.	Price per pack			
			1-2	3-11	12-49	50-499
HD-60 3-pack	180 min.	44-946	6.99	6.29	5.59	4.89
HD-90 3-pack	270 min.	44-947	7.99	7.19	6.39	5.59
HD-90 5-pack	450 min.	44-998	12.99	11.69	10.39	9.09
HD-110 3-pack	330 min.	44-948	9.99	8.99	7.99	6.99



**(3) Foam earpad replacement sets**

(3) For RadioShack Nova-35 (#33-1100) and other lightweight stereo headphones. 33-374 . . . . . Set of 4/2.99



(4) (4) For most lightweight headphones. 33-377 . . . . . Set of 4/2.99  
For mini headsets. 33-375 . . . . . Pair 99c



(5) (5) For most micro in-ear headsets. 33-376 . . . . . Set of 4/99c

**Lightweight 'phones with gold-plated 1/8" plug and 1/4" adapter**

**Nova-43.** Adjustable headband. Gold-plated plug and adapter for versatile use with portable or home stereo equipment. 5 1/2-foot cord. Response, 20-20,000Hz. 33-1125 . . . . . **19.99**



**Liquid deck cleaner**

Restores player performance and helps prevent "tape-eating" by cleaning head, capstan and roller. Ideal for portable tape players. 44-1116 . . . . . **4.99**



**16-tape soft case**

Great way to protect your favorite cassettes. Carries 16 boxed or 24 unboxed audio cassettes. Heavy-duty nylon construction. 44-1220 . . . . . **7.99**





With flashing safety light

**New Rugged Sports AM/FM stereo cassette player with flashing personal safety light**

SCP-95. Great for jogging at night—flashing wristband-mounted safety light makes you more visible to motorists and other joggers. Take it anywhere—weather-resistant design protects it from dust, moisture and sand. Earbuds give you great sound with a comfortable, secure fit. Extended Bass enhances low-end frequency response for more bass impact. AM/FM stereo with AFC for crisp, drift-free reception. Removable belt clip. Requires 2 "AA" batteries or DC power adapter #273-1654 and 2 "AAA" batteries for safety light. (TSP) 14-1238 . . . . 39.99



**Sports fold-up design**

With samarium cobalt magnets and side-firing in-ear design. Moisture resistant. Response, 20-20,000Hz. 1/8" L-plug. 33-1124 . . . . . 19.99



**Fold-up design**

Nova-37. Side-firing in-ear drivers provide solid bass response. Headband folds up compactly for easy carrying. 45" cord with 1/8" plug. 33-2003 . . . . . 17.99



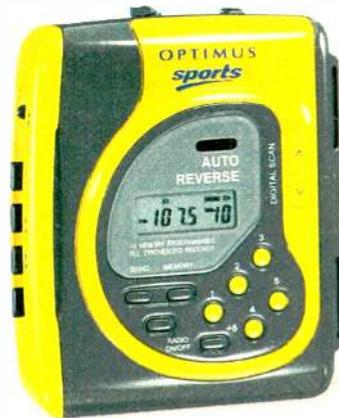
**Mini speakers for sports stereos**

Yellow enclosures match sports-style players. Plug into jack on portable CD or cassette player to share the sound. 1/8" plug. 2 1/16 x 3 7/16 x 2 9/16". 40-1400 . . . . . Pair 9.99



**New Sports AM/FM stereo cassette player with auto-reverse**

SCP-80. Extended Bass delivers deep, rich lows. Cassette player features auto-reverse so there's no need to flip the tape. AM/FM stereo tuner with rotary volume control. Removable belt clip. Ideal for use at the pool or gym—tough, weather-resistant design keeps out dust and moisture. Requires 2 "AA" batteries. (TSP) 14-1098 . . . . . 49.99



**Optimus Sports stereo cassette player with digital tuning**

SCP-85. Take it anywhere—sealed gaskets resist sand and moisture. Digital tuner with 10 AM and 10 FM presets. Auto-reverse lets you spend more time listening and less time playing with the controls. Extended Bass for extra bass "punch". Removable belt clip for hands-free carrying. Requires 2 "AA" batteries. (TSP) 14-1226 . . . . . 69.99



**16-tape soft case.** Carry 16 boxed or 24 unboxed audio cassettes. Heavy-duty nylon construction. 44-1220 . . . . . 7.99



**10-tape soft case.** Carry 10 boxed or 18 unboxed audio cassettes. Heavy-duty nylon construction. 44-1219 . . . . . 4.99



**36-tape soft case.** Carry 36 boxed or 54 unboxed audio cassettes. Heavy-duty nylon construction. 44-1221 . . . . . 11.99



**36-tape plastic case.** Made of sturdy, hard plastic for extra protection. Holds up to 36 standard cassette tapes. 44-1207 . . . . . 9.99



**Sony Sports AM/FM Walkman**

Sony WM-FS399. Auto-reverse cassette player provides continuous listening enjoyment. Dolby B noise reduction reduces tape hiss. Anti-rolling mechanism keeps tape playing smoothly

even if it is bumped or jarred. Includes ultralight water-resistant headphones. Requires 2 "AA" batteries. (TSP) Yellow, 14-1228. Blue, 14-1241 . . . 69.99



**Sony Sports Walkman with AM/FM & TV sound**

Sony WM-FS495. Great for jogging or timing sports events with built-in digital stop-watch/clock. Digital tuning with presets for 15 AM/FM stereo and TV-audio (channels

2-13). Mega Bass® for low-end sound enhancement. Lightweight stereo headphones. Requires 2 "AA" batteries. (TSP) 14-1221 . . . . . 89.99



**1/8" stereo Y adapter.** Use 2 sets of headphones on one stereo. 42-2463 . . . . . 4.99



**Headphone volume control.** One-foot cord has inline attenuating volume control, 1/8" stereo plug at one end and 1/8" stereo jack at the other end. 42-2459 . . . . . 4.99



**Stereo carry bag.** Padded to protect your personal stereo and cassettes. 42-232 . . . 12.99





**Fold-up "sports" in-ear headphones**

Enjoy full, rich sound from your portable stereo and CD player. The headphones are water-resistant so you can wear them 'most anywhere—beach, pool, gym or while jogging. The comfortable stainless steel headband can be adjusted for a more secure fit and folds to fit in workout bag, purse or pocket. The samarium cobalt magnets deliver high-quality sound in a lightweight package. Wide 20-20,000Hz frequency response for full-range sound. 3-foot cord with 1/8" L-plug jack. **33-1124 . . . . . 19.99**

**For Listening On-the-Go**

*Here's a wide selection of stereo headphones that can keep up with your active lifestyle. We have one that fits your needs and budget.*

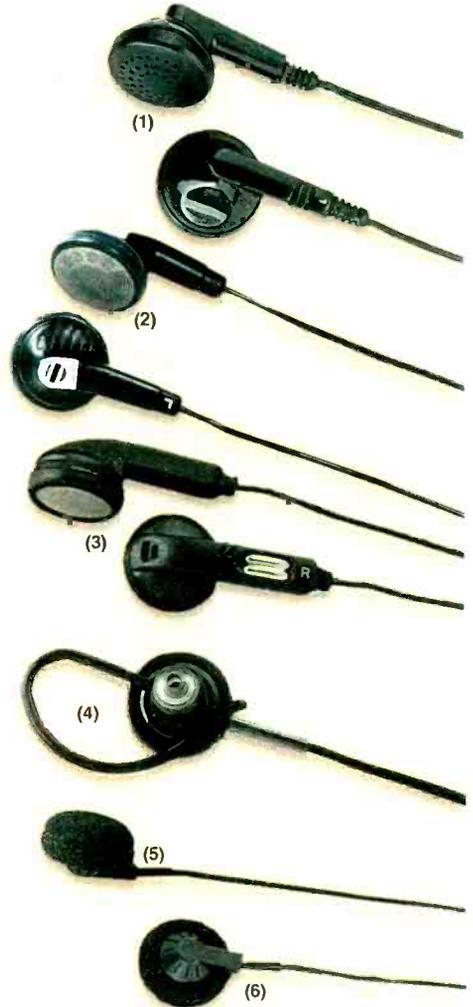
**Budget-priced headphones**

**Nova-35.** Even at this great low price, you get wide-angle frequency response for crystal-clear sound. An excellent choice for personal stereos and CD players. The adjustable headband and soft, foam earpads give you hours of listening comfort. The 1/8" L-plug is gold-plated for an even better connection. 4-foot cord gives you plenty of freedom. **33-1100 . . . . . 5.99**



**New Comfortable stereo headphones**

**Nova-11.** These lightweights are a great choice for use with a personal stereo, CD player or even a home stereo. They're designed to give you full-frequency sound and a comfortable feel. The adjustable headband with soft, foam earcushions provides a secure fit. 30-20,000Hz frequency response. 4-foot cord with 1/8" plug. **33-1111 . . . . . 7.99**



**Fold-up in-ear design**

**Nova-37.** Side-firing in-ear drivers provide solid bass response. Headband folds compactly for easy carrying in gym bag, pocket, purse. 45" cord, 1/8" L-plug. **33-2003 . . . . . 17.99**



**New Lightweight headphones**

**Nova-13.** Adjustable headband, foam earcushions for listening comfort. Isotope ferrite speakers deliver superb sound. 1/8" gold-plated plug. **33-1113 . . . . . 9.99**



**Headphones with stereo/mono switch—great for portable TV**

**Nova-42.** Stereo/mono switch and long 16-foot cord make these great for listening to home audio or a portable TV. In-line volume control. Gold-plated 1/8" plug. **33-1115 . . . . . 14.99**



**Lightweight with 1/8" plug & 1/4" gold-plated adapter**

**Nova-43.** Gold-plated plug and adapter for trouble-free hookup and brilliant sound. 5 1/2-foot cord. Response, 20-20,000Hz. **33-1125 . . . . . 19.99**



**In-ear stereo 'phones and monaural earphones**

- (1) **Our best in-ear 'phones.** 16-22,000Hz response. 40" cord with inline volume control and gold-plated 1/8" plug. With case. **33-991 . . . . . 29.99**
- (2) **Ultralight in-ear 'phones.** Just 0.42 ounce! Response, 120-20,000Hz. 43" cord with 1/8" L-plug. **33-980 . . . . . 14.99**
- (3) **Budget in-ear 'phones.** Response, 120-20,000Hz. 46" cord with 1/8" plug. Case has wind-up cord storage. **33-970 . . . . . 9.99**
- (4) **Deluxe monaural earphone with 25-ft. cord.** Flexible earclip, 1/8" plug. **33-178 . . . . . 5.99**  
With 10-ft. cord. **33-177 . . . . . 3.99**
- (5) **Monaural earphone with 1/8" plug.** Ideal for pocket TVs. 3 1/4-ft. cord **33-1002 . . . . . 1.99**
- (6) **Monaural earphone with 1/32" sub-mini plug.** **33-1003 . . . . . 1.99**





**Lightweight stereo headphones—perfect for use at home or on the go**

**Nova-44.** Lightweight, full-range headphones are designed for use with the latest digital audio equipment, CD players and portable stereo equipment. Enclosed, foam-filled leather earpads pivot for secure fit and help seal out external noise. Comfortable, adjustable foam-filled headband. High energy, ferrite magnet speakers deliver rich sound. Frequency response, 20-20,000Hz. 7½-ft. cord, ¼" plug. **33-1120 . . . . . 24.99**

**The Power of Rock, Up Close and Personal**

*RadioShack's headphones surround you in your favorite music. Optimus headphones handle the demands of the heaviest rock listener while faithfully reproducing the dynamics and subtleties of any type of music.*



**Built-in volume controls**

**Nova-57.** Built-in rotary controls let you adjust volume without getting up. Soft, foam-filled cushions and padded adjustable headband. Response, 12-18,000Hz. ¼" plug. **33-1056 . . . . . 19.99**



**Lightweight, open-air design**

**Nova-67.** Lets you keep the beat and still hear a phone or doorbell. Light and comfortable. Response, 20-20,000Hz. 8-foot Y-cord. ¼" gold-plated plug. **33-1026 . . . . . 34.99**



**Vented with volume control**

**LV-20.** Large foam-filled cushions retain bass, while vents ensure clarity and detail. Response, 20-20,000Hz. 8-ft Y-cord with inline volume control. ¼" gold-plated plug. **33-1001 . . . . . 39.99**



Inline volume control



**Headphones with microphone—ideal for use with your PC**

**Nova-70.** Dynamic boom microphone provides hands-free communication with voice-recognition software or PC speakerphone. Also great for use with PA mixers or multimedia systems for narration, sound and voice effects. Dynamic headphone delivers a frequency response of 20-20,000Hz. 8-foot cord, ¼" plug. **33-1098 . . . . . 39.99**



Keeps your hands free while using your keyboard, mouse or voice-activated software!

**New FEEL the sound—these headphones vibrate!**

**Nova-58.** Just flip the switch for an amazing audio experience—unique vibration effect enhances the bass sound of video games or stereo/video equipment. Neodymium magnets for great sound. Response, 5-22,000Hz. Closed-earcup design for maximum isolation from outside noise. Inline vibration on/off switch with rotary vibration control. ¼" gold-plated plug. Requires "AA" battery. (TSP) **33-1057 . . . . . 49.99**

Available November 30, 1997



**Comfortable, low-profile design**

**Nova-56.** Soft, foam earcushions pivot to rest lightly on your ears. Adjustable headband. 20-20,000Hz response. 8-foot Y-cord and ¼" plug. **33-2005 . . . . . 29.99**



inline volume control

**Our finest lightweight digital stereo headphones**

**PRO-25.** Enjoy lightweight comfort and heavy-duty performance. Titanium-layered diaphragms, oxygen-free coils and neodymium magnets team up for superb sound. 6-foot cord with inline volume control and gold-plated ¼" L-plug. Response, 15-20,000Hz. **33-1022 . . . . . 39.99**

**Want more in headphones?**

*RadioShack Unlimited™ offers additional selections by Sennheiser with all the latest looks and sound reproduction features that are sure to please demanding audiophiles. You can also get the AudioPort™ personal listening system. It helps those with hearing difficulties enjoy today's quality sounds at home, or at compatible public facilities. Consult the RadioShack Unlimited™ in-store catalog for the latest selections.*



# Optimus Headphones— Built to Rock

When you visit "The House That Rock Built" in Cleveland, you'll see and hear rock's legendary performers and explore rock's impact on modern culture. One way or another, RadioShack helps the Museum keep rocking.



## The headphones used at the Rock and Roll Hall of Fame and Museum's interactive exhibits!

**Optimus PRO-4AA by Koss®.** These studio-quality 'phones take listening to another level. Low distortion, with high sensitivity and power-handling ability. Drivers feature an efficient magnet and strong polyester diaphragm. Pneumalite™ earcushions seal out external noise. Response, 10-22,000Hz. 10-ft. coiled cord, 1/4" plug. (TSP) 33-1150. . . . . 99.99



**OPTIMUS®**  
AUDIO PRODUCTS  
OFFICIAL SPONSOR

## Officially Licensed Headphones of the Rock and Roll Hall of Fame and Museum!

**Optimus PRO-40.** Soft foam-filled cushions provide maximum isolation from outside sounds. 20-20,000Hz response. 8-foot cord with gold-plated 1/4" plug. (TSP) 33-1132. . . . . 49.99



For more information about the Museum, call 1-800-BUCKEYE.

## Deluxe full-size headphones—ideal for CD

**Optimus PRO-90.** Engineered to handle the wide dynamic range of CDs. Titanium-evaporated diaphragms for wide 10-22,000Hz response. Comfortable foam-filled cushions. 8-ft. cord, 1/4" gold-plated stereo plug. (TSP) 33-1140. . . . . 69.99



## Rechargeable 900MHz wireless stereo headphone system works through walls and floors

**Optimus® PRO 100.** Advanced 900MHz technology lets you enjoy clean, high-quality sound from your stereo, stereo TV or home theater up to 150 feet away, even outdoors. The comfortable full-size headphones have on/off, volume and fine-tuning controls. The system is super-easy to set up and use: just plug the transmitter into the audio-out or headphone jack of your stereo or TV. Includes transmitter hookup cords, 1/4" to 1/8" headphone plug adapter, headset charging cord and UL listed AC adapter. (TSP) 33-1145. . . . . 129.99

**Additional headphones.** Use an additional set of headphones with the system's transmitter base. With AC charger. **RSU 11451549.** . . . . . 69.99

**Extra AC charger.** **RSU 11451556.** . . . . . 9.99



## Rechargeable wireless infrared stereo headphone system

Boogie with freedom—no cord to get in your way or restrict you! Lightweight headphones have an on/off switch, volume controls, and jack for connecting the charging cord. Transmitter connects to headphone jack or audio-out jack on your stereo, TV or home theater system. Includes transmitter hookup cable, 1/8" plug adapter, 2 rechargeable "AAA" batteries and UL listed AC adapter. (TSP) 33-1143. . . . . 79.99



## Headphones with dynamic boom microphone

**Optimus PRO-50MX.** Perfect for DJs or singers. Closed vinyl earcushions with bidirectional mic on flexible boom. Headphone response, 20-20,000Hz. 9-ft. cord, gold-plated 1/8" mic and headphone plugs. (TSP) 33-1135. . . . . 49.99



## Vented with variable density cushions for big bass response

**PRO-60.** Enjoy the deep, rich bass of a closed-type headphone plus the accurate midrange and highs of a vented-type headphone. Response, 15-25,000Hz. 8-ft. coiled cord, 1/4" gold-plated plug. (TSP) 33-999. . . . . 49.99





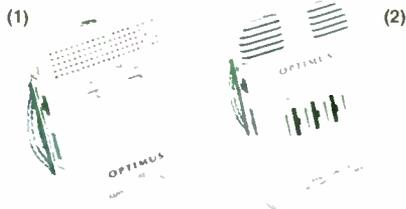
**Listen privately with our best pillow speaker**

Ideal for use with clock radios and TVs with a headphone jack. Rotary volume control, 6-foot cord with monaural 1/8" plug. (For use with CD players or other stereo equipment, add our #274-374 or #274-363 plug adapter. Sound will be monaural.) 33-208 . . . 5.99



**Pillow speaker**

4-ft. cord, monaural 1/8" plug. Add #274-374 or #274-363 plug adapter to use with stereo equipment. 33-206 . . . 3.99



**Stereo amplified listeners**

(1) Boosts sound for easier listening. Req. 2 "AAA" batts. and headset with 1/8" plug. 33-1093 . . . 24.99

(2) Stereo listener with 3-band EQ. EQ adjusts response to suit your needs. Requires 2 "AAA" batteries and headset with 1/8" plug. 33-1094 . . . 29.99



**(3) Foam earpad replacement sets**

(3) For RadioShack Nova-35 (#33-1100) and other lightweight stereo headphones. 33-374 . . . Set of 4/2.99

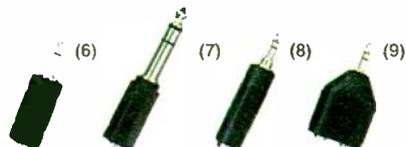
(4)

(4) For most lightweight headphones. 33-377 . . . Set of 4/2.99

(5)

For mini headsets. 33-375 . . . Pair 99c

(5) For most micro in-ear headsets. 33-376 . . . Set of 4/99c



**Headphone plug adapters**

(6) Accepts 1/8" stereo plug. Plugs into 1/8" monaural jack. Use lightweight stereo headset with monaural TV, recorder, CB, shortwave or scanner radio. 274-368 . . . 1.99

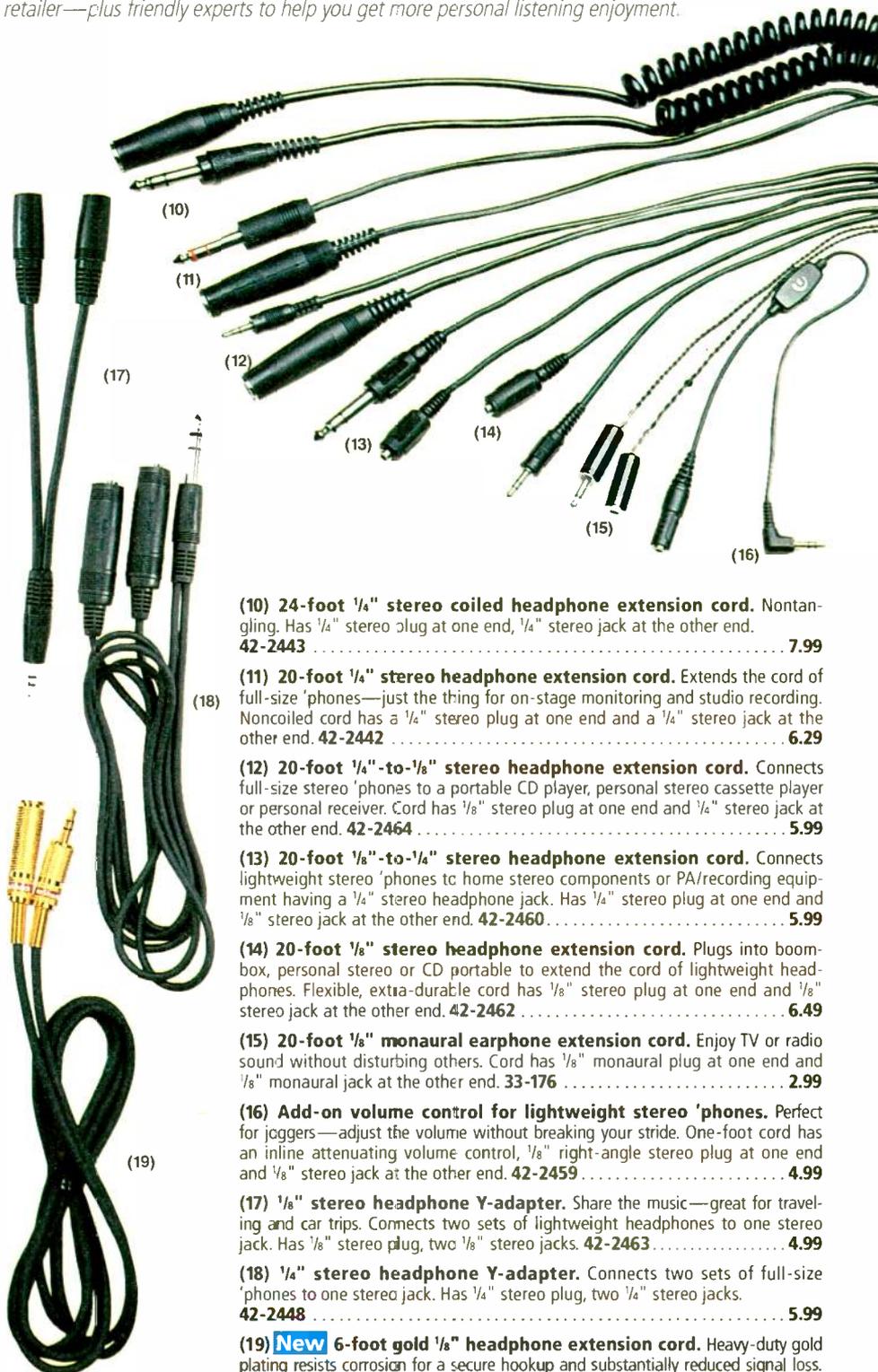
(7) Accepts 1/8" stereo plug. Plugs into 1/4" stereo jack. Use lightweight stereo headphones with home stereo that has a 1/4" headphone jack. 274-367 . . . 1.99

(8) Accepts 1/4" stereo plug. Plugs into 1/8" stereo jack. Use home headset with a portable. 274-366 . . . 1.99

(9) Accepts two 1/8" stereo plugs. Plugs into 1/8" stereo jack. Connect 2 headsets to 1 jack. 274-313, 3.99  
Accepts two 1/4" stereo plugs. Plugs into 1/4" stereo jack. (Not shown.) Lets you use 2 full-size headphones with your home stereo. 274-302 . . . 3.59

**We Have the Adapters and Extension Cords You Need**

RadioShack has the most complete selection of headphone adapters and cords of any nationwide retailer—plus friendly experts to help you get more personal listening enjoyment.



(10) 24-foot 1/4" stereo coiled headphone extension cord. Nontangling. Has 1/4" stereo plug at one end, 1/4" stereo jack at the other end. 42-2443 . . . 7.99

(11) 20-foot 1/4" stereo headphone extension cord. Extends the cord of full-size 'phones—just the thing for on-stage monitoring and studio recording. Noncoiled cord has a 1/4" stereo plug at one end and a 1/4" stereo jack at the other end. 42-2442 . . . 6.29

(12) 20-foot 1/4"-to-1/8" stereo headphone extension cord. Connects full-size stereo 'phones to a portable CD player, personal stereo cassette player or personal receiver. Cord has 1/8" stereo plug at one end and 1/4" stereo jack at the other end. 42-2464 . . . 5.99

(13) 20-foot 1/8"-to-1/4" stereo headphone extension cord. Connects lightweight stereo 'phones to home stereo components or PA/recording equipment having a 1/4" stereo headphone jack. Has 1/4" stereo plug at one end and 1/8" stereo jack at the other end. 42-2460 . . . 5.99

(14) 20-foot 1/8" stereo headphone extension cord. Plugs into boombox, personal stereo or CD portable to extend the cord of lightweight headphones. Flexible, extra-durable cord has 1/8" stereo plug at one end and 1/8" stereo jack at the other end. 42-2462 . . . 6.49

(15) 20-foot 1/8" monaural earphone extension cord. Enjoy TV or radio sound without disturbing others. Cord has 1/8" monaural plug at one end and 1/8" monaural jack at the other end. 33-176 . . . 2.99

(16) Add-on volume control for lightweight stereo 'phones. Perfect for joggers—adjust the volume without breaking your stride. One-foot cord has an inline attenuating volume control, 1/8" right-angle stereo plug at one end and 1/8" stereo jack at the other end. 42-2459 . . . 4.99

(17) 1/8" stereo headphone Y-adapter. Share the music—great for traveling and car trips. Connects two sets of lightweight headphones to one stereo jack. Has 1/8" stereo plug, two 1/8" stereo jacks. 42-2463 . . . 4.99

(18) 1/4" stereo headphone Y-adapter. Connects two sets of full-size 'phones to one stereo jack. Has 1/4" stereo plug, two 1/4" stereo jacks. 42-2448 . . . 5.99

(19) **New** 6-foot gold 1/8" headphone extension cord. Heavy-duty gold plating resists corrosion for a secure hookup and substantially reduced signal loss. With a 1/8" stereo plug on one end and 1/8" jack on the other. 42-2482 . . . 11.99





Available October, 1997

**New Digital Anti-Shock System, 8x oversampling and 1-bit DAC**

**CD-3640.** Three-second DAS<sup>2</sup> (digital anti-shock system) helps prevent skipping, making this player great for use in your vehicle. 8x oversampling and 1-bit dual DAC for crisp, clean sound. Plus, E-bass adds that extra low-end punch. 24-track random program memory, intro scan, random play and repeat. Requires 2 "AA" batteries or adapter: AC #273-1664, DC #273-1801. (TSP) 42-5074 . . . . . 99.99



Includes car kit with DC adapter!

**New Car CD with 10-second DAS<sup>2</sup> & car kit**

**CD-3690.** Slim design, easy portability. 10-second DAS<sup>2</sup> dramatically reduces skipping. Includes car kit with DC adapter so you can use it when you're on the road. Illuminated keys for convenient use in the dark. E-bass, 24-track random program memory, intro scan, repeat, random play. 8x oversampling, 1-bit dual DAC. Requires 2 "AA" batteries or AC adapter #273-1664. (TSP) 42-5076 . . . . . 179.99  
Available November, 1997



Available October, 1997

**New Excellent CD sound, excellent price**

**CD-3620.** 8x oversampling and 1-bit DAC give you exceptional sound with virtually no distortion! 24-track random program memory lets you play songs in any order. E-bass, intro scan, random play and repeat. Rechargeable battery charging circuitry lets you recharge Ni-Cd batteries while they are in the CD player's battery compartment. Requires 2 "AA" batteries or adapter: AC #273-1664, DC #273-1801. (TSP) 42-5073 . . . 79.99



Includes car kit with DC adapter!

**New Compact car CD player has DAS<sup>2</sup> & car kit**

**CD-3680.** The extra-compact design makes this player convenient to use anywhere—and the kit with DC adapter has everything you need to use it in your car. Skip-reducing 3-second DAS<sup>2</sup> for smooth sounds even on bumpy drives. It even has illuminated keys for easy night viewing. Features 8x oversampling, 1-bit dual DAC. Uses 2 "AA" batteries or adapter: AC #273-1664. (TSP) 42-5075 . . 149.99  
Available November, 1997



**Sony Sports Discman® with Super ESP anti-shock**

**Sony D-451SP.** Sealed rubber gaskets help keep out water, moisture and dirt. 10-second Super ESP reduces skipping. Mega Bass, auto volume limiter. Includes weather-resistant sports headphones. AC adapter included. Includes two "AA" rechargeable batteries. Was \$249.99 in '97 catalog. (TSP) 42-5058 . . . New Low Price! 199.99



**Sony Car Discman® with Super ESP anti-shock**

**Sony D-844K.** Ten-second buffer for skip-free play on bumpy roads. Three sound-enhancing DSP modes, six playback modes, Ni-Cd charging circuit. Includes a backlit wireless remote and car cassette adapter plus vehicle DC cord and AC adapter. Requires 2 "AA" batteries. Was \$249.99 in '97 catalog. (TSP) 42-5057 . . . New Low Price! 199.99



**Double the fun with dual headphone jacks**

**CD-3530.** You can plug in two sets of headphones and enjoy the music with a friend! Select intro scan to preview selections, random play for variety, or repeat play to hear them again. With E-bass, Ni-Cd charging circuit. Requires 2 "AA" batteries or adapter: AC #273-1664, DC #273-1801. Was \$99.99 in '97 catalog. 42-5068 . . . . . New Low Price! 69.99



**Portable CD player accessories**



**Vehicle mount for personal CD players**

Suspension system absorbs road bumps, jolts and vibrations to help prevent skipping and mistracking. Universal swivel mount. Preassembled platform and hook-and-loop attachments for fast, easy removal of CD player. 42-3050 . . . . . 24.99



**Mount with DC power adapter**

Same as bracket above, with built-in DC adapter to power CD portable from a vehicle lighter socket. Works with most portable CD players. 42-3051 . . . . . 39.99  
As above, with 15" flexible "gooseneck" mount for use in RV, van or truck. RSU 11443637 . . . . . 59.99



**Wireless CD adapter**

Play your portable CD through your car stereo. Converts audio from your player's headphone jack to a high-quality FM signal for clean CD sound. Requires 2 "AAA" batteries. 12-2051 . . . . . 39.99



**CD-to-cassette player adapter**

The most affordable way to enjoy CD listening in your car. Plugs into your portable CD player's stereo headphone jack and loads like a cassette tape to deliver superb digital audio through your vehicle's stereo system. No installation or special wiring required. 12-1951 . . . . . 19.99





**High-quality audio recording cassettes and accessories**



**(1) XR—Premium ferric Type I**

A popular choice—audiophile quality at a bargain price! Delivers optimum performance at normal bias for greater detail.

Type	Total rec. time	Cat. no.	Price per pack			
			1-2	3-11	12-49	50-499
XR-60 3-pack	180 min.	44-984	3.99	3.59	3.19	2.79
XR-90 3-pack	270 min.	44-985	4.99	4.49	3.99	3.49
XR-120 3-pack	360 min.	44-986	7.99	7.19	6.39	5.59

**(2) HD—Digital-ready high-bias Type II**

Plays on all cassette equipment. Superior sound quality—captures loudest and softest passages while reducing noise.

Type	Total rec. time	Cat. no.	Price per pack			
			1-2	3-11	12-49	50-499
HD-60 3-pack	180 min.	44-946	6.99	6.29	5.59	4.89
HD-90 3-pack	270 min.	44-947	7.99	7.19	6.39	5.59
HD-90 5-pack	450 min.	44-998	12.99	11.69	10.39	9.09
HD-110 3-pack	330 min.	44-948	9.99	8.99	7.99	6.99

**Liquid deck cleaner**



Restores player performance and helps prevent "tape-eating" by cleaning head, capstan and roller. Ideal for portable tape players.

44-1116 ..... 4.99



**Dual phone jack**

Connects two 1/8" stereo headsets to one 1/4" stereo jack. 274-313 ..... 3.99



**AC power cord**

6-foot, 2-prong AC cord fits many recorders and stereos. 278-1254 ..... 2.49



**Vehicle DC adapter**

Save your batteries while traveling in the car. Fits many portable cassette recorders and personal stereos. 6/9VDC, 500mA. 273-1802 ... 6.99



**16-tape soft case**

Great way to protect your favorite cassettes. Carries 16 boxed or 24 unboxed audio cassettes. Heavy-duty nylon construction. 44-1220 ... 7.99



**36-tape soft case**

Carry more music with you. Heavy-duty nylon case holds 36 boxed or 54 unboxed audio cassettes. 44-1221 ..... 11.99

# Great Sound is Within Reach Anywhere

Enjoy great sound anywhere you go with our AM/FM cassette portables and accessories. For better recordings, we offer audio cassettes in several types and lengths to suit every taping need. Plus, get a discount when you buy in quantities of three packs or more!



**New AM/FM stereo portable with built-in microphone**

**SCR-64.** Delivers great sound you'll enjoy at home, by the pool, in the park—anywhere! Record directly from FM stereo, AM, or record "live" with the built-in microphone. Dual 4" speakers for clear stereo sound. AM/FM stereo tuner with AFC for drift-free reception. End-of-tape auto-stop saves wear and tear on your favorite cassette tapes. Headphone jack for private listening. Hi/lo tone control, rotary tuning and volume controls. UL listed AC or 6 "C" batteries or DC adapter #273-1651, extra. (TSP) **14-704** ..... **49.99**



Available October, 1997

**New AM/FM stereo cassette**

**SCR-65.** AM/FM stereo tuner with cassette player delivers great sound through dual 3" stereo speakers. Record from radio or with built-in microphone. End-of-tape auto-stop

saves batteries and reduces wear on tape mechanism. Headphone jack, AFC tuning control. UL listed AC or 6 "C" batteries or DC adapter #273-1651, extra. (TSP) **14-732** ..... **39.99**



**AM/FM cassette portable**

**CTR-91.** Easy-to-use monaural AM/FM cassette records off the radio or "live" with built-in mic. 3 1/2" speaker for clear sound. Auto-level recording for consistent sound and volume. End-of-tape auto-stop. Use it anywhere with UL listed AC or 4 "C" batteries or in the car or RV with DC adapter #273-1802, extra. (TSP) **14-861** ..... **39.99**





Available November, 1997



**New** Double the music with this two-CD portable

**CD-222.** Plays two CDs for hours of hassle-free musical enjoyment. 20-track memory and two repeat modes let you program your favorite songs to play in any order. 8x oversampling for superb sound. Speakers detach so you can position them for full stereo separation. Extended Bass adds low-end "punch". Dual cassette with end-of-tape auto-stop helps prevent damage to cassette and saves batteries. AM/FM stereo tuner with AFC control for drift-free reception. UL Listed AC (or 8 "D" batteries and 2 "AAA" for remote, extra). (TSP)

14-507 ..... 179.99

**Sony® portable CD with remote control**

**Sony CFD-567.** Portable and lightweight, but powerful enough to use in an office or bedroom. Remote controls CD, volume, power, and tuner functions. CD player with 20-track programming and 4 repeat modes for convenient music selection. Dual stereo cassette decks with CD/cassette dubbing. Mega Bass® for low-frequency boost. The 2-way bass-reflex speakers detach for better stereo separation. Digital AM/FM stereo tuner with 10 AM/10 FM presets. UL listed AC (or 8 "D" batteries and 2 "AA" for remote, extra). (TSP)

14-501 ..... 199.99



**Portable with CD and dual cassette player**

**CD-3321.** Great for office or dorm room! Top-loading CD player with 21-track memory. Speakers detach for better stereo sound. Dual cassette with synchro- and high-speed dubbing make recording a snap. Stereo AM/FM tuner. End-of-tape auto-stop. UL listed AC (or 8 "D" batteries or DC adapter #270-1528, extra). (TSP) Was \$149.99 in '97 catalog. 14-546 ..... **New Low Price! 139.99**



**CD portable with digital tuning & remote**

**CD-3322.** Digital tuning with 10 AM and 10 FM presets for great reception and easy recall. CD player with 20-track memory. Synchro-dubbing for easy recording of CDs to tape. E-Bass, 4-position preset equalizer for custom sound. Headphone jack. UL listed AC (or 8 "D" batteries and 2 "AAA" for remote, extra). (TSP)

14-547 ..... 139.99



**Everything you need to keep your CDs & tapes safe and sounding great!**



**CD scratch 'n fix kit.** Easy to use! Fixes CDs by filling light scratches on your CDs so player can read discs—helps stop skipping. 42-127 . . . 9.99



**Deluxe CD cleaner.** Rotating radial system removes dust, cigarette smoke and fingerprints. Includes fluid and instructions. 42-226 . . . . 9.99



**48-CD wallet.** An easy way to take your favorite music with you. CDs stay secure in protective sleeves. Made of durable nylon. 42-230 . . . . 14.99



**New** **Dual-CD jewel cases.** Take more music with you—sturdy plastic cases store two CDs in the space of one. 42-202, Pkg. of 3/4.99



**Liquid deck cleaner.** Restores player performance and helps prevent "tape eating" by cleaning head, capstan and roller. 44-1116 . . . . . 4.99



**CD lens cleaner.** Get the best sound from your CD player. Safely removes dust and dirt. Easy-to-follow instructions recorded on CD. 44-227 . . . . . 9.99



**24-CD wallet.** Never leave home without your favorite CDs. Protective sleeves keep your CDs safe and secure. Durable nylon. 42-205 . . 9.99

**COMPACT DISC ACCESSORIES**

See Index for these listings.

Cases • Cleaners • Headphones • Patch Cords  
Batteries • Surge Protectors • Tape, Accessories





**AM/FM cassette and CD with 8x oversampling**

**CD-3323.** Big sound on a budget! Top-loading CD player has 8x oversampling and repeat-play. Cassette with end-of-tape auto-stop. Analog AM/FM stereo tuning with FM-AFC for drift-free reception. Dual 3½" speakers, rotary volume, tuning, and tone controls. UL listed AC (or 8 "D" batteries, extra). (TSP) 14-548 ..... 99.99



**CD and cassette portable with Extended Bass**

**CD-3315.** Portable CD system has big features like a top-loading CD player with 20-track programming plus track/disc repeat. Cassette has CD/tape synchro-dubbing and end-of-tape auto-stop. AM/FM tuner with LCD display, Extended Bass, dual 4" speakers. With built-in microphone. UL listed AC (or 6 "D" batteries, extra). (TSP) 14-539 ..... 119.99



Available November 30, 1997

**New CD portable with detachable speakers**

**CD-8682.** Speakers detach so you can fill the room with the sound of your favorite music. The top-loading CD player with 20-song memory and two repeat modes for custom listening. Cassette player with end-of-tape auto-stop. AM/FM tuner. FM-AFC locks in stations. UL listed AC (or 8 "D" batteries, extra). (TSP) 14-505 ..... 119.99



Compact so it's easy to take along!

**New Compact portable with top-loading CD player**

**CD-1181.** Our lowest priced portable with CD. Compact size makes it convenient to take anywhere. CD player is mounted on the top for easy access when changing discs and features automatic search music system. Analog AM/FM tuner with FM-AFC for drift-free reception. UL listed AC (or 8 "D" batteries, extra). (TSP) 14-504 ..... 79.99

**Great Performance Anywhere**

Our CD portables let you enjoy great sound and the convenient features of your home stereo when you're on the go. Our portable stereos will make sure you never miss a beat—visit your local RadioShack for a demonstration today!



**Going where your boombox can't boom? Add headphones and keep on jammin'!**

See pages 88-91 for our complete selection of headphones and accessories!

**Versatile headphones—great for personal stereos**

**Nova-43.** Super choice for your stereo or personal CD player. Adjustable headband for a comfortable fit. 20-20,000Hz response. 5½-foot cord with gold-plated ¼" right-angle plug. Includes ¼" adapter for use with stereos with a ¼" jack. 33-1125 ..... 19.99



**Lightweight digital headphones—ideal for CD players**

**Pro-25.** Great addition to a portable stereo or CD player. Titanium-layered diaphragms, oxygen-free coils and neodymium magnets team up for superb sound. Wide 15-25,000Hz response. 6-foot cord with convenient in-line volume control. ¼" right-angle plug. (TSP) 33-1022 ..... 39.99



**New Comfortable-fit headphones**

**Nova-13.** Adjustable headband and foam earcushions for a great fit. 20-20,000Hz response. 6½-foot cord. Gold-plated ¼" right-angle plug. 33-1113 ..... 9.99





**7-CD changer with dual cassette, digital tuning**

**Optimus System 730.** Program up to 50 tracks or select random play. Dual deck has high-speed dubbing and CD synchro-dubbing for perfectly matched recordings from discs. 1/8" microphone input with mic-mixing control. Digital AM/FM tuner has 24 presets. 3 preset equalizer settings by music type. Digital clock with wake and sleep timers. 14"-high, full range speakers with 5" drivers. 32-key remote requires 2 "AAA" batteries. Was \$379.99 in '97 catalog. (TSP) 13-1277 ..... **New Low Price! 349.99**



**New 3-CD changer, dual cassette, remote**

**Optimus System 748.** This versatile music system packs a lot of features for a low price. Load up to 3 CDs for continuous play, 32-track programming or random shuffling. Dual cassette deck lets you record from CD or radio, as well as high-speed dubbing from other tapes. Auto-stop protects your cassettes. Digital AM/FM tuner features 20 presets. E-bass boosts low end. Two 3-way speakers with 6" woofers deliver great sound. 17-key remote requires 2 "AAA" batteries. (TSP) 13-1296 ..... **249.99**



**New 3-CD carousel changer, cassette deck, AM/FM**

**Optimus System 747.** A sound value! The 3-disc changer lets you load a trio of your favorite CDs in the carousel for continual play, 32-track programming or random shuffle. Cassette deck records from CDs or from the AM/FM stereo tuner. Auto-stop helps protect your cassettes. E-bass boosts your bass response. Features two 2-way speakers with 5" woofers for super sound. (TSP) 13-1295 ..... **179.99**



**New Micro system with CD, cassette, remote**

**Optimus System 746.** A lot of features in a compact system! CD player features 32-track programming and random shuffle. Cassette deck records from CD or radio. Auto-stop protects tapes. Digital AM/FM tuner has 30 station presets. E-bass boosts low end. Pair of 9 1/2"-high 2-way speakers with 4" woofers. 20-key remote requires 2 "AAA" batteries. (TSP) 13-1294 ..... **149.99**



**Micro with CD player, cassette recorder, AM/FM**

**Optimus System 739.** We've squeezed a lot of performance into a system just 5 3/4" wide and 9 1/16" high! With one low-priced system, you can enjoy compact discs, audio cassettes and fine-sounding AM/FM stereo. CD player lets you program up to 21 tracks. The cassette recorder features auto-stop at the end of tapes to save on wear and tear. E-bass boosts bass response. Comes with two 9 1/16" high full-range speakers. (TSP) 13-1292 ..... **119.99**



**Mini shelf system with dual-cassette deck, equalizer and 2-way speakers**

**Optimus System 740.** Enjoy great-sounding stereo from cassette tapes or AM/FM radio. Dual-cassette deck lets you record from tapes, radio, or from an external source using the aux input jacks. 3-band graphic equalizer and E-bass customize the sound. High-speed dubbing lets you make copies of cassette tapes in no time. 2-way speakers with 5" woofers. (TSP) 13-1287 ..... **79.99**

**RACK SYSTEM ACCESSORIES**

See Index for these listings:

Tape • Cleaners • Headphones • Patch Cords • Batteries • Speakers and Accessories



Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102

# Optimus Rack System Gives You the Power to Hear it All

Do you want to get the most out of your CDs, tapes, AM/FM stations, VCR and home satellite system? You can enjoy complete audio from all of your home entertainment electronics with this powerful Optimus stereo system. Use it alone for great stereo, or hook it up to a TV, hi-fi VCR and mini-dish system for instant home theater.

**100 watts, Dolby Pro Logic® surround, 24-CD changer, dual cassette, system remote**

**New** Optimus System 745. Deluxe rack system features 100 watts of clean power to left and right stereo channels, plus 15 watts of power to each of two rear channels and 15 watts to center channel. Dolby Pro Logic surround system brings to life video movies and stereo-TV channels, adding a new dimension to your home theater system. All five speakers are included, with two 10" 3-way main speakers, two 4" full-range speakers for rear channel and a shielded 4" full-range speaker for center channel sound. The 24-disc CD changer features seven preset and 24 programmable category names for custom playback, plus 48-track random access program memory, intro scan, random play and repeat. The dual cassette deck features normal and high-speed synchro dubbing, auto reverse, continuous play and Dolby-B NR for clean, dynamic sound. You also get digital AM/FM tuning with 36 presets, Extended Bass, Bass/Treble and Balance controls, motorized volume control, and a multifunction 24-key remote. Auxiliary input lets you hook up a video sound source or turntable. Remote requires 2 "AA" batteries. (TSP)

**13-1293 ..... 799.99**

**Main amplifier:** 100 watts per channel, min. RMS into 8 ohms 40-20,000Hz, no more than 0.9% total harmonic distortion



Choose the Optimus shelf system or rack system that's right for you.

Model No	Cat. No.	Remote Control	CD Player (Type/Capacity)	CD Prog.	Cassette Deck(s)	Hi-Speed Dubbing	Digital Tuning	Station Presets	Extended Bass	Speaker System	Special Features	Price
System 740	13-1287				Dual	✓			✓	5" 2-way	3-band equalizer, aux input	<b>79.99</b>
System 739	13-1292		Single CD	21-track	Single				✓	4" full-range		<b>119.99</b>
System 746	13-1294	20-key	Single CD	32-track	Single		✓	30	✓	4" 2-way		<b>149.99</b>
System 747	13-1295		3-CD changer	32-track	Single				✓	5" 2-way	Change CDs while one plays	<b>179.99</b>
System 748	13-1296	17-key	3-CD changer	32-track	Dual	✓	✓	20	✓	6" 3-way	Change CDs while one plays	<b>249.99</b>
System 730	13-1277	32-key	7-CD changer	50-track	Dual	✓	✓	24	✓	5" full-range	3-preset EQ, wake/sleep timer, mic mixing, aux input	<b>349.99</b>
System 745	13-1293	24-key	24-CD changer	48-track	Dual	✓	✓	36	✓	10" 3-way	Dolby Pro Logic Surround, auto reverse cassette w/Dolby	<b>799.99</b>

Due to the variety of other restrictions, items in this table may be unavailable through our online delivery system. Features subject to change without notice. Please contact store or call 1-800-THE-SHACK.



**Optimus® home theater sound—the ultimate home improvement**

At the heart of this sight-and-sound sensation is multi-channel surround sound, a technology that places viewers in the middle of the action and envelops them with incredibly lifelike audio. Once available only in commercial theaters, surround sound is now encoded on thousands of video tapes and discs, as well as satellite broadcasts, network and cable-TV programs, and even live sports! Create your own home theater system with

products from RadioShack: an Optimus receiver, a Hi-Fi stereo VCR and surround sound speakers. And for the ultimate home theater addition, RadioShack offers Optimus, RCA and PRIMESTAR mini-dish satellite systems. A complete home theater system will give you an unparalleled audio experience. Be prepared for surround sound so lifelike and powerful, you will hear every bit of the action—and feel it all too!



**What's in a home theater?**

Home theater has never been easier or offered this much variety. Thousands of movies, TV shows, sporting events and more now come encoded with home theater-ready Dolby Pro Logic® surround, and its full, three-dimensional sound can be enjoyed by adding only a few components to your existing TV. A typical system will include:

- (1) An A/V receiver with Dolby Pro Logic decoder.** The receiver decodes Dolby Pro Logic surround sound information from audio and video source material and directs sounds to their proper position in the sound stage.
- (4) A center-channel speaker.** Delivers dialogue and up-front action in Dolby Pro Logic sound. Placed above, below or beside the TV, the speaker should be magnetically shielded to prevent video distortion.

- (2) A Hi-Fi stereo VCR.** Delivers the surround sound information which the receiver decodes as left, right, center and rear-channel sound. The surround sound source may also be stereo broadcast TV, mini-dish satellite TV, cable TV, or laserdisc.
- (5) Two rear-channel speakers.** Deliver time-delayed sonic effects that result in lifelike, "three-dimensional" sound. Should be located to the side or rear of the viewers.

- (3) Paired stereo speakers.** The main speakers in a home stereo system can also serve as the left and right front-channel speakers in a home theater, delivering primary directional sounds.
- (6) A subwoofer.** Delivers the very low frequency bass sounds, bringing out the richness and depth of music, plus the full impact of motion-picture special effects for sound you can actually feel!



## You may be closer to home theater than you realize

If you have a stereo TV or Hi-Fi VCR, plus a home stereo system, you have the beginnings of a sensational home theater. Putting it together is simple. First, upgrade your stereo receiver to one of the Optimus Professional Series A/V models listed on this page and page 100. Second, connect your TV or VCR, along with your stereo components, to your new A/V receiver. Third, complement your existing stereo speakers with center-channel and

rear-channel speakers from our great selection (pages 108-114). Finally, you can add a home satellite system to complete your home theater (pages 136-137). With the right audio components and properly positioned speakers, your living room or den can become a virtual cinema, concert hall or coliseum. We have everything you'll need to get hooked up, down to the last connector and patch cable. Let us show you how!



## Our best Professional Series home theater receiver has 100 watts×5 equal power output, Digital Signal Processing and programmable A/V remote

**New STAV-3690.** Our finest receiver has the power, the quality and all the features to be the star of your home theater. A perfect balance of performance and value, the Optimus STAV-3690 gives you all the features and power you need for an impressive home entertainment experience.

This unit's 5-channel discrete amplifier pumps out 100 watts of equal power to each channel (100W×5) in Dolby Pro Logic surround sound mode. You get clean, crisp audio because the discrete amplifier separates the audio and sends each bit of sound information to the correct speaker, giving you the most realistic sound possible. In addition, Digital Signal Processing (DSP) sorts audio information digitally, helping to prevent signal loss and distortion.

The included remote operates most Optimus Professional Series components and can easily be programmed to control A/V equipment from other manufacturers. Front-panel A/V jacks make it easy to hook up a camcorder or VCR for on-the-spot playback, dubbing and editing. Add to your

home theater's audio capabilities by hooking up a powered subwoofer for intense low-range frequencies, and brace yourself for powerful bass that you can actually feel.

You can also customize your home theater listening experience by changing audio settings to emulate the acoustics of different listening environments. Choose "Jazz" setting while listening to your favorite jazz CD, and feel like you're at an intimate New Orleans jazz club. Or select "Studio," "Arena," or "Hall" settings to experience the music in other environments. Hear it the way you like it, and transform your listening experience into a personalized audio event.

Digital AM/FM stereo tuner with 30 presets and easy-to-use jog dial tuning. Motorized volume control and rotary bass, treble, and volume controls. Inputs: CD, phono, tape 1/VCR, tape 2/monitor, laserdisc/DVD. Outputs: video, center-channel pre-out, subwoofer pre-out. Remote requires 2 "AAA" batteries. (TSP) **31-3040**..... **499.99**

Main Amplifier (stereo mode): 100 watts per channel, min. RMS into 8 ohms from 20-20,000Hz, no more than 0.09% total harmonic distortion.

### QUESTION:

What are the benefits of a 5-channel discrete amplifier?



### ANSWER:

With a discrete amplifier, distinct sound information is delivered separately to each speaker, eliminating muddled audio and providing the most realistic entertainment experience you can have in your home.

Our 5-channel discrete amplifier provides equal power to each of the three front channels and two rear channels. This means that the audio from your home theater receiver comes to you with astounding clarity, spaciousness and realism. Clarity is especially important for dialogue on movies, and spaciousness gives weight to movie sound effects and also to music in stereo mode.





### New 100W stereo, 100W×5 equal-output Dolby Pro Logic receiver

**Optimus Professional Series STAV-3680.** It's time you experienced really great home theater! 5-channel discrete amplifier delivers 100 watts of equal power to left, right, center, left rear and right rear channels. Dolby Pro Logic surround sound lets special effects, dialogue and musical score wrap around you. Enjoy precise digital tuning with 30 AM/FM presets.

**Main Amplifier:** 100 watts per channel, min. RMS into 8 ohms from 20-20,000Hz, no more than 0.09% total harmonic distortion

With six audio inputs, three video inputs and subwoofer output, this receiver will be the cornerstone of your home theater system. Motorized volume control and rotary bass/treble/balance control. Multi-jog dial for easy tuning. System remote puts all this power in your hand. Remote requires 2 "AA" batteries. (TSP) **31-3039** . . . . . **349.99**



### New 100W stereo, 80W×4 equal-output surround A/V receiver

**Optimus Professional Series STAV-3670.** Enjoy a thunderous 100 watts of power per channel in stereo mode. Or switch to Dolby Pro Logic surround sound mode for a full 80 watts per channel of equal power (left, right, center, rear) while watching surround sound broadcasts or recordings. Switch on Extended Bass to

**Main Amplifier:** 100 watts per channel in stereo mode, min. RMS into 8 ohms from 20-20,000Hz, no more than 0.9% total harmonic distortion

feel music or special effects. You can also use a 3-speaker setup with receiver in Dolby 3-channel logic mode. Digital tuner has 30 total presets for FM or AM stations. Five audio and two video inputs; subwoofer output. System remote included (requires 2 "AA" batteries). (TSP) **31-3041** . . . . . **299.99**



### 60W stereo, 60W×4 equal-output surround A/V receiver

**Optimus Professional Series STAV-3560.** Enjoy equal-output surround sound without the added expense of higher-powered models. Perfect for smaller listening areas. 60 watts of clean power per channel in either stereo or surround mode. Plus, you'll enjoy many

great features found in higher-priced receivers, such as digital tuner with 30 presets, Dolby 3-channel logic and Super Bass. Inputs: five audio and two video. System remote requires 2 "AA" batteries. Was \$249.99 in '97 catalog. (TSP) **31-3035** . . . . . **New Low Price! 229.99**

**Main Amplifier:** 60 watts per channel, min. RMS into 8 ohms from 40-20,000Hz, no more than 0.9% total harmonic distortion

## Heart of Your System!

Ideal control centers for home theater systems—**Optimus Professional Series A/V receivers** with Dolby Pro Logic® surround deliver superb sound with advanced features. Refer to pages 98 & 99 for further explanation of home theater and how you can get your own system up and running with the help of RadioShack.

**Buzz Words**

**DOLBY PRO LOGIC SURROUND.** System that positions sound in the "sound stage," resulting in a sense of great spatial height and depth, with sound that seems to wrap around the listener. Five speakers create the effect: 2 front, 2 rear and one center-channel speaker.

**DOLBY 3-CHANNEL LOGIC.** Separates frequencies into left, right, and center channels. You can use three speakers and select **Normal** or **Wide** to adjust for your center speaker. Or, you can divide center frequencies into a single pair of stereo speakers by choosing **Phantom** setting. Either way, your sound stage will be enhanced.

**5-CHANNEL DISCRETE AMPLIFIER.** Provides separate left and right rear channel amplifiers, in addition to left, right and center front channels. With a discrete amplifier, sound information contained in each available channel can be distinct and independent from other channels—so you get improved dialogue clarity, spaciousness and realism.

**DIGITAL TUNING.** Locks the selected frequency to a quartz-crystal reference for clear reception. **Direct access** allows entry of frequencies by numeric keys. **Memory presets** store frequencies for instant recall. **Memory scan** provides a "preview" of each stored station.

**MULTI-JOG DIAL.** Lets you scan through AM/FM bands and tune in preset stations easily.

**SUPER BASS.** An equalization circuit that can be switched on for greater bass impact or to boost low frequencies normally less audible at low volume levels.

**SYSTEM REMOTE.** Works with other Optimus Pro Series equipment. Permits remote operation of CD player and/or cassette deck.

**SUBWOOFER OUTPUT.** Line-level output permits easy installation of a powered subwoofer. Great for movie sound effects as well as music.

Dolby Pro Logic is a registered trademark of Dolby Laboratories Licensing Corp.

**1-800-THE-SHACK**



#### RECEIVER ACCESSORIES

See Index for these listings:

Antennas • Headphones, Home and Portable Stereo • Patch Cords, Audio, Video Remote Controls, TV/VCR, Universal • Speaker Systems, Home • Surge Protectors

Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102.



**High power stereo receiver—100 watts per channel, Super Bass, remote control**

**Optimus Professional Series STA-3500.** For those who love premium quality stereo sound, this is the one! With a powerful 100 watts per channel, it'll feed even the heartiest musical cravings. Digital tuner with 30 preset stations. Super Bass control for when you want bass you can actually feel! Five audio inputs, 1/4" headphone jack, outputs for two pairs of speakers. Includes AM and FM antennas. System remote requires 2 "AA" batteries. (TSP) Was \$219.99 in '97 catalog **31-3034** . . . . . **New Low Price! 199.99** (100 watts per channel, minimum RMS into 8 ohms from 40-20,000Hz, no more than 0.9% total harmonic distortion)



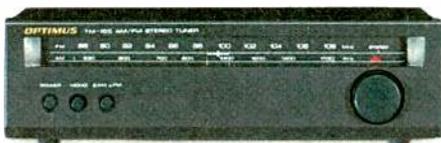
**50-watt stereo receiver with precise digital tuning, 18 station presets**

**Optimus STA-795.** Enjoy drift-free digital tuning with feather-touch controls and presets for up to 12 FM and 6 AM stations. You get separate rotary bass and treble controls, a loudness switch, automatic FM muting to silence noise when tuning, tape monitor controls to make recording with a connected tape deck easy, and a 5-step LED power output meter. Inputs: phono, CD/aux, TV/aux, tape monitor. Two pairs of speaker outputs. Unswitched AC outlet. (TSP) Was \$169.99 in '97 catalog. **31-2101** . . . . . **New Low Price! 149.99** (50 watts per channel, minimum RMS into 8 ohms from 40-20,000Hz, no more than 0.5% total harmonic distortion)



**Mini stereo amplifier is ideal for desk or shelf**

**Optimus SA-155.** Design your own desktop or shelf system around this ultracompact power plant. Since it's separate from your tuner, you can arrange it to fit in tricky spots and small areas. It features a switchable magnetic/ceramic phono input so you can use any turntable. A stereo/mono button allows you to set the amplifier for a monaural recording or broadcast. Tone adjustment and balance control, 1/8" headphone jack for private listening. Just 2 1/4" x 9 1/2" x 6 1/2". **31-1957** . . . . . **59.99**



**Mini AM/FM stereo tuner with PLL circuitry**

**Optimus TM-155.** Same size and finish, it's a perfectly matched partner to the SA-155 mini amplifier. Phase-locked loop circuitry and Auto-Magic® FM tuning ensure best possible reception. Stereo indicator LED lets you know when a station is tuned. FM mono button, built-in antennas, terminals for external FM antenna. Simple connections. Small size allows versatile placement. Like its counterpart to the left, it's only 2 1/4" x 9 1/2" x 6 1/2". UL listed AC. **31-1958** . . . . . **59.99**



**10-band equalizer with stereo image enhancer**

Boost/cut frequency response up to 12dB in each of 10 bands to suit your listening preference or room acoustics, or to compensate for speaker placement or poor-quality recordings. Image enhancer electronically widens the soundstage to enhance stereo effect. Fluorescent spectrum-analyzer display provides a graphic analysis of the sound "shape" so you can see the results of your adjustments. Tape dubbing/monitoring controls, EQ/bypass switch. (TSP) **31-2030** . . . . . **129.99**



**3-input audio control center**

Need more out of your stereo? Here's an inexpensive way to increase any audio system's capabilities. Easy hookup—just plug into your amplifier or receiver's auxiliary input and connect up to three additional stereo sources, like a CD player, tape deck or VCR. **42-2112** . . . . . **14.99**



**Six-outlet surge protector with antenna line protection**

Provides 3-line protection against damaging power surges. Also has two coax jacks for protection on your cable/TV line. AC line-noise filter helps block interference in stereo and TV sound. 280-joule rating, 15-amp circuit breaker. **61-2130** . . . . . **29.99**  
Surge protector meets UL 1449 rating

Connected Equipment Guarantee up to \$2,500. See details, pg. 215



**New Optimus home theater power center**

Centralized power distribution and protection for your home theater and DSS systems. Six-outlet under-the-receiver power center with 700-joule rating. Five LED indicators, plus dedicated audio and video filters that allow for clean and clear audio and video. 4 coax jacks. Phone jacks. 6-ft cord. **61-2236** . . . . . **99.99**

Connected Equipment Guarantee up to \$10,000 See details, pg. 215

**Choose the stereo receiver with the features you want**

Model No	Catalog No	Watts/Ch (Stereo)	Watts/Ch. (Pro Logic)	Dolby Pro Logic	Sound Field Control	Digital Tuning	Station Presets	Audio Inputs	Video Inputs	Video Output	Subwoofer Output	Remote Control	Special Features	Price
STA-795	31-2101	50x2	N/A			✓	18	4						<b>149.99</b>
STA-3500	31-3034	100x2	N/A			✓	30	5				System	Super Bass	<b>199.99</b>
STAV-3560	31-3035	60x2	60x4	✓	✓	✓	30	5	2	✓		System	Super Bass. Dolby 3-Channel Logic	<b>229.99</b>
STAV-3670	31-3041	100x2	80x4	✓	✓	✓	30	5	2	✓	✓	System	Super Bass. Dolby 3-Channel Logic	<b>299.99</b>
STAV-3680	31-3039	100x2	100x5	✓	✓	✓	30	6	3	✓	✓	System	5-channel discrete amplifier. 5-D theater mode	<b>349.99</b>
STAV-3690	31-3040	100x2	100x5	✓	✓	✓	30	6	3	✓	✓	Programmable	DSP. 5-channel discrete amplifier. 5-D theater mode. front A/V jacks	<b>499.99</b>



## Ultimate CD Changer Convenience

New high-capacity multidisc CD changers by Optimus can put hundreds of music selections at your fingertips. Each changer can hold a complete library of CDs, and each features an innovative personal file memory which enables you to assign individual discs to a separate category for custom playback. In addition, they're both remote controllable by our Optimus Professional Series receivers.



The CD-8300 changer features a single vertical disc slot for single disc play in addition to the 50 discs already stored in the unit. Bidirectional Radial Transport provides quick access by rotating loaded CDs in either direction at the touch of a button.

### QUESTION:

What is personal file memory?



### ANSWER:

Personal file memory lets you assign any of the loaded CDs into a custom CD group.

Imagine the convenience of being able to play all your favorite jazz or rock CDs at the touch of a button—without having to search through your CD library or reprogramming the player's memory each time you listen.

Both CD changers shown on this page have this convenient feature. Visit your local RadioShack for a demonstration today!



### 50+1-disc CD changer with personal file memory

**Optimus Professional Series CD-8300.** Play any of up to 50 CDs at the touch of a button. Or, program your favorites into the personal file memory for direct access of hours of uninterrupted hits! With the extra CD slot, you can also pop in an additional CD to play anytime. Program up to 24 tracks in any order for your own personal concert or let Random Play do the choosing for you. Repeat play on single tracks, discs or any programmed sequence. CD/Deck Synchro makes easy work of cassette dubbing. One Bit D/A Converter. Optical digital output. Remote requires 2 "AA" batteries. 16<sup>3</sup>/<sub>16</sub>×7<sup>1</sup>/<sub>2</sub>×14<sup>1</sup>/<sub>8</sub>". Was \$299.99 in '97 catalog. (TSP)

42-5063 ..... **New Low Price! 279.99**



### 25-disc CD changer with personal file memory

**Optimus Professional Series CD-8200.** Get instant access to 25 of your favorite CDs from a multidisc changer that's about the same price as a standard 5- or 6-disc changer. With Custom File Programming, any category or disc may be selected for playback with the easy-to-use remote. You get Random and Repeat play plus 24-step programming to arrange CD tracks in any order. One Bit D/A Converter. Optical digital output. Remote requires 2 "AA" batteries. 16<sup>3</sup>/<sub>16</sub>×7<sup>1</sup>/<sub>2</sub>×12<sup>1</sup>/<sub>2</sub>". Was \$249.99 in '97 catalog. (TSP)

42-5062 ..... **New Low Price! 229.99**

Model No.	Cat. No.	Type/ Capacity	Remote	Program Tracks	Random Play	Repeat Play	Intro Scan	Direct Access	Last-Disc Memory	Memory Hold	Personal File	Optical Dig. Out	Special Features	Price
CD-8100	42-5061	5-Disc Carousel	27-key	32	✓	✓		✓					Disc-change during play	149.99
CD-8150	42-5071	5-Disc Carousel	30-key	32	✓	✓	✓	✓					Disc-change during play, calendar display	179.99
CD-7250	42-5044	6-Disc Magazine	20-key	32	✓	✓	✓	✓	✓	✓			Remote controllable by Pro-Series receivers	179.99
CD-8200	42-5062	25-Disc File-Type	28-key	24	✓	✓	✓	✓	✓	✓	✓	✓	Remote controllable by Pro-Series receivers	229.99
CD-8300	42-5063	50+1-Disc File-Type	28-key	24	✓	✓	✓	✓	✓	✓	✓	✓	Single-disc slot, headphone jack, remote controllable by Pro-Series receivers	279.99





**6-disc magazine.** Store and play discs by artist or music style. For Pro Series 6-disc changers.  
42-146 ..... 12.99

**Professional Series 6-CD changer with direct-access remote**

**Optimus Professional Series CD-725C.** Insert a magazine and relax to hours of uninterrupted music. You get 32-step memory, memory hold, highlight scan to hear an excerpt from each selection on all six discs, 3-way repeat, random play and delete. Last-disc memory restarts play with the disc you heard last before power-off. Auto power-on and eject/auto-off. Fluorescent display. Remote-controllable by Professional Series receivers. Remote requires 2 "AAA" batteries. Was \$219.99 in '97 catalog. (TSP)  
42-5044 ..... **New Low Price! 179.99**



**New 5-disc CD carousel with 32-track memory and remote**

**Optimus CD-8150.** Use the 30-key remote to play one song or program up to 32 of your favorite tracks from any of up to 5 CDs. No need to stop the music when you change CDs—you can add two new discs while it plays! Choose Random Play for a different concert every time. Intro-scan plays an excerpt from each track for easier song selection. Repeat one song or an entire CD at the touch of a button. One-bit D/A converter and digital filtering for great sound. Large fluorescent display with music calendar makes song selection and programming a snap. Remote requires 2 "AA" batteries. (TSP)  
42-5071 ..... 179.99



**5-disc CD carousel with remote**

**Optimus CD-8100.** Enjoy top performance and an array of outstanding features in this quiet and quick-changing CD carousel. Thanks to the convenient drawer-loading design, you can add or remove up to two discs while another is playing. Play one disc at a time or up to five discs in sequence for hours of worry-free, uninterrupted music. Make like a DJ and program up to 32 tracks in any order. Or, you can let the player program the music when you select random play. Fluorescent display shows the disc and track numbers in addition to showing operation modes. Direct access remote requires 2 "AA" batteries. Was \$179.99 in '97 catalog. (TSP) 42-5061 ..... **New Low Price! 149.99**



**Semi-automatic turntable**

**Optimus LAB-1000.** Its built-in switchable preamp matches equipment having ceramic phonic, tape and aux inputs for use with any stereo amplifier or receiver. Features straight-line tonearm for precise tracking with low distortion, convenient automatic arm return/shutoff and 33 1/3/45RPM selector. Vibration-damping belt drive. With dual-magnet magnetic cartridge. UL listed AC. (TSP)  
42-2022 ..... 99.99

**PERSONAL FILE MEMORY.** Allows each loaded disc to be assigned to a specific category for customized playback.

**CAROUSEL CHANGER.** A 5-disc carousel changer holds CDs in a rotating platter and lets you change one or more discs while another is playing.

**MAGAZINE CHANGER.** A 6-disc magazine changer holds CDs in interchangeable cartridges, letting you easily organize and play discs by artist or music style.

**DIRECT ACCESS.** Lets you select a disc track by pushing its number. To hear track 6, just push "6" on the keypad.

**PROGRAMMABILITY.** All of our CD changers let you program a sequence of tracks for playback in any order.

**INTRO SCAN.** Provides a musical "preview" of each track on a disc.

**RANDOM PLAY.** Randomly selects (shuffles) and plays tracks for variety.

**DELETE PLAY.** Lets you program out tracks you don't want to hear.

**REPEAT PLAY.** Automatically repeats a single track, all tracks on a single CD or all tracks on all loaded CDs.

**CD/DECK SYNCHRO.** Lets you synchronize recording from the CD changer to a compatible cassette deck.

**ONE-BIT D/A CONVERTER.** Digital-to-analog conversion circuitry accurately reproduces all sound levels with virtually no distortion.



**Can't find a stylus or cartridge for your turntable?**

If you don't want to give up listening to your entire LP collection simply because you can't find a stylus at the big electronics superstore, try RadioShack. See our listing on page 125 of this catalog or for a more comprehensive list, try our exclusive in-store catalog, RadioShack Unlimited.

RadioShack Unlimited has over 100 pages of listings and cross references for more than 100 brands—all ready to order and have shipped direct to your door in just a few days.





**Professional Series dual auto-reverse deck with Dolby B, C, HX Pro**

**SCT-56.** Features dual auto-reverse decks, continuous mode to auto-play tapes on both decks in sequence, high/normal-speed synchro-dubbing, and CD/Deck Synchro for use with Professional Series CD players. Plus, this deck is remote-controllable by Optimus Professional Series receivers. Auto metal-CrO<sub>2</sub>/normal tape selector sets proper bias and equalization, while Dolby B and C noise reduction and HX Pro headroom extension team up for clean, dynamic sound on playback. Locate selections quickly with music search and zip to the end of a tape with blank skip. Fluorescent display. (TSP) **14-676 . . . . . 199.99**



**Auto-reverse dual deck with high-speed synchro-dubbing**

**SCT-49.** You get high-speed synchro-start dubbing for easy tape duplication, plus Dolby B noise reduction for pure sound on playback. The automatic tape selector sets the deck for optimum sound whether you use metal, CrO<sub>2</sub> or standard cassettes. Auto-reverse on Deck 1 lets you hear both sides of a cassette without flipping the tape, and consecutive-play mode auto-plays two tapes in sequence. With dual input-level controls and recording-level meters. (TSP) **14-664 . . . . . 149.99**



**Professional Series dual deck with high-speed dubbing**

**SCT-53.** One-touch synchro-dubbing copies tapes at high or normal speed, while an automatic level control ensures perfect-volume recordings. You'll enjoy clear sound on playback thanks to Dolby B noise reduction, and you can auto-play two tapes in sequence in consecutive-play mode. The auto tape selector sets proper bias and EQ for any tape type, and auto-stop protects cassettes and the player's mechanism. (TSP) **14-672 . . . . . 129.99**

Model No	Cat. No	Type	Cassettes	High-Speed Dubbing	Auto-Reverse	Continuous Play	Music Search	Blank Skip	Dolby System	Tape Selector	Special Features	Price
SCP-31	14-647	Playback	Single							Manual		<b>49.99</b>
SCT-86	14-654	Recording	Single						B	Manual	Mic Inputs	<b>79.99</b>
SCT-53	14-672	Recording	Dual	✓					B	Auto		<b>129.99</b>
SCT-49	14-664	Recording	Dual	✓	✓				B	Auto	Headphone Jack	<b>149.99</b>
SCT-56	14-676	Recording	Dual	✓	Dual	✓	✓	✓	B, C, HX Pro	Auto	Remote controllable by Optimus Pro Series Receivers	<b>199.99</b>

**QUESTION:**  
What are Dolby® systems?



**ANSWER:**  
Dolby B and C noise reduction systems work during recording and playback to cut tape hiss for improved sound. The Dolby HX Pro headroom extension system improves recordings by allowing more of the source signal to be captured on the tape without audible distortion. Dolby B and C must be switched in during playback to hear the enhancement on recordings made with these systems. The improved treble response resulting from Dolby HX Pro can be heard on any type of cassette player without decoding.

**QUESTION:**  
What does Auto Tape Select do?

**ANSWER:**  
Auto Tape Select automatically adjusts the equalization and bias to match the type of tape you use. Whether you are using the finest digital-ready metal Type IV, high-bias Type II, or an ordinary Type I tape, with Auto Tape Select, you don't have to worry about choosing the correct setting. The cassette deck recognizes the type and adjusts for it automatically.



**Compact recorder/player**

**SCT-86.** Add a full-featured recording deck to any stereo system. Dolby B noise reduction, end-of-tape auto-stop, dual recording-level controls and LED recording-level meters. Metal-CrO<sub>2</sub>/normal tape selector, pause control, tape counter, 1/4" jacks for adding microphones. Was \$89.99 in '97 catalog. (TSP) **14-654 . . . . . New Low Price! 79.99**



**Compact cassette player**

**SCP-31.** Just right for office, dorm or bedroom. The inexpensive way to add cassette playback to any existing stereo system with aux or tape-in jacks—pair it with our compact or mini components on page 101 for a space-saving system. With auto-stop, metal-CrO<sub>2</sub>/normal tape selector and pause control. (TSP) **14-647 . . . . . 49.99**

**CASSETTE ACCESSORIES** See Index for these listings.



Cases • Cleaners • Headphones • Patch Cords  
Tape, Accessories, Audio Recording

## Hear What You've Been Missing

You get true-to-life sound when you record on RadioShack audio cassettes.

### Use this reference to select the right tape for quality recordings

First, find the category below that most closely describes the type of music you will be recording. Then, select a tape based on the type of equipment you will use to make the recording.

Type of Music	Portable Stereos	Home Stereos	High-End Systems
Vintage Rock, Comedy, Speech	LN	LN, XR	HD
Pop Vocal, Soft Rock, Country, Gospel	XR	HD	HD, MPX
Rock, Classic Rock, Metal, Rap, Dance	XR	XR, HD	HD, MPX
Alternative/Modern Rock, Reggae, Jazz	XR	HD	HD, MPX
Swing, Latin, R&B			
Symphonic, Chamber, Piano, Choral, Opera	HD	HD	HD, MPX



### (1) MPX—Our finest! Digital-ready metal, great for recording CDs

Designed for recording on metal-capable decks, playable on all cassette equipment. Provides greater high-frequency headroom so it's excellent for personal taping from compact discs. Precision anti-resonance tape mechanism reduces wow and flutter. Nonabrasive cleaning leader assures top performance on every playback. Protective hinged storage box, index card and labels.

Type	Total Recording Time	Cat No	Price Per Pack			
			1-2	3-11	12-49	50-499
MPX-60 2-Pack	120 Minutes	44-962	7.99	7.19	6.39	5.59
MPX-90 2-Pack	180 Minutes	44-963	8.99	8.09	7.19	6.29
MPX-110 2-Pack	220 Minutes	44-964	9.99	8.99	7.99	6.99



### (2) HD—Digital-ready high-bias type II, a superb value

For recording on decks with chrome/high-bias switch position. Plays on all cassette equipment. Captures loudest and softest passages while reducing noise. Precision-aligned housing. Nonabrasive cleaning leader. Hinged storage box with index card and labels.

Type	Total Recording Time	Cat No.	Price Per Pack			
			1-2	3-11	12-49	50-499
HD-60 3-Pack	180 Minutes	44-946	6.99	6.29	5.59	4.89
HD-90 3-Pack	270 Minutes	44-947	7.99	7.19	6.39	5.59
HD-90 5-Pack	450 Minutes	44-998	12.99	11.69	10.39	9.09
HD-110 3-Pack	330 Minutes	44-948	9.99	8.99	7.99	6.99



### (3) XR—Premium extended-range ferric type I, a popular choice

Audioophile quality at a bargain price! For use on all cassette equipment. Delivers optimum performance at normal bias for greater detail. Precision-aligned housing. Nonabrasive cleaning leader. Hinged storage box with index card and labels.

Type	Total Recording Time	Cat. No	Price Per Pack			
			1-2	3-11	12-49	50-499
XR-60 3-Pack	180 Minutes	44-984	3.99	3.59	3.19	2.79
XR-90 3-Pack	270 Minutes	44-985	4.99	4.49	3.99	3.49
XR-120 3-Pack	360 Minutes	44-986	7.99	7.19	6.39	5.59



### (4) LN low-noise ferric type I cassettes

These low-noise tapes are ideal for recording speech, school notes, lectures and radio broadcasts. For use on all cassette equipment. Precision housing cuts wow and flutter.

Type	Total Recording Time	Cat No	Price Per Pack			
			1-2	3-11	12-49	50-499
LN-30 2-Pack	60 Minutes	44-910	1.79	1.61	1.43	1.25
LN-60 2-Pack	120 Minutes	44-911	1.99	1.79	1.59	1.39
LN-90 2-Pack	180 Minutes	44-912	2.49	2.24	1.99	1.74
LN-120 2-Pack	240 Minutes	44-913	3.49	3.14	2.79	2.44

### Reel-to-reel tape. Cassette cases.



#### Studio-quality, open-reel recording tape

High-output tape is ideal for all your recording needs. Heavy-duty 1 mil. polyester base resists stretching. Index and timing chart.

900'. 5" reel. 44-1883... 7.99  
1800'. 7" reel. 44-1884... 12.99



#### Empty tape reels

Replace worn-out or warped take-up reels. Quality plastic reel with storage box, index and timing chart.

5" reel. 44-278... 1.79  
7" reel. 44-279... 2.19



#### 16-tape soft case

Carry 16 boxed or 24 unboxed audio cassettes. Heavy-duty nylon construction.

44-1220... 7.99



#### 10-tape soft case

Carry 10 boxed or 18 unboxed audio cassettes. Heavy-duty nylon construction.

44-1219... 4.99



**36-tape soft case.** Carry 36 boxed or 54 unboxed audio cassettes. Heavy-duty nylon construction. 44-1221... 11.99

**36-cassette hard case.** Protects up to 36 standard cassette tapes. 44-1207... 9.99



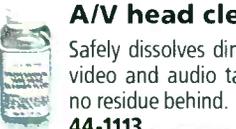
# Get More From Your Equipment

Don't let dirty equipment ruin your listening pleasure. RadioShack has what you need to maintain your tape deck and tapes for the best performance.



## "Pro" A/V cleaning kit

Everything you need to remove accumulations of dust, dirt, grime, oxide deposits and other debris. 44-1115 ..... 4.99



## A/V head cleaning solvent

Safely dissolves dirt and oxide deposits on video and audio tape deck heads. Leaves no residue behind. 44-1113 ..... 3.99



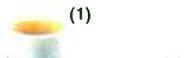
## Cleaner and lube kit

A complete care kit. Apply to tape head and rollers to keep equipment running smoothly. With cleaner and lubricant. 44-217 ..... 2.99

## Hard-to-find tape extras



**Edit block.** For splicing and repairing cassettes. 44-224 .. 3.99



(1)

## Tape for tapes

(1) **Splicing tape.** 1/2" x 100". 44-1127 ..... 1.99



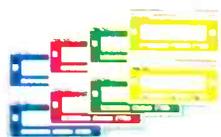
(2)

(2) **Sensing tape.** 100" roll. 44-1155 ..... 4.19



## Cassette shell

Replaces damaged housing to cassette. With 24" leader, instructions. 44-626 ... 1.49



## Index labels

Self-adhesive back sticks to cassette. Six each of red, yellow, blue, green. 44-621 .. Pkg. of 24/1.19



## Cassette mailers

Excellent for demo tapes. Comply with all first-class postal regulations. Includes mailing labels. 44-608 ... Pkg. of 3/1.19



## Phone pickup

For recording personal calls or keeping a record of unwanted calls. (May be incompatible with some electronic telephones.) 44-533 ..... 3.99



## Budget cleaning kit

The low-cost way to protect your investment. Gently cleans away dust, dirt and other debris. 44-1112 ..... 3.99



## Audio head cleaning solution

Gently but thoroughly cleans tape heads, guides and rollers to keep your recorder working great. 44-1010 ..... 1.59



## Cleaning swabs

Ultrathin foam. 44-1001 .... Pkg. of 10/2.99  
Single-tipped foam. 44-1094 .... Pkg. of 10/2.99  
Dual-tipped cotton. 44-1093 .. Pkg. of 100/2.99



## Non-slip solution

Apply to belts and idlers to prevent slippage and ensure uniform speed. Also works on record changers. 44-1013 ..... 1.59



## Foot switch

For hands-free, remote operation of recorders. 44-610 ..... 4.49



## Cassette boxes

Hinged boxes store and protect audio cassettes. 44-611 .... Pkg. of 3/1.99



## Index cards

Fit standard cassette box. 44-623 ... Pkg. of 20/1.49



## Budget mailers

Heavy-duty cardboard. Designed to meet all first-class postal regulations. 44-632 .... Pkg. of 6/1.19



## Bulk tape eraser works fast

Don't make your cassette recorder do extra work. Erases your personal tapes quickly and completely. Not for use on metal tapes or video cassettes. UL listed AC. 44-232 ..... 24.99



## Demagnetizer improves tape sound

A demagnetizer helps cut tape hiss so your cassettes sound better. Loads like an ordinary cassette. Works fast and signals you when it's done. With battery. 44-1165 ... 11.99



## Audio brush and demagnetizer

Our best, with a unique Field Discharge Chip that demagnetizes the tape head as 32,000 filaments gently clean areas others miss. 44-1202 ..... 9.99



## Liquid deck cleaner

Restores your player's performance and helps prevent "tape-eating" by cleaning head, capstan and roller. Ideal for vehicle in-dash tape players. 44-1116 ..... 4.99



## Head cleaner cassette

Kit helps extend tape and player life by removing harmful oxide deposits. Cleaner cassette works with cleaning solution to clean entire tape path. 44-1162 ..... 2.99



## Complete microcassette cleaning kit

Restores clarity to your microcassette recordings. Comes with a micro-size cleaning cassette, probe, mirror and cleaning solution. 44-1168 ..... 5.99



## Microcassette head cleaner

Loads like an ordinary microcassette to gently clean the tape path and restore clarity. 44-1166 ..... 2.99



# Protect CDs at Home & On the Go



**New 120-CD album**  
Holds up to 120 CDs for convenient, safe carrying, or up to 60 CDs with cover cards. Made of durable nylon. 42-236 ... 34.99



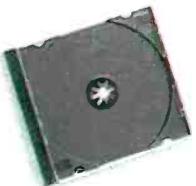
**48-CD wallet**  
An easy way to take discs along with you. Protective sleeves keep CDs secure. Made of durable nylon. 42-230 ... 14.99



**24-CD wallet**  
CDs stay secure inside protective sleeves. Durable nylon. 42-205 ... 9.99



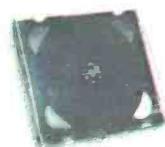
**New Faceplate holder**  
A convenient, safe way to store and carry the removable faceplate from your car stereo or other electronics. 42-250 ... 9.99



**CD jewel boxes**  
Replace your lost or broken jewel boxes in order to help keep your CDs clean, safe and secure. 42-122 ... Pkg. of 2/2.99



**New CD-ROM holder**  
Makes standard cases obsolete. No hinges or hubs to break. Tray slides out for easy access to disc. Fits in all storage devices. Holds up to 32-page booklet. 26-381 ... Pkg. of 5/6.99



**New Dual CD case**  
Makes it easy to transport CDs. Holds 2 CDs in one jewel case. Same size as a standard jewel case. 42-202 .. Pkg. of 3/4.99



**CD carry bag**  
Holds most portable CD players and 5 CD jewel boxes. Easy-access zippered compartment. 42-232 ... 12.99



**30-CD nylon case**  
Safely holds up to 30 CDs in their jewel boxes for easy carrying wherever you go. 42-231 ... 14.99



**CD tote bag**  
Carry your portable CD player securely in this rugged bag. Also holds 12 CDs in their jewel boxes. Storage pocket. 42-221 ... 19.99



**24-disc CD hard wallet**  
Carry your CD collection with you! Grips hold each disc securely. Tough injection-molded case. 42-229, 17.99



**New Entertainment bag**  
Here's a super way to easily carry a complete portable sound system wherever you go. Holds a portable CD player, headphones, CDs and more. Made of attractive and durable leather-like material. 42-240 ... 19.99



**CD spinner**  
Spin through your CD collection for easy selection. Holds up to 40 standard and 4 double CDs. 42-235 ... 9.99



**CD flipper**  
Browse through up to 20 CDs with ease. Precision-rocker design holds CDs securely. 42-234 ... 4.99

## Keep your CDs sounding their best



**Car CD organizer**  
Attaches to back of seat, holds 12 CDs, portable player, more. **RSU 11839164** ... 29.99

**CD notebook case**  
Combination notebook, portable CD case and 12-CD organizer. **RSU 11839206** ... 29.99  
**Cassette notebook case.** Holds notebook, cassette player, 6 tapes. **RSU 11839214** ... 29.99



- CD cleaner fluid**  
(1) Remove dust, fingerprints, more. One fluid oz. 42-126 ... 2.99
- CD cleaning kits**  
(2) Quick, easy way to keep CDs sounding great. With base, cleaning pad and fluid. 42-225 ... 5.99  
(3) Rotating radial system removes dust, cigarette smoke and fingerprints. With fluid. 42-226 ... 9.99
- CD lens cleaner**  
(4) Safely removes dust and dirt. Easy-to-follow instructions recorded on CD. 42-227 ... 9.99
- CD scratch 'n fix**  
(5) Fills light scratches on your CDs so player can read discs and stop "skipping." 42-127 ... 9.99
- New Auto CD cleaner**  
(6) Our best! With 1 oz. fluid. Requires 4 "AA" batteries or AC adapter. 42-228 ... 24.99



# Putting Together an Optimus® Home Theater Surround Sound System by the Numbers

Few decisions are as critical to the enjoyment of great sound as your choice of speakers. That's why RadioShack gives you such a wide selection—from classic floor-standing systems and powerful subwoofers to high-performance shelf-sized models. Each is engineered to excel in the reproduction of sound.

## 1) Start with a stereo pair, the traditional speakers of the house

Paired stereo speakers are the musical instruments of an audio system, responsible for reproducing a wide range of frequencies with fullness and accuracy. They may also be used to deliver the left and right front-channel sound in a home theater system.

Most "speakers" are, in fact, **speaker systems** consisting of two or more drivers in an enclosure. Typically, a speaker system incorporates a **crossover** that directs a specific range of frequencies to the driver optimized for those frequencies. In a 2-way system, the crossover directs lower frequencies (such as the sound of a string bass or organ pedal) to a larger driver, called a **woofer**, and higher frequencies (such as a flute or violin) to a smaller driver, or **tweeter**. A 3-way system adds a **midrange** driver, to which the crossover directs a broad middle range (including most vocals).

Enclosure designs may be either of two types; an **acoustic-suspension** system employs a sealed-enclosure design and produces tight, low-distortion bass. A **bass-reflex** system adds a port for deeper bass and greater efficiency.

At RadioShack, you'll find traditional wood cabinets, die-cast aluminum and high-density molded designs, in finishes such as walnut, white enamel, black ash and stone gray. See pages 109 and 110 for our complete selection of floor-standing and bookshelf loudspeakers.



## 2) Now, sit back and enjoy well-centered sound

In a home theater system with **Dolby Pro Logic® surround sound**, the center channel carries dialogue and up-front action to a speaker placed near the TV. Many sound effects (like

explosions) start in the center channel. Because of its placement, the center-channel speaker must be magnetically shielded to prevent TV picture distortion. On page 111, you'll find two speakers ideal for center-channel use, the Optimus PRO CS-3 and Optimus PRO CS-5 both designed specifically for this purpose.



## 3) Don't move... you're surrounded!

Most video movies and numerous stereo-TV broadcasts feature **Dolby Pro Logic®** surround sound encoded on the soundtrack. In a home theater system, the rear surround channel carries time delayed ambient sounds and sonic effects to speakers positioned beside or behind the viewer. The result is a sense of great spatial height and depth, in which sound seems to move and wrap around the viewer. To experience this effect, we recommend Optimus PRO LX5 speakers (see facing page). The wide-angle 360° dipole tweeter provides resonance that uniquely enhances any program. Or, for those on a tight budget, choose one of the 5 different die-cast mini speakers shown on page 112.



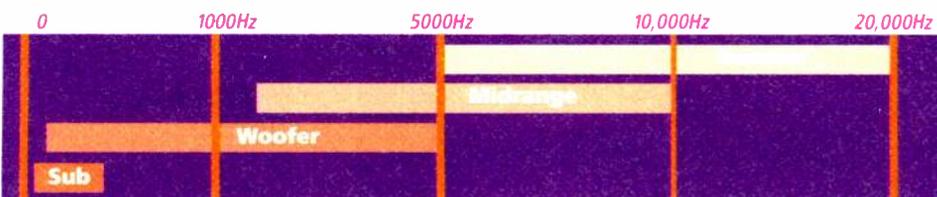
## 4) Get down to the bass-ics with a subwoofer

With the rapid advances in digital audio and home theater, one type of speaker growing in popularity is the **subwoofer**, a component designed to reproduce the very low frequencies (below 250Hz) that other speakers are incapable of delivering. With a powered subwoofer, like Optimus' PRO SW-10P (above), you'll feel these low frequencies throughout your theater

system. A built-in power amp adjusts the tone to match it perfectly with a wide selection of speakers.

Because very low frequencies are nondirectional, you can place a subwoofer nearly anywhere in a room—even behind draperies or a couch. All the sound will seem to flow from the main speakers, regardless of where the subwoofer is hidden.

When teamed with paired stereo speakers like Optimus' STS 800 3-way tower speakers, a subwoofer dramatically extends bass response for richness and depth previously unheard. You can actually feel the impact of motion picture sound effects. You'll experience the awesome rumble of an earthquake, the bone-jarring percussion of a cannon, and so much more! See page 111 for more details on our complete line of subwoofers.



Speaker drivers and the typical frequency ranges they are designed to reproduce include the **subwoofer** (25-250Hz), **woofer** (50-5,000Hz), **midrange** (1,500-10,000Hz) and **tweeter** (5,000-20,000Hz).



**OPTIMUS**  
OFFICIAL CONSUMER  
ELECTRONICS PRODUCTS

RadioShack is proud to be a corporate sponsor of the Rock and Roll Hall of Fame and Museum in Cleveland, Ohio.

For more than 40 years we've delivered great sound through affordable, high-quality audio equipment. Audition our Optimus® speakers today—great 'or rock and roll'!



# The Optimus<sup>®</sup> PRO LX10 tower speaker & PRO LX5 bookshelf speaker: both acclaimed by audio experts!

"Optimus PRO LX10... created a soundstage that was as stable and believable as any we have heard... The speakers were virtually invisible acoustically as well as being unobtrusive." —Stereo Review, April 1997

"Judged by its very reasonable price and excellent performance, the LX10 is certainly one of the better values in today's loudspeaker market."

—Stereo Review, April 1997

"... Optimus PRO LX5 is the best-sounding \$300 pair of loudspeakers I have ever heard."

—Video, March 1995

"LX5... so versatile and so good that anyone could find a use for them... RadioShack is to be commended for this affordable excellence."

—Video, March 1995

"Reproduces music with a clarity and transparency no other budget speaker can match... LX5 mates beautifully with inexpensive powered subwoofers..."

—Video, January 1996

WIDE-ANGLE<sup>SM</sup>  
S O L I D  
by LINAENUM<sup>®</sup>

## You must hear it to believe it— 2-way speaker with 360° dipole tweeter

**Optimus PRO LX10.** Sleek tower speaker intensifies both your home stereo system and home theater system. Top-mounted Linaenum-design ferrofluid-cooled, dipole tweeter resonates expansive 360°

sound—so sharp, the high musical frequencies of violins or female vocals seem to surround you. Two polypropylene 7" woofers move a tremendous volume of air, so the long wavelengths of bass and drums are heard and felt. The ported narrow cabinet is designed to further enhance bass response. Handles up to 80 watts RMS, 160 watts max. Removable grilles on top and front. Gold-plated terminals.

**40-4067, Each 249.99**  
Frequency Response: 50-25,000Hz  
Size: 33<sup>3</sup>/<sub>8</sub>×9<sup>1</sup>/<sub>16</sub>×11<sup>1</sup>/<sub>8</sub>"

# Hear the Sound of the Future Today

Designed exclusively for RadioShack, the loudspeakers on this page bring you a revolutionary advance in audio technology with their wide-angle dipole tweeters.

### QUESTION:

What are the advantages of the "wide-angle" tweeter?



### ANSWER:

The latest advances in sound waveform and psychoacoustics research have led to the development of the wide-angle dipole and monopole tweeters. Unlike conventional cone or dome drivers that "push" sound forward in a narrow dispersion pattern, these ferrofluid-cooled tweeters' flexible polypropylene diaphragms radiate like a guitar or violin string to deliver a much wider frequency range and more accurate stereo imaging than ordinary speakers. The result is an extraordinarily spacious soundstage that makes these compact speakers sound much larger than they are. Visit your nearby RadioShack and hear the sound of the future today.



## 2-way speaker with wide-angle dipole tweeter

**Optimus PRO LX5.** This critically acclaimed speaker combines a top-mounted dipole tweeter that delivers dramatic 360° sound dispersion with a long-throw 5" polypropylene woofer. A state-of-the-art polyurethane foam polymer dust cover and two tapered ports in a die-cast aluminum enclosure round out the system. The result? Smooth response, seamlessly crossing from deep bass into the upper frequencies, soaring to 25,000Hz with incredibly low distortion unmatched by any other tweeter design. The unique tweeter is ferrofluid-cooled to handle high power levels and provide detailed imaging. An acoustically transparent metal grille covers the tweeter; a removable cloth grille covers the woofer.

**40-4061, Each 149.99**  
Frequency Response: 85-25,000Hz Power Capacity: 50 watts RMS/100 watts maximum. Size: 10<sup>1</sup>/<sub>2</sub>×6<sup>1</sup>/<sub>4</sub>×6<sup>1</sup>/<sub>2</sub>"



## 2-way bookshelf speaker with dipole tweeter

**Optimus PRO LX8.** You may not believe you're listening to a bookshelf speaker! This big brother to our popular PRO LX5 speaker is a sound investment for your home stereo system or home theater system. It's revolutionary top-mounted dipole tweeter faithfully reproduces music with crisp, sparkling highs that radiate 360° around you. The 8" polypropylene woofer and ported enclosure team up to reproduce deep, full bass. Tweeter is ferrofluid cooled for increased power handling. Speaker handles 70 watts RMS, 140 watts max. Removable cloth grilles on top and front. Gold-plated terminals. **40-4064, Each 199.99**  
Frequency Response: 50-25,000Hz Power Capacity: 70 watts RMS/140 watts maximum. Size: 18<sup>3</sup>/<sub>8</sub>×9<sup>1</sup>/<sub>16</sub>×13"





**15" 3-way floor speaker**

**Optimus STS 1500.** Our biggest, baddest speaker! Huge 15" woofer provides awesome bass. 6 1/2" mid-range and a 4x10" piezo horn tweeter for crisp highs and mids. 300 watts maximum power handling. High-

level passive crossover, bass-reflex enclosure with black wood-grain vinyl finish. Was \$299.99 in '97 catalog. **40-4069 . . . . . New Low Price! Each 249.99**  
**Response:** 22-20,000Hz. **Power Capacity:** 150 watts RMS/300 watts max. **Size:** 36x18x12"



**8" 3-way tower speaker**

**Optimus STS 800.** Enjoy excellent low-end response and tight, clean bass, compliments of a vacuum-formed 8" polypropylene woofer. Plus, hear accurate mids and natural highs with the 5" midrange and 3/4" mylar dome wide-

dispersion tweeter. Black wood-grain vinyl finish. **40-4068 . . . . . Each 199.99**  
**Response:** 45-20,000Hz **Power Capacity:** 100 watts RMS/200 watts max. **Size:** 34x9 1/2x11"

**Optimus® Speakers—  
Built to Rock!**

*Whether your musical tastes favor Bach or rock, we've got the speaker for you. Hear our complete line of bookshelf and floor-standing speaker systems, then choose the speaker that best suits your taste and budget.*



**6 1/2" 2-way tower speaker**

**Optimus STS 600.** Big sound—small price! Vacuum-formed 6 1/2" polypropylene woofer pumps out tight bass and 3/4" soft-dome tweeter yields crisp, detailed highs. Black wood-grain vinyl finish.

**40-4066 . . . . . Each 149.99**  
**Response:** 55-20,000Hz. **Power Capacity:** 75 watts RMS/150 watts max. **Size:** 28 1/2x8 1/2x10 1/2"



**12" 3-way floor speaker**

**Optimus STS 1000.** Elegant gloss-black, tuned-port cabinet houses a long-throw 12" woofer, a 5" midrange and a 3/4" dome tweeter for great sound. Wood-grain black vinyl finish. Was \$149.99 in '97 catalog.

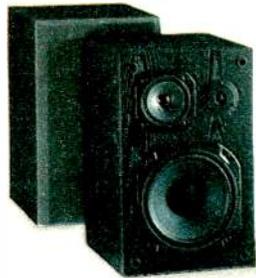
**40-4045 . . . . . New Low Price! Each 129.99**  
**Response:** 40-20,000Hz. **Power Capacity:** 100 watts RMS/200 watts max. **Size:** 23x14x10 1/2"



**10" 3-way bookshelf/floor speaker**

**Optimus STS 200.** Big 10" woofer delivers deep bass. 5" sealed midrange accurately produces mids, while 3/4" dome tweeter ensures clear, natural highs.

Black wood-grain vinyl finish. Was \$129.99 in '97 catalog. **40-4073 . . . . . New Low Price! Each 99.99**  
**Response:** 35-20,000Hz. **Power Capacity:** 75 watts RMS 150 watts max. **Size:** 23x12 1/2x9 1/2"



**8" 3-way bookshelf speaker**

**Optimus STS 100.** Ideal for a larger shelf or floor with optional pedestal stand. A high-compliance 8" woofer, 4" midrange and a 3/8" dome tweeter team up for great sound. Black wood-grain vinyl finish.

**40-4046 . . . . . Each 79.99**  
**Response:** 75-20,000Hz. **Power Capacity:** 50 watts RMS/100 watts max. **Size:** 16 7/8x10 1/2x11 1/2x12 3/16"



**6 1/2" 2-way bookshelf speaker**

**Optimus STS 65.** 6 1/2" woofer and 1" tweeter for great sound. Black wood-grain vinyl finish. Was \$69.99 in '97 catalog.

**40-2091 . . . . . New Low Price! Each 49.99**  
**Response:** 60-20,000Hz. **Power Capacity:** 45 watts RMS/90 watts maximum. **Size:** 13 1/4x7 1/4x9 1/4"



**5" 2-way bookshelf speaker**

**Optimus STS 50.** Sealed enclosure houses a long-throw 5" cone woofer for taut, true bass and a 2 1/2" cone tweeter for clean highs. Walnut-look vinyl finish.

**40-230 . . . . . Each 39.99**  
**Response:** 90-20,000Hz. **Power Capacity:** 40 watts RMS/80 watts max. **Size:** 11x6 1/4x5 1/4"

Cat. No.	Description	Dimensions (H x W x D)	Capacity Each Speaker	Frequency Range	Price
40-230	5" 2-way	11 x 6 1/4 x 5 1/4"	40W RMS/80W max.	90-20,000Hz	Each 39.99
40-2091	6 1/2" 2-way	13 1/4 x 7 1/4 x 9 1/4"	45W RMS/90W max.	60-20,000Hz	Each 49.99
40-4046	8" 3-way	16 1/4 x 10 1/16 x 12 3/16"	50W RMS/100W max.	75-20,000Hz	Each 79.99
40-4073	10" 3-way	23 x 12 1/2 x 9 1/2"	75W RMS/150W max.	35-20,000Hz	Each 99.99
40-4045	12" 3-way	23 x 14 x 10 1/2"	100W RMS/200W max.	40-20,000Hz	Each 129.99
40-4066	6 1/2" 2-way	28 1/2 x 8 1/2 x 10 1/2"	75W RMS/150W max.	55-20,000Hz	Each 149.99
40-4068	8" 3-way	34 x 9 1/2 x 11"	100W RMS/200W max.	45-20,000Hz	Each 199.99
40-4069	15" 3-way	36 x 18 x 12"	150W RMS/300W max.	22-20,000Hz	Each 249.99



**Speaker stands**



**Deluxe 17" speaker stands.** Wide base with tubular support columns and elegant ebony finish. **40-1327 . . . Pair 39.99**



**Angled 6" speaker stands.** For better projection and tighter bass. Was \$34.99 in '97 catalog. **40-1266 . . . Pair 29.99**





**Our best center-channel speaker has a Linnaeum-designed wide-angle tweeter**

**Optimus PRO CS-5.** Magnetically shielded for placement on or near TV. Dual 5" polypropylene woofers and 3x3½" wide-angle monopole tweeter team up for realistic center-channel home theater sound with 180° sound dispersion. Bass-reflex enclosure. Has adjustable "feet" for directing sound toward viewers. Was \$199.99 in '97 catalog. **40-4065, New Low Price! 149.99**  
**Response:** 70-25,000Hz. **Power Capacity:** 80 watts RMS/160 watts max. **Size:** 6⅞" x 18¼" x 10"



**Center-channel speaker with dual 4" woofers**

**Optimus PRO CS-3.** Optimus quality at an affordable price! Accurately reproduces dialogue and all on-screen action with its dual 4" woofers and soft-dome tweeter. Magnetically shielded for placement near your TV without causing picture distortion. Was \$129.99 in '97 catalog.  
**40-4059** ..... **New Low Price! 99.99**  
**Response:** 65-20,000Hz. **Power Capacity:** 60 watts RMS/120 watts max. **Size:** 5x14¼x9¼"



**120-watt powered subwoofer**

**Optimus PRO SW-10P.** Add to your home theater system for sound you can feel. Built-in amp lightens your receiver's load—power normally used for bass is available for higher frequencies. You'll experience the full impact of movie sound effects. Ported cabinet, 10" woofer. Adjustable 50-150Hz high-cut filter. High and low-level inputs. **40-4070** ..... **399.99**  
**Response:** 28-180Hz **Power Output:** 120 watts RMS into 4 ohms from 28-180Hz, no more than 1% total harmonic distortion **Size:** 14⅞" x 13¼" x 16⅞"



**12" front-firing subwoofer**

**Optimus PRO SW-120.** Adds a new dimension to home stereo and home theater listening—you'll hear and feel the action. Front-firing 12" woofer. Bass-reflex enclosure with tuned port. 150Hz crossover.  
**40-4054** ..... **199.99**  
**Response:** 45-150Hz **Power Capacity:** 100 watts RMS/200 watts max. **Size:** 15½" x 14½" x 12½"



**Ported 12" subwoofer**

**Optimus PRO SW-14.** 12" cone woofer has a generously big 17-ounce magnet and 2" dual voice-coil for impressive bass performance. Bass-reflex enclosure with tuned port for maximum efficiency. 200Hz crossover. **40-4072** ..... **149.99**  
**Response:** 29-200Hz **Power Capacity:** 100 watts RMS/200 watts max **Size:** 15½" x 17" x 16"

Cat. No.	Description	Dimensions (H x W x D)	Capacity Each Speaker	Frequency Range	Price
40-4059	Dual 4" 2-way center speaker	5 x 14¼ x 9¼"	60W RMS/120W max.	65-20,000Hz	99.99
40-4065	Dual 5" 2-way center speaker	6⅞ x 18¼ x 10"	80W RMS/160W max.	70-25,000Hz	149.99
40-4072	12" ported subwoofer	15½ x 17 x 16"	100W RMS/200W max.	29-200Hz	149.99
40-4054	12" front-firing subwoofer	15½ x 14½ x 12½"	100W RMS/200W max.	45-150Hz	199.99
40-4070	10" powered subwoofer	14⅞ x 13¼ x 16⅞"	Amplified 120W RMS	28-180Hz	399.99

**QUESTION:**

*Why do I need a subwoofer?*



**ANSWER:**

*The deep, rich bass a subwoofer delivers makes any system sound dramatically better. Ideal for use with small "satellite" speakers. And since it's omnidirectional, you can place a subwoofer wherever it's convenient in your listening room.*

**QUESTION:**

*Why get an amplified subwoofer?*

**ANSWER:**

*A self-amplified subwoofer leaves your receiver free to concentrate its power on your satellite speakers or B speakers; saving your system from overwork, and enabling you to get the best performance out of lower-powered receivers.*





**Two-way mini speaker with 5" woofer and "wide-angle" Linaeum® monopole tweeter**

**Optimus PRO X77.** True wide-angle sound technology from Linaeum puts this speaker in select company. You get pure, clear high-frequency response to 25,000Hz from the front-mounted 3x3½" tweeter. Plus, it delivers an even, uncolored sonic image across a full 180°-wide area! This speaker actually delivers *decreasing* distortion as sound moves to the higher frequency ranges. The enclosure's tapered rear port and the 5" high-compliance polypropylene woofer with state-of-the-art polymer dust cover combine for solid bass down to 90Hz. The back of the tough aluminum enclosure is tapped with two pairs of mounting holes for easy attachment to stands or wall mounts. 55 watts RMS/110 watts max. Contoured removable cloth covered grille on the stone gray model, metal mesh grille on white. Includes optional rubber feet. 8⅞x5⅞x5⅜".  
**Gray, 40-2072. White, 40-2077, Each 129.99**



**Die-cast 2-way high-power mini speaker**

**Optimus PRO 77.** This versatile performer is ideal for surround sound, small stereo system, extension or mobile use. The ported die-cast metal enclosure and 5" high-compliance woofer combine for powerful bass, while the 1" soft-dome tweeter produces crisp, pure highs. Response, 90-20,000Hz. 70 watts RMS/140 watts max. Metal mesh grille. 9¼x5⅞x4⅜".  
**Black, 40-2057. White, 40-2058 . . . Each 99.99**



**Shielded 2-way die-cast home-theater speaker**

**Optimus PRO 7AV.** Magnetic shielding makes it excellent for use near a TV or a PC monitor—a fine choice for main front stereo speakers and center-channel sound in a home theater. Has die-cast metal enclosure and 4" cone woofer for solid, accurate bass plus a 1" soft-dome tweeter for pure, detailed highs. Response, 120-20,000Hz. 40 watts RMS/80 watts maximum. Metal grille. 7⅞x4½x4⅜". Was \$79.99 Each in '97 catalog. **Black, 40-2048. White, 40-2059. . . . . New Low Price! Each 69.99**



**High-performance die-cast 2-way mini**

**Optimus PRO X7.** Powerhouse teams a 4" woofer for solid bass and a 1" dome tweeter for crisp highs. Response, 100-20,000Hz. 50 watts RMS/100 watts maximum. Cloth grille on gray model, metal grille on white model. 8x5x5¼".  
**Gray, 40-2071. White, 40-2076 . . . . Each 79.99**



**Die-cast 2-way mini bookshelf speaker**

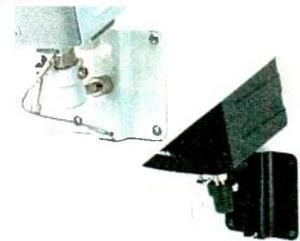
**Optimus PRO X5.** Here's proof that a small speaker doesn't have to sacrifice superb sound. High-compliance 3" woofer and ferrofluid-cooled tweeter. Response, 150-20,000Hz. 15 watts RMS/30 watts max. Cloth grille on gray model, metal grille on white model. 6½x4x4½".  
**Gray, 40-2070. White, 40-2075 . . . Each 49.99**

**Put Great Sound in a Tight Space**

Our Optimus® die-cast mini speakers are consistently best-sellers. The quality sound they produce is comparable to that of larger speakers, but comes from a compact, rugged speaker enclosure that fits almost anywhere.



**Stands and wall mounts**



**New Universal wall-mount brackets.** Ball-and-swivel design lets you direct sound for optimum projection and stereo imaging. Includes mounting plate for PRO LX5. **Black, 40-2063. White (PRO LX5 mounting plate not included), RSU 10484939. . . . . Pair 39.99**



**Mounting brackets for Optimus speakers.** For Optimus PRO 77 series at left. **White, RSU 10034163 . . . . . Pair 19.99**



**Floor stands.** Tubular steel stands raise speakers 30" above floor for optimum sound placement and great looks. Ideal for rear speakers in a home theater system. Speaker cable can be run inside tubes for "invisible" wiring. **Black, 40-1351. . . . . Pair 79.99**  
**White, RSU 10458511 . . . . . Pair 79.99**

Cat No./Model	Description	Dimensions (H x W x D)	Power Capacity Per Channel RMS/max.	Freq. Range (Hz)	Price (Each)
40-2075 PRO X5 WHITE	3" 2-way speaker	6½ x 4 x 4½"	15W/30W	150-20,000	49.99
40-2070 PRO X5 GRAY	3" 2-way speaker	6½ x 4 x 4½"	15W/30W	150-20,000	49.99
40-2059 PRO 7AV WHITE	4" 2-way, shielded	7⅞ x 4½ x 4⅜"	40W/80W	120-20,000	69.99
40-2048 PRO 7AV BLACK	4" 2-way, shielded	7⅞ x 4½ x 4⅜"	40W/80W	120-20,000	69.99
40-2076 PRO X7 WHITE	4" 2-way speaker	8 x 5 x 5¼"	50W/100W	100-20,000	79.99
40-2071 PRO X7 GRAY	4" 2-way speaker	8 x 5 x 5¼"	50W/100W	100-20,000	79.99
40-2058 PRO 77 WHITE	5" 2-way speaker	9¼ x 5⅞ x 4⅜"	70W/140W	90-20,000	99.99
40-2057 PRO 77 BLACK	5" 2-way speaker	9¼ x 5⅞ x 4⅜"	70W/140W	90-20,000	99.99
40-2077 PRO X77 WHITE	5" 2-way, monopole tweeter	8⅞ x 5⅞ x 5⅜"	55W/110W	90-25,000	129.99
40-2072 PRO X77 GRAY	5" 2-way, monopole tweeter	8⅞ x 5⅞ x 5⅜"	55W/110W	90-25,000	129.99

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**SPEAKER ACCESSORIES**

See Index for these listings:

Hardware • Switches, Stereo Speaker • Wire and Cable, Speaker



Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited™. Shipping and pricing information on page 4.



**2-way swiveling satellite speaker system is a natural for full stereo and home theater sound**

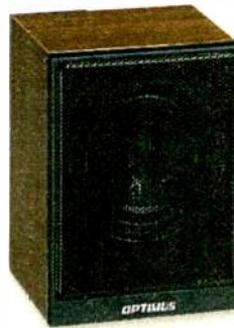
**XTS 10.** This speaker system is small in size but giant in performance! The dual speaker enclosures let you swivel the top speaker for a smooth mix of direct and reflected sound. For more direct sound, swivel the top speaker so it points at the listening area. For reflected sound, adjust the top speaker away from the listening area, toward a wall or window; the sound will reflect back to you. Each unit contains a 3½" woofer and 2¼" tweeter in separate air-suspension enclosures for accurate midrange and highs, making them ideal for front or rear channel use in a home surround-sound system. Also great for use as satellite speakers when paired with one of our subwoofers (see page 111). The acoustic design carefully matches the two dynamic elements with the enclosure and damping materials, resulting in amazingly smooth, broad frequency response. For optimum sound, place speakers on a table or shelf near the corner of a room. Mounting holes on the back of the speakers also let you mount the speakers on a wall bracket or stand. Rated at 30 watts RMS, 60 watts max. power capacity per channel. Frequency response: 170-20,000Hz. 8¾"×4¾"×6".

**40-2078 . . . . . Pair 79.99**



**Compact shelf speaker**

**XTS 24.** Ideal for use with a small stereo, or as a rear-channel speaker in home theater. 4" full-range driver. Response, 100-18,000Hz. 20 watts RMS, 40 watts max. 9¾"×5½"×4¾". **40-232 . . . Each 29.99**



**Shielded compact A/V speaker**

**XTS 25.** Magnetic shielding for use near a TV or monitor—great sound, won't distort picture. 4" full-range driver. 10 watts RMS, 20 watts max. power handling. 130-18,000Hz. 6½"×4¾"×4¼".

**40-1999 . . . . . Each 19.99**



**Shielded A/V cube speaker**

**XTS 40.** An economical choice for use in a surround-sound system or with a multimedia computer system. Magnetically shielded to prevent picture distortion when used near a TV or PC. Stylish black enclosure houses a 4" driver. Response, 150-18,000Hz. 20 watts RMS, 40 watts max. 5×5×4½".

**40-1991 . . . . . Each 19.99**



**Indoor/outdoor 6½" speaker.** Moisture resistant. 15 watts RMS/30 watts max. 8 ohms. 4½"×8¼"×3¾".

**40-1248 . . . . . Each 29.99**

**4"** 5 watts RMS/10 watts max. 8 ohms. 4¾"×5½"×3".

**40-1227 . . . . . Each 19.99**



**Mini speakers for portable players**

An inexpensive way to share tunes from your portable tape or CD player. Tough, plastic enclosures withstand bangs and bumps. ½" plug. 2¼"×3¾"×2¾".

**40-1401 . . . . . Pair 9.99**



**Mini speakers for sports stereos**

Yellow enclosures match "sports" players. Plus, they're splash-resistant! Plug into jack

on portable CD or cassette player to share the sound. ½" plug. 2¼"×3¾"×2¾". **40-1400 . . . Pair 9.99**

Cat. No.	Description	Dimensions (H x W x D)	Power Capacity Per Channel RMS/max.	Frequency Range	Price
40-1227	4" full-range, indoor/outdoor	4¾" x 5½" x 3"	5 watts/10 watts	160-10,000Hz	<b>19.99 ea.</b>
40-1991	4" full-range, shielded	5 x 5 x 4½"	20 watts/40 watts	150-18,000Hz	<b>19.99 ea.</b>
40-1999	4" full-range, shielded	6½" x 4¾" x 4¼"	10 watts/20 watts	130-18,000Hz	<b>19.99 ea.</b>
40-232	4" full-range speaker	9¾" x 5½" x 4¾"	20 watts/40 watts	100-18,000Hz	<b>29.99 ea.</b>
40-1248	6½" full-range, indoor/outdoor	4½" x 8¼" x 3¾"	15 watts/30 watts	90-8,000Hz	<b>29.99 ea.</b>
40-2078	3½" 2-way, swivel type	8¾" x 4¾" x 6"	30 watts/60 watts	170-20,000Hz	<b>79.99 pr.</b>



# Forget the Wires

If you don't like the look of speaker wires or if you want to have speakers in hard-to-reach places, we have the answer. Check out our wireless and in-wall speakers.



**New 900MHz wireless stereo amplified speakers**

**AMX-25.** The latest in wireless speaker technology! This speaker system's signals travel easily through walls and floors, delivering high-quality stereo sound to virtually anywhere in or around your home. Included transmitter connects to your audio source, and speakers pick up signals from the transmitter—without wires! Two-way, bass reflex speaker design for maximum efficiency. 4" woofer, 2" tweeter. Bass boost for powerful bass, 10-watt amplifier for clear sound. (TSP)

- 40-1372 ..... Pair 249.99
- Speaker brackets.  
RSU 11244746 ..... Pair 29.99
- Additional 900MHz wireless speaker.  
RSU 11707734 ..... Each 99.99
- 900MHz wireless headphones. Enjoy rich wireless headphone stereo from AMX 20 system. With AC charger.  
RSU 11451549 ..... 69.99



**Outdoor 360° speaker**

Ideal for deck, patio or poolside. Omnidirectional design delivers rich sound in a full 360° pattern. The adjustable bracket allows mounting under eaves, on soffit or wall. Moisture resistant. 30 watts RMS/50 watts max. Impedance, 8 ohms. With mounting bracket and hardware.

- 40-1352 ..... Each 49.99

## Built-in special-application speakers

**Enjoy more space, a clean installation and well-placed sound**

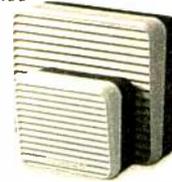
In-wall and ceiling-mount speakers, once found only in professional PA installations, are great for homes too! For a custom home theater installation or whole-house speaker network, our affordable built-in speakers deliver superb sound. These great-sounding speakers are easy to install, and can be painted to match your decor.



Tiltable Monopole Tweeter

**New In-wall speaker system with Lineaum® monopole tweeter**

A great choice for custom home theater surround sound installations! Use a pair for your front speakers, mount one over your TV screen for a center-channel speaker, and/or mount a pair in the back of the room for rear-channel sound. Each mounts in the wall or ceiling for full, realistic sound without using up valuable space—and without all those unsightly wires! They sound great, and since they mount flush, you can position them for optimum sound staging without having to consider furniture position. You can even paint the grilles to match your decor. Lineaum-designed polypropylene monopole tweeter puts out exceptional 180° "wide-angle" sound and can be tilted up or down to direct the sound right to your viewing area. 6.5" woofer delivers great bass response. 50 watts RMS/100 watts max. Wall mount bracket included. 40-1425 ..... 99.99 Each

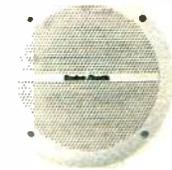


**Indoor/outdoor 6 1/2" speaker.**

Moisture resistant. 15 watts RMS/30 watts max. 8 ohms. 4 1/2" x 8 1/4" x 3 1/8". 40-1248 ... Each 29.99

4" 5 watts RMS/10 watts max 8 ohms. 4 1/4" x 5 1/2" x 3".

- 40-1227 ..... Each 19.99



**Moisture-resistant all-weather speaker**

This 6" two-way speaker stands up to humidity and water spray. 10 watts RMS/20 watts max. 8 ohms. With gasket, mounting screws.

- 40-1371 ..... Each 29.99



**Round ceiling/wall-mount 5 1/4" 2-way speaker**

Mounts flush with ceiling or wall. Great as full-range stereo, whole-house intercom network or home theater surround sound speakers. Mounting hardware included.

- 40-1367 ..... Each 39.99

**Rectangular in-wall 5 1/4" 2-way speaker**

Uses a rectangular grille, much like a standard shelf speaker. 30 watts RMS/60 watts max. 5 1/4" long-throw woofer and Mylar dome tweeter. Mounting hardware included. 40-1365 ... Each 49.99

**In-wall/ceiling 6 1/2" 2-way**

6 1/2" polypropylene woofer delivers solid, accurate bass, while the silk-dome tweeter provides clean, true highs. Handles 40 watts RMS, 80 watts max. power. Mounting hardware included.

- 40-1368 ..... Each 69.99



## 25-watt 3-piece subwoofer/satellite system

**PRO SWS-250.** Enhance your multimedia experience with a 5" subwoofer in a bass-reflex enclosure with volume and balance controls and a pair of 3" satellite speakers. Microphone jack lets you use the system as a mini PA or karaoke system. Magnetically shielded to prevent interference from your TV or computer. Wide 50-20,000Hz frequency response. AC-powered. Subwoofer—14 1/2 x 6 1/2 x 9 1/2"; satellite—6 1/8 x 4 7/16 x 6 1/16". Was \$199.99 in '97 catalog. (TSP) **40-4075** . . . . . **New Low Price! 149.99**



## Our best! 2-way speakers with surround effect

**AMX 17.** Bring sound to life with 15 watts max power to each speaker. Power, volume, bass and treble controls. Plus, these innovative speakers have a built-in surround effect.

Each 2-way speaker has a shielded 4" woofer and 1 1/4" tweeter. AC powered. 9 1/8 x 5 1/2 x 7 1/16". (TSP)

**40-1402** . . . . . **Pair 99.99**



## Shielded 2-way

**AMX 12.** Ported enclosures and Bass Boost for solid sound. Surround-effect adds depth to stereo image. 3.5 watts per channel. 40-30,000Hz. 4" woofer/ 2" tweeter. 7 3/16 x 4 9/16 x 4 7/8". Requires 8 "C" batteries or AC adapter #273-1652 or DC cord #270-1528. (TSP) **40-1361** . . . . . **Pair 59.99**

tweeter. 7 3/16 x 4 9/16 x 4 7/8". Requires 8 "C" batteries or AC adapter #273-1652 or DC cord #270-1528. (TSP) **40-1361** . . . . . **Pair 59.99**

## New Budget PC speakers

**AMX 18.** Compact magnetically shielded stereo speakers include speaker wire and brackets for mounting. Extended bass adds exciting depth to multimedia programs and games. Each is 5 1/16 x 3 7/16 x 3 3/8". Requires 4 "AA" batteries in each speaker or our AC adapter #273-1656.



**40-1404** . . . . . **Pair 29.99**

## Shielded with bass boost

**AMX 10.** Connect to your PC or portable for rich stereo sound. Volume, bass, treble and power controls. LED on/off indicator. Magnetically shielded. 150Hz-20KHz range. 7 3/16 x 4 1/4 x 4". Requires 4 "C" batteries or AC adapter #273-1653. **40-1403** . . . . . **Pair 39.99**



## Amplified speakers

**AMX 5.** This budget-priced pair features 4" full-range drivers plus bass/treble controls to adjust the sound to your liking. Plug into your stereo portable's 1/8" headphone or line-out jack. Speakers interconnect for easy toting. 160-10,000Hz. Each enclosure measures 6 1/2 x 5 1/4 x 3 1/16". Requires 4 "C" batteries or AC adapter #273-1656. **40-1387** . . . . . **Pair 29.99**



## Budget amplified

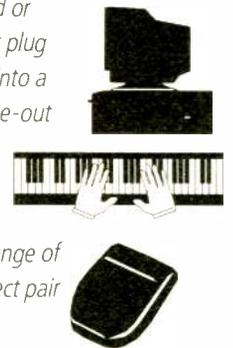
**AMX 3.** Our lowest priced amplified speakers plug into your personal portable's 1/8" stereo headphone jack to share the music with others. Bass and treble controls. LED power indicator. Each compact 4 x 2 1/2 x 2 7/8" speaker has a 2 1/2" driver. Requires 4 "C" batteries or AC adapter #273-1651.



**40-168** . . . . . **Pair 19.99**

# Amplified... In or Outside

Put sound wherever you want it, with amplified speakers. Most of these speakers are battery-operated for portability, and many can be powered by available AC or 12-volt DC adapters. Take advantage of multimedia sound on your computer with our shielded PC speakers. Connect to a notebook computer and you can give multimedia presentations with sound effects at school, work, anywhere! They also work great with a musical keyboard or portable CD player. Just plug the amplified speakers into a stereo headphone or line-out jack to share the music. Our selection offers the sizes, features and power you want, in a range of prices. Choose the perfect pair for you!



## Adapting Accessories



- (1) 9V 500mA AC adapter includes extra DC tip. **273-1651** . . . . . **11.99**
- (2) 12V 500mA AC adapter includes four DC tips. **273-1652** . . . . . **12.99**
- (3) 12V 1000mA AC adapter includes extra DC tips. **273-1653** . . . . . **21.99**
- (4) 9V 800mA AC adapter. **273-1656** . . . . . **12.99**
- (5) 20-ft. 1/8" amplified speaker extension cord. **42-2462** . . **6.49**

Cat No./Model	Description	Dimensions (HxWxD)	Output Per Channel Max Power	Freq. Range (Hz)	Volume Control	Tone Control	Bass Boost	Other Features	Price
40-168/AMX 3	2 1/4" amplified speaker	4 x 2 1/2 x 2 1/8"	1.5W	500-12,000		Bass/treble			<b>19.99</b>
40-1387/AMX 5	4" amplified speaker	6 1/2 x 5 1/2 x 3 1/16"	1W	160-10,000	✓	Bass/treble			<b>29.99</b>
40-1404/AMX 18	3" amplified speaker	5 1/16 x 3 7/16 x 3 3/8"	.75W	160-12,000	✓	Bass/treble	✓		<b>29.99</b>
40-1403/AMX 10	3 1/2" amplified speaker	7 3/16 x 4 1/4 x 4"	2W	150-20,000	✓	Bass/treble	✓		<b>39.99</b>
40-1361/AMX 12	4" 2-way amplified speaker	7 13/16 x 4 9/16 x 4 7/8"	3.5W	40-30,000	✓		✓	Surround effect	<b>59.99</b>
40-1402/AMX 17	4" 2-way amplified speaker	9 1/8 x 5 1/2 x 7 1/16"	15W	60-18,000	✓	Bass/treble		Surround effect	<b>99.99</b>
40-4075/ PRO SWS-250	5" subwoofer with 3" satellites	(sub) 14 1/2 x 6 1/2 x 9 1/2" (sat) 6 1/8 x 4 7/16 x 6 1/16"	25W (system)	50-20,000	✓		✓	Mic input	<b>149.99</b>





**3x4" dipole tweeter**

360° sound dispersion. Housing mounts atop speaker enclosure. Design by Lineaum®. 50W RMS/100W max power. Was \$49.99 in '97 cat. 40-1389... **New Low Price! 39.99**



**Add-on super tweeter**

Extends response to an incredible 40,000Hz! Easy hookup. Internal crossover. 50 watts RMS/100 watts max. power capacity. 3 7/8" diameter. 40-1310... **Each 24.99**



**New 3 1/2" bullet horn tweeter**

Piezo ceramic driver eliminates distortion due to mechanical interference. 75W RMS/150W max. 1.8kHz-30kHz. 93dB SPL 1W/1M. 40-1221... **19.99**



**1" soft-dome tweeter**

Dynamic. 40W RMS/80W max. 6kHz-20kHz. 87dB SPL 1W/1M. 40-1276... **19.99**



**Twin-piezo horn tweeter**

100W RMS/200W max. 3.5kHz-20kHz. 3 3/4x2 1/2". 99dB SPL 1W/1M. 40-1392... **19.99**



**2x6" dynamic tweeter**

60W RMS/120W max. 5kHz-17kHz. 96dB SPL 1W/1M. 40-1228... **16.99**



**New 2x6" piezo tweeter**

75W RMS/150W max. 1.8kHz-30kHz. 93 dB SPL 1W/1M. 40-1219... **14.99**



**2 1/4" dynamic horn tweeter**

12W RMS/24W max. 6kHz-16kHz. 98dB SPL 1W/1M. 40-1278... **14.99**



**6 1/2x3 3/4" piezo horn**

100W RMS/200W max. 4kHz-27kHz. 92dB SPL 1W/1M. 40-1398... **11.99**



**New 3 1/2" super horn tweeter**

75W RMS/150W max. 4kHz-27kHz. 93dB SPL 1W/1M. 40-1218... **9.99**



**New 3 3/4" piezo tweeter**

100W RMS/200W max. 4kHz-27kHz. 90dB SPL 1W/1M. 40-1233... **9.99**



**1 3/4" dynamic tweeter**

25W RMS/50W max. 5kHz-20kHz. 91dB SPL 1W/1M. 40-1270... **9.99**



**2" piezo tweeter**

50W RMS/100W max. 5kHz-25kHz. 94dB SPL 1W/1M. 40-1383... **4.99**

**THE SPEAKER SOURCE**

Audiophiles, hobbyists, do-it-yourselfers: come to RadioShack when you need to replace or upgrade speakers in radios, TVs, PCs, guitar amps, PA systems and car stereos. Our enclosure-ready drivers are great for custom speaker systems and home theater, too.



**4" midrange**

20W RMS/40W max. 2.8-oz. magnet. 1.5kHz-11kHz. 92dB SPL 1W/1M. 40-1282... **12.99**



**3" midrange/tweeter**

15W RMS/30W max. 3-oz. magnet. 700Hz-20kHz. 89dB SPL 1W/1M. 40-1289... **12.99**

**Stereo L-pad volume control**

Controls volume of two speakers while maintaining proper 8-ohm impedance. 75W peak. 40-978... **19.99**

**L-pad volume control**

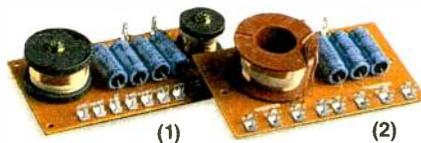
Monaural. Controls volume of one speaker, maintains 8-ohm impedance. 25W peak. 40-980... **7.99**

**Metal wall brackets**

Great for surround speakers. Each can support up to 50 pounds. 40-150... **Pair 3.99**

**Crossover choke coil**

High linearity for low distortion. 4.25mH. 200W. Cutoff: 150Hz at 4 ohms, 300Hz at 8 ohms. 40-1326... **14.99**



**Universal crossover networks**

Each directs high frequencies to tweeter, lows to woofer. 3-way type also directs mid-frequencies to midrange speaker. For home, PA or car speakers. Rated 100 watts. 6dB/octave. (1) For 3-way system. 40-1299... **16.99**  
(2) For 2-way system. 40-1296... **9.99**

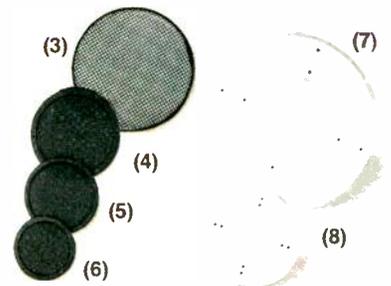


**Learn about building speakers**

**Building Speaker Systems.** Illustrations and easy-to-follow text about building enclosures, selecting drivers, and wiring. Includes plans for four home systems and a 2-chapter section on vehicle speakers. 160 pages. 62-1087... **6.99**

**Advanced Speaker Systems book**

Use a calc or computer to design speakers, crossovers, enclosures. 128 pages. 62-2317... **7.99**



**Metal grilles for round speakers**

- (3) 18" RSU 10484913... **19.99**
- (4) 12" 40-1346... **12.99**
- (5) 10" 40-1357... **11.99**
- (6) 8" 40-1345... **9.99**

**Metal grilles for ceiling speakers**

- (7) 8" 40-1223... **6.99**
- (8) 4" 40-1220... **4.99**



**Speaker wall plate with jacks and plugs**

Fits standard single electrical box. Plate has two phono jacks. With two phono plugs. 40-991... **3.99**



**Wall plate with speaker terminals**

Fits standard single electrical box. Four push-button terminals accept speaker wires. 40-985... **3.99**



**8-speaker switcher**

For high-power setups. Select one, two, three or all four pairs. Rated 100 watts/channel. 40-137... **29.99**



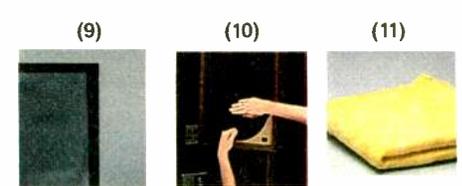
**6-speaker switcher**

For up to three pairs of stereo speakers. Select one, two or all three pairs. 10W/channel. 40-125... **19.99**



**4-speaker switcher**

For 2 pairs of stereo speakers. Select one pair or both. Metal case. Mounting tabs. 40-132... **9.99**



**Grille fabric, foam, insulation**

- (9) **Speaker grille fabric.** Dress up older speakers or beautify your new custom-built speakers. 36x34". Gray, 40-1953. Black, 40-1935... **Each 7.99**  
**Bulk speaker grille fabric.** Black. 3 yds.x32". RSU 11268034... **19.99**
- (10) **Foam speaker grille.** Acoustically transparent. 17x23 1/2x3/4". Black. 40-1951... **9.99**
- (11) **Acoustic insulation.** Helps damp unwanted resonances in cabinets. 1 sq. yd. 42-1082... **4.79**





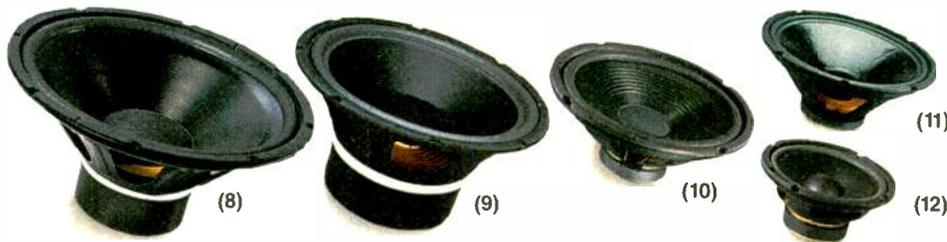
### Dual-voice-coil subwoofers—build your own deep-bass speaker system

Fig.	Size	Capacity (Watts) RMS/Max.	Effective Range (Hz)	Wt. (Oz.)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (Ft.3)	SPL (dB) 1W/1M	Cat. No.	Each
1	12"	60/120	26-2700	19	21	.38	13.3	89/95	40-1350	59.99
2	10"	50/100	30-2000	20	38	.52	3.2	91/89	40-1349	49.99
3	8"	50/100	40-2500	18	45	.48	1.7	86/92	40-1348	39.99
4	6½"	40/80	40-3000	10	51	.51	.75	91/89	40-1373	24.99



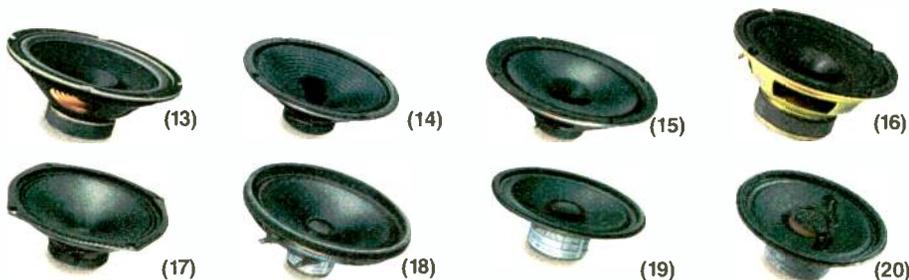
### Paper-cone woofers—ideal for use in custom speaker designs

Fig.	Size	Capacity (Watts) RMS/Max.	Effective Range Hz	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (Ft.3)	SPL (dB) 1W/1M	Cat. No.	Each
5	10"	20/40	40-5,000	40	.93	4.3	91	40-1331	39.99
6	8"	50/100	45-2,500	50	.58	1.4	91	40-1016	29.99
7	4"	5/10	55-5,000	85	.47	.23	84	40-1022	19.99



### Woofers with extra-durable, long-life polypropylene cones

Fig.	Size	Cap. (Watts) RMS/Max.	Effective Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>TS</sub>	V <sub>AS</sub> (Ft.3)	SPL (dB) 1W/1M	Cat. No.	Each
8	15"	100/200	35-1,500	20	.45	21.0	91	40-1301	79.99
9	12"	50/100	40-3,000	21.5	.665	15.5	88	40-1026	59.99
10	10"	50/100	35-3,000	37	.554	4.0	87	40-1014	39.99
11	8"	50/100	40-3,000	35	.48	2.1	87	40-1024	29.99
12	6½"	20/40	50-6,000	50	.40	1.5	92	40-1011	24.99



### Wide-range speakers—perfect for replacements in stereos, TVs, radios

Fig.	Size	Cap. (Watts) RMS/Max.	Effective Range (Hz)	Magnet Wt. (Oz.)	Cat. No.	Each
13	8"	15/30	57-16,000	9.4	40-1286	19.99
14	8"	5/10	90-20,000	5.3	40-1272	12.99
15	8"	5/10	75-25,000	2.8	40-1271	9.99
16	6"	7/14	55-12,000	9.8	40-1285	14.99
17	6"	2.5/5	90-20,000	2.8	40-1242	7.99
New 18	3"	2/4	175-5,000	.38	40-252	3.99
New 19	2¼"	.5/1	390-5,000	.32	40-251	2.99
New 20	2"	.5/1	400-5,000	.32	40-250	2.99

**COMPLIANCE (V<sub>AS</sub>).** The relative stiffness of a speaker cone's suspension. The larger the speaker, the higher the number is.

**CROSSOVER NETWORK.** A circuit that splits the audio frequencies into different bands for application to individual speakers.

**DUAL VOICE COIL.** Allows the very low bass effects from stereo channels to be reproduced by a single subwoofer.

**DYNAMIC SPEAKER.** A speaker that uses a voice coil and a magnet in its driving element.

**FREE-AIR RESONANT FREQUENCY (F<sub>0</sub>).** The lower limit of a speaker's ability to reproduce lows accurately.

**FULL-RANGE SPEAKER.** A speaker designed to reproduce all or most of the sound spectrum.

**PEAK POWER RATING.** The maximum power, in watts, that can be applied to a speaker over a very short period of time without causing damage.

**PIEZOELECTRIC TWEETER.** High-frequency speaker that uses a crystal or ceramic element in place of a magnet, voice coil and cone.

**RESONANCE MAGNIFICATION (Q<sub>TS</sub>).** The tendency of a speaker to reach peak output operating at the free-air resonant frequency.

**RMS (CONTINUOUS) POWER RATING.** The average power, in watts, that can be safely applied to a speaker over a long period of time.

**SOUND PRESSURE LEVEL (SPL).** Measures speaker efficiency. The higher the number, the more efficient (and loud) the speaker will be.

**QUESTION:**

How loud can I play these speakers?



**ANSWER:**

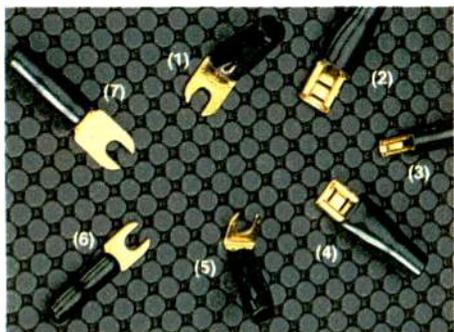
Sound Pressure Level, measured in decibels, is the most crucial factor, not the power handling rating. As its definition (above) indicates: the higher the decibel sensitivity rating, the more efficient (and loud) the speaker will be.

For example:

Speaker A has an 88.6dB rating and Speaker B has a 92dB rating when each is powered by a 1-watt amplifier. In order to reach an ear-splitting rock concert level of 115dB, Speaker A needs a 512-watt amplifier; while Speaker B—a more efficient speaker—needs only a 256-watt amplifier to reach 116dB.

As this example illustrates, it is better to invest in efficient speakers than to make the more expensive investment in high-power amplifiers.

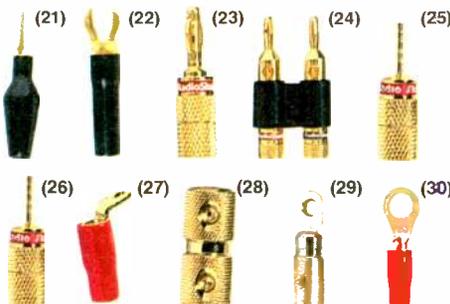




### Premium gold-plated RCA (phono) connectors

24K gold-plated components and solid brass barrels. Plugs and inline jacks are color-coded for easy left/right channel ID.

- (12) Plugs. RSU 11537479. . . . . Set of 4/19.99
- (13) "Black" plugs. RSU 11537461. . . . 4/19.99
- (14) Inline jacks. RSU 11537487, Set of 4/19.99
- (15) "Black" jacks. RSU 11559820. . . . . 4/19.99
- (16) Panel jacks. RSU 11537495, Set of 2/9.99
- (17) Male-to-male adapters. Each joins 2 phono jacks. RSU 11537511. . . . . Set of 4/17.99
- (18) "Black" male-to-male adapters. Each joins 2 phono jacks. RSU 11537503. . . . . Set of 4/9.99
- (19) Female-to-female adapters. Each joins 2 phono plugs. RSU 11537537. . . . . Set of 4/17.99
- (20) "Black" female-to-female adapters. Each joins 2 phono plugs. RSU 11537529, Set of 4/9.99



### Gold-plated connectors for Megacable and other large speaker cables

- (21) Flat-pin connectors. 24K gold-plated. For 10 to 12-ga. speaker cable. 278-310, Set of 4/2.99 For 14 to 16-ga. cable. 278-317. . . Set of 4/2.99
- (22) Snap-spade connectors. 24K gold-plated. For 10-12 gauge. cables. 278-311. . . Pkg. of 8/4.99 For 14 to 16-ga. cable. 278-316, Pkg. of 8/4.99
- (23) NEW! Gold-plated banana plug. Fits banana jack on speakers. 278-306. . . Pkg. of 2/5.99
- (24) NEW! Gold-plated dual banana plug. Fits standard dual banana jack. 278-308. . . . . 5.99
- (25) Deluxe pin connectors. 24K gold-plated. For 10 to 20-gauge wire. 278-309. . . . . Pkg. of 4/9.99
- (26) Version of Fig. 25 for 14 to 16-gauge speaker cable. 278-320. . . . . Pkg. of 4/9.99
- (27) NEW! Gold-plated crimp-on ring terminals for 8-gauge Megacable. 278-323. . . . . Pkg. of 4/4.99
- (28) NEW! Gold-plated inline coupler for 8-gauge Megacable. 278-330. . . . . 5.99
- (29) NEW! Gold-plated battery terminal for 8-gauge Megacable. 278-332. . . . . 9.99
- NEW! 4-gauge version of #278-332 battery terminal. 278-333. . . . . 9.99
- (30) NEW! Gold-plated ring terminals for 8-gauge Megacable. 278-334. . . . . 3.99
- NEW! Gold-plated right-angle F adapter. For TV, VCR, cable & antenna hookups. 278-305. . . 2.49

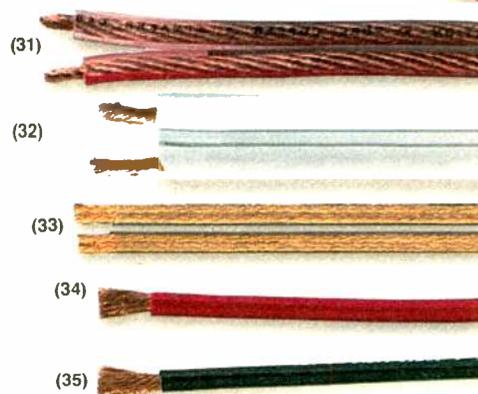
### Gold-plated connectors for speaker cables—the best!

- (1) 90° barrier spade terminals for 12-gauge speaker-EFX cable. #10 stud applications. RSU 11538949. . . . . Set of 4/7.99
- (2) Female disconnects for 12-gauge speaker-EFX cable. For 0.250" stud applications. RSU 11538980. . . . . Set of 4/7.99
- (3) Female disconnects for 16-gauge speaker-EFX cable. For .125" stud applications. RSU 11539020. . . . . Set of 4/7.99
- (4) Female disconnects for 16-gauge speaker-EFX cable. For .250" stud applications. RSU 11539004. . . . . Set of 4/7.99
- (5) 90° barrier spade terminals for 16-gauge speaker-EFX cable. For #10 stud applications. RSU 11538964. . . . . Set of 4/7.99
- (6) Barrier spade terminals for 16-gauge speaker-EFX cable. For #10 stud applications. RSU 11538923. . . . . Set of 4/7.99
- (7) Barrier spade terminals for 12-gauge speaker-EFX cable. For #10 stud applications. RSU 11538907. . . . . Set of 4/7.99
- Gold-plated RCA (phono) 90° plug adapters and plugs**
- 90° right-angle design helps prevent damage to cable or jack due to strain on cable.
- (8) Inline adapters. RSU 11537545, Set of 4/29.99
- (9) Mini inline adapters. Shorter version of Fig. 8. RSU 11537552. . . . . Set of 4/29.99
- (10) RCA plugs. RSU 11537560, Set of 4/29.99
- (11) RCA plugs. Shorter version of Fig. 10. RSU 11537578. . . . . Set of 4/29.99

## Megacable<sup>®</sup> Makes a Difference

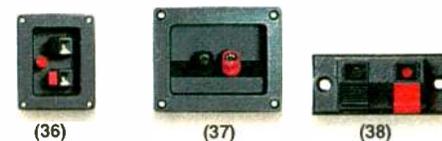
RadioShack's 278-1268/1270 Megacable has over 5% more copper by weight per foot than another leading brand. This higher copper content reduces resistance and power loss, which improves signal transfer. More music "flows" through Megacable. Rope-strand design provides more flexibility than standard braided wire, too.

Pure copper rope strand  
Red stripe for easy polarity ID



### Get Megacable for the best speaker and power hookups

- (31) Megacable speaker wire. Our best! 12-gauge rope-strand copper conductors in a tough plastic insulation. Top performance and great appearance at a value price. 278-1268. . . . Per foot 99¢
- 16-gauge Megacable. Our finest 16-gauge speaker cable. 278-1270. . . . . 50-ft. roll 16.99
- (32) NEW! 16-gauge flat, flexible speaker wire. 278-1274. . . . . 100 feet 34.99
- (33) 14-gauge flat, flexible Megacable. 278-1273. . . . . 50 feet 19.99
- NEW! High-amperage 8-gauge Megacable power cable. Rope-strand copper conductor covered by rugged PVC insulation, rated 105° C.
- (34) Red. 278-1351. . . . . Per foot 99¢
- (35) Black. 278-1352. . . . . Per foot 99¢



### Speaker plates for Megacable

- (36) "Gold" speaker plate for Megacable. Two push-release terminals with gold-plated connectors for maximum power transfer. Requires a 1 1/8 x 3/8" cutout area on speaker cabinet. 274-631. . . . 3.99
- (37) Heavy-duty speaker plate for Megacable. Provides a solid, low-loss connection to speaker wires. Accepts banana jacks. Requires a 2 1/8 x 2 1/8" cutout area on speaker cabinet. 274-630. . . . 3.49
- (38) "Gold" speaker plate for Megacable with phono jack. Two gold-plated terminals for speaker cable plus a phono jack. Requires a 2 1/8 x 1 1/8" cutout area on speaker cabinet. 274-632. . . . . 2.99

## Cords & adapters with gold-plated terminals

# For the Best Hookups, Go for the Gold

All of the adapters, cords, plugs and jacks on this page have 24K gold-plated connectors.

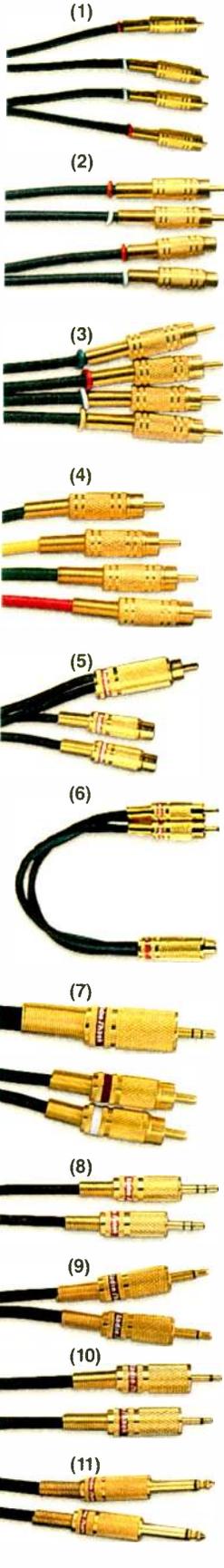
### QUESTION:

Why should I use gold-plated connectors?



### ANSWER:

Gold plated connectors resist corrosion. They give you the best possible hookups and maximum signal transfer—important whether you're listening, recording or performing.



(1) 3-foot premium stereo patch cord. Has two gold-plated phono plugs at each end.

42-2601 ..... 8.99  
6-ft. 42-2605 ..... 10.99  
12-ft. 42-2606 ..... 14.99  
20-ft. 42-2614 ..... 19.99

(2) 3-foot premium patch-cord extension. Great for extending a patch cord. Has two gold-plated phono plugs at one end, two gold-plated inline phono jacks at the other. 42-2602, 9.99

(3) 3-foot premium ribbon. 4-cable assembly with four gold-plated phono plugs at each end. Perfect for connecting a stereo tape deck. 42-2604. .... 16.99

(4) 3-foot premium cable set. Set of four separate color-coded cables. Each has a gold-plated phono plug at each end. 42-2603 ..... 16.99

(5) Premium phono Y-adapter cable. Gold-plated phono plug at one end. Two gold-plated phono jacks at other. 6" long. 42-2608 ..... 12.99

(6) Premium phono Y-adapter cable. Like #42-2608 but has jack at one end, 2 phono plugs at other. 42-2609. .... 12.99

(7) 3-ft. premium Y-adapter cable. Gold-plated 1/8" stereo phone plug at one end. Two phono plugs at the other. Use to connect a portable CD or tape player to an amplifier that has phono jack inputs. 42-2613 ..... 14.99

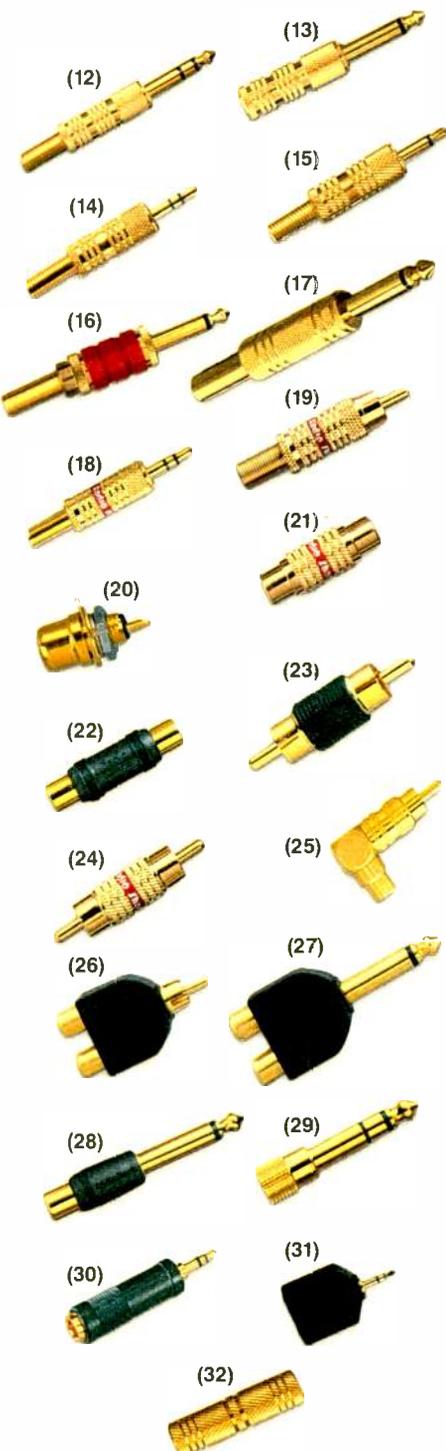
(8) 6-ft. premium mini-plug cable. Gold-plated 1/8" stereo plug on each end. 42-2607 ..... 9.99

(9) 6-ft. premium mini-plug cable. Gold-plated mono 1/8" plug at each end. 42-2612 ..... 9.99

(10) 6-ft. premium submini-plug cable. Gold-plated mono 1/8" plug each end. 42-2611, 9.99

(11) 50-ft. premium cable for PA or musical instrument speakers. Gold-plated 1/4" phone plug at each end. 42-2470, 29.99

18 1/2-ft. premium guitar cable. (Not shown.) Deluxe high-flex shielded cable with a gold-plated 1/4" mono phone plug at each end. 42-2610 ..... 19.99



## Solderless plugs—wires screw into place for fast, easy hookup

(12) Gold-plated solderless 3-conductor (stereo) 1/4" phone plug. 274-866 ..... 3.99

(13) Gold-plated solderless 2-conductor (monaural) 1/4" phone plug. 274-867 ..... 3.79

(14) Gold-plated solderless 3-conductor (stereo) 1/8" phone plug. 274-869 ..... 3.49

(15) Gold-plated solderless 2-conductor (monaural) 1/8" phone plug. 274-868 ..... 2.99

## Gold-plated plugs and panel jack

(16) Gold-plated 2-conductor (monaural) 1/4" (6.35mm) phone plug. 274-865 ..... 3.79

(17) Gold-plated 2-conductor (monaural) 1/4" (6.35mm) phone plug. With coil strain relief. 274-855 ..... 3.59

(18) Gold-plated 3-conductor (stereo) 1/8" (3.5mm) phone plug. 274-858 ..... 3.99

(19) Gold-plated phono plug. Heavy duty. Coil strain relief helps prevent damage. 274-850, 2.59

(20) Gold-plated panel-mount phono jacks. Mount in 1/4"-dia. holes. 274-852 ..... Pkg. 2/2.59

## Gold-plated adapters

(21) All-metal gold-plated phono plug coupler. Joins two phono plugs. 274-864 ..... 2.99

(22) Gold-plated phono plug coupler. Joins two phono plugs. 274-874 ..... Pkg. of 2/2.99

(23) Gold-plated phono jack coupler. Joins two phono jacks. 274-873 ..... 2.19

(24) All-metal version of #274-873. Joins two phono jacks. 274-863 ..... 3.59

(25) **New** Gold-plated inline right-angle phono plug adapter. 90° design helps prevent damage to cable, jack or plug. 274-872 ..... 5.99

(26) Gold-plated dual phono female to single phono male. Lets you connect two phono plugs to a single phono jack. 274-881 ..... 3.19

(27) Gold-plated dual phono adapter. Lets you connect two phono plugs to a single 1/4" phone jack. 274-880 ..... 3.99

(28) **New** Gold-plated phono plug adapter. Accepts phono plug. Plugs into 1/4" mono phone jack. 274-884 ..... 2.49

(29) Gold-plated headphone adapter. Adapts 1/8" stereo mini plug to fit 1/4" stereo headphone jack. 274-876 ..... 2.99

(30) Gold-plated headphone plug adapter. Accepts 1/4" stereo plug and plugs into 1/8" stereo jack. 274-875 ..... 2.99

(31) Gold-plated dual headphone adapter. Connects two 1/8" stereo headphone plugs to one 1/8" stereo headphone jack. 274-879 ..... 4.59

(32) **New** Gold-plated 1/8" plug coupler. Joins two stereo 1/8" phone plugs. 274-886 ..... 3.49



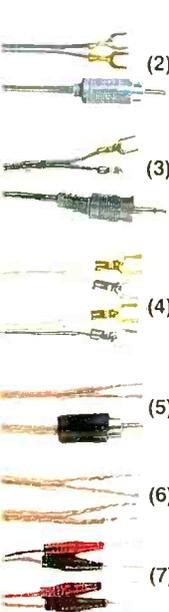


**Super selection of speaker cables**

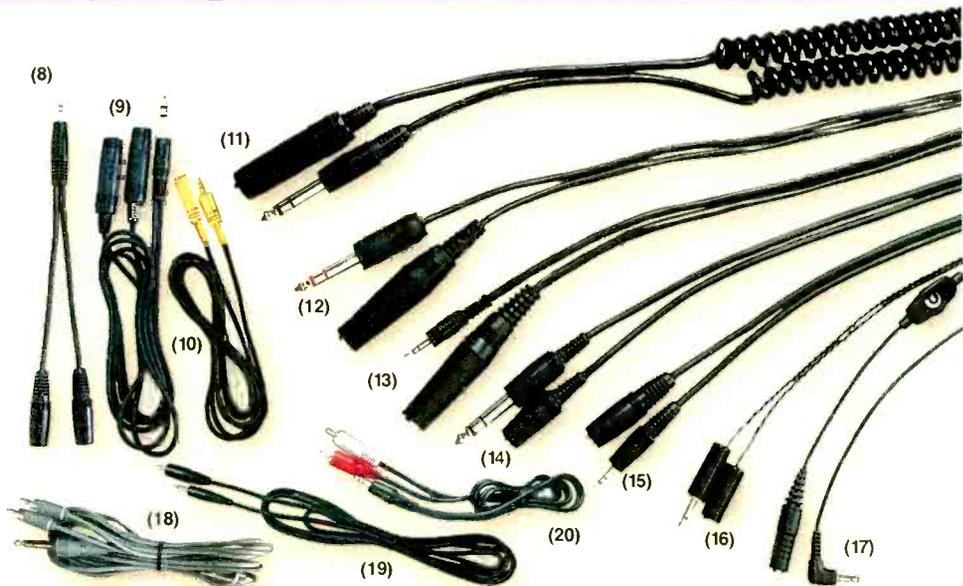
Don't let a poor hookup spoil your music. These quality RadioShack cables are individually pretested to assure perfect connections.

**(1) With Phono RCA-type Plugs**

Feet	Cat. No.	Color	Gauge	Each
50	42-2480	Brown	18	8.99
24	42-2478	Brown	18	5.19
12	42-2479	Brown	18	4.19
24	42-2392	Gray	24	3.99
24	42-2430	White	24	3.99
12	42-2445	Gray	24	2.99
12	42-2431	White	24	2.99



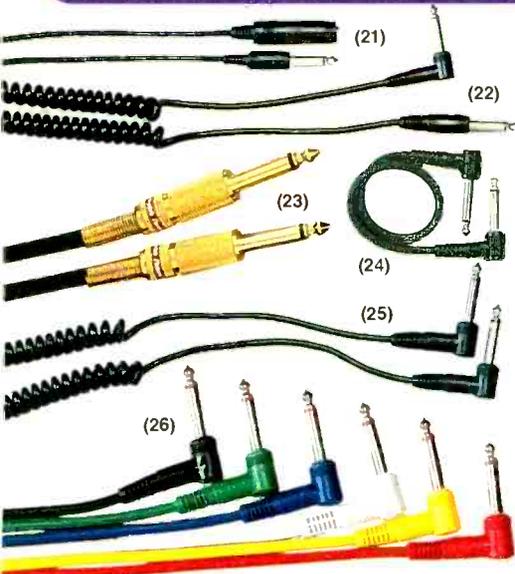
- (2) Phono (RCA) plug to lug. Has plug at one end, color-coded lugs at other. 24-gauge conductors.  
24 feet. 42-2450 ..... 2.99  
12 feet. 42-2449 ..... 2.49
- (3) 1/8" mini phone plug to lug. 12 feet long with 24-gauge conductors.  
42-2454 ..... 2.49
- (4) Lug to lug. Color-coded lugs each end, ideal for screw terminals. 24-gauge conductors.  
24 feet. 42-2446 ..... 2.49  
12 feet. 42-2447 ..... 1.99
- (5) Phono plug to tinned wire. 24 feet, with 18-gauge conductors.  
42-2457 ..... 4.99
- (6) Tinned wire at each end. 24 feet, 18-gauge conductors.  
42-2456 ..... 4.49
- (7) Pin connectors at each end. 24 feet, 18-gauge conductors.  
42-2455 ..... 4.99



- (8) 1/8" stereo headphone Y-adapter. Has 1/8" stereo plug, two 1/8" stereo jacks.  
42-2463 ..... 4.99
- (9) 1/4" stereo headphone Y-adapter. Share the music! Connects two sets of full-size headphones to one stereo jack. Has 1/4" stereo plug, two 1/4" stereo jacks.  
42-2448 ..... 5.99
- (10) 6-foot gold headphone extension. Cord has 1/8" stereo plug on one end, 1/8" stereo jack on the other end.  
42-2482 ..... 11.99
- (11) 24-foot 1/4" stereo coiled headphone extension cord. Extends the cord of full-size 'phones—great for on-stage monitoring and studio recording. Nontangling. Has 1/4" stereo plug at one end, 1/4" stereo jack at the other end.  
42-2443 ..... 7.99
- (12) 20-foot 1/4" stereo headphone extension cord. Noncoiled cord has 1/4" stereo plug at one end and 1/4" stereo jack at the other end.  
42-2442 ..... 6.29
- (13) 20-foot 1/4"-to-1/8" stereo headphone extension cord. Cord has 1/8" stereo plug at one end and 1/4" stereo jack at the other end.  
42-2464 ..... 5.99

- (14) 20-foot 1/8"-to-1/4" stereo headphone extension cord. Has 1/4" stereo plug at one end and 1/8" stereo jack at the other end.  
42-2460 ..... 5.99
- (15) 20-foot 1/8" stereo headphone extension cord. Cord has 1/8" stereo plug at one end and 1/8" stereo jack at the other end.  
42-2462 ..... 6.49
- (16) 20-foot 1/8" monaural earphone extension cord. Cord has 1/8" monaural plug at one end and 1/8" monaural jack at the other end.  
33-176 ..... 2.99
- (17) Add-on volume control for lightweight stereo headphones. One-foot cord has inline attenuating volume control, 1/8" 90° stereo plug at one end and 1/8" stereo jack at the other end.  
42-2459 ..... 4.99
- (18) Y-adapter. 6-foot stereo cord with 1/4" stereo plug at one end, two phono plugs at the other. Ideal for recording from a headphone jack.  
42-2474 ..... 5.99
- (19) Dubbing cord. Has 1/8" mono phone plug at one end and a phono plug at the other end. Shielded.  
42-2461, 3.99
- (20) Y-adapter cord. 1/8" stereo phone plug at one end, two phono plugs at other. Great for playing portable CD on home stereo.  
3-foot. 42-2475 ..... 4.49  
6-foot version of above. 42-2481 ..... 4.99

**Instrument/mic cords with 1/4" plug**



**Shielded mic cable extensions**

- (21) With 1/4" plug at one end and a 1/4" jack at the other.  
25-ft. 42-2379 ..... 6.99  
12-ft. 42-2378 ..... 4.99

**Shielded guitar/instrument cords**

- (22) 15-ft. coiled. 1/4" plug at one end, 1/4" 90° plug on the other end.  
42-2473 ..... 6.99
- (23) 18 1/2-ft. guitar cable. Professional quality, gold plated. 1/4" phone plug at each end.  
42-2610 ..... 19.99
- (24) Effects patch. 1/4" right-angle plug on each end.  
1-foot. 42-2465 ..... 2.49  
3-foot. 42-2487 ..... 3.49
- (25) 12-ft. coiled. 90° 1/4" plugs.  
42-978 ..... 4.99
- (26) 6-pack color-coded cable. 1-foot, 1/4" plug to 1/4" plug. For special-effects pedals, amps and other applications.  
42-2486 ..... 12.99

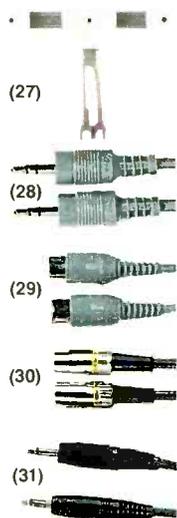
**Special-applications cables**

**Dipole FM antenna**

- (27) Connects to any FM receiver or radio that has screw terminals for an external antenna. 58" element.  
42-2385 ..... 2.99

**Shielded cables**

- (28) With 1/8" stereo phone plug at each end. 6-ft. long.  
42-2387 ..... 3.99
- (29) With 5-pin DIN plug at each end. For connecting European audio equipment. 6-ft. long.  
42-2151 ..... 4.99
- (30) MIDI cable. 12 ft. cord connects musical instruments with MIDI interface. 5-pin gold-plated DIN plugs. RSU10443893. .... 34.99
- (31) Dubbing cord. Has a 1/8" plug at each end. Connects earphone jack to mic jack on a recorder. 6 1/2 feet long.  
42-2152 ..... 3.49



Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4

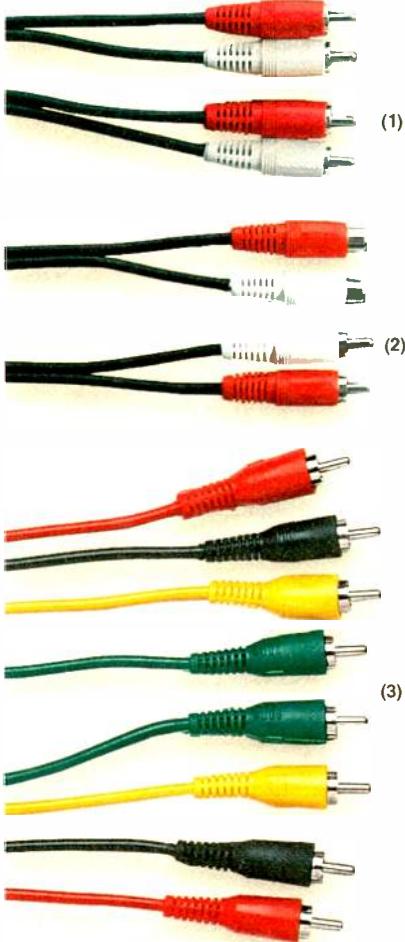
**1-800-THE-SHACK**

Can't make it to our store? Order by phone for fast home shipment

## We'll Help You Hook It Up Right

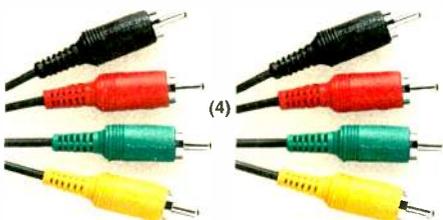
### RCA-type shielded patch cables

We have standard audio patch cables (the kind you find on the back of your home stereo) in a variety of lengths. All have phono RCA-type connectors and are fully shielded to maintain signal clarity and prevent pickup of hum and electrical interference. Use them to connect audio components such as stereo receivers, CD players, tape decks, turntables, equalizers, amplifiers and mixers. They're checked for quality so you will get an uninterrupted connection every time.



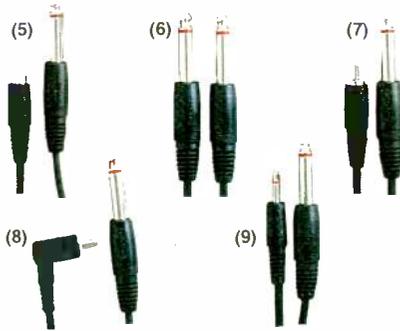
### RCA-type shielded patch cables

Fig.	Description	Feet	Cat. No.	Each
1	2 phono plugs at each end	12	42-2356	6.99
1	2 phono plugs at each end	6	42-2352	4.99
1	2 phono plugs at each end	3	42-2351	3.99
2	2 phono plugs to 2 phono jacks	3	42-2353	3.99
3	1 phono plug at each end, set of 4	3	42-2309	5.99



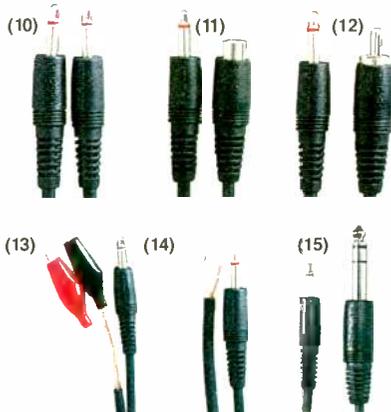
### Patch-cable ribbon

Fig.	Description	Feet	Cat. No.	Each
4	Ribbon, 4 phono plugs at each end	6	42-2355	8.99
4	Ribbon, 4 phono plugs at each end	3	42-2354	6.99



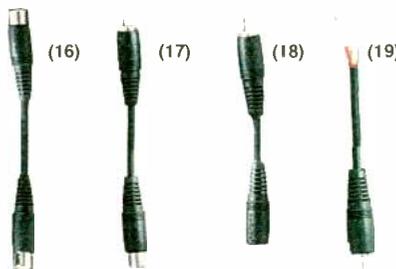
### Shielded cables with 1/8" phone plug

Fig.	Description	Feet	Cat. No.	Each
5	1/8" plug to phono jack	6	42-2377	3.19
6	1/8" plug to 1/8" plug	6	42-2381	3.49
7	1/8" plug to phono plug	6	42-2373	3.49
8	1/8" plug to 90° phono plug	6	42-2440	3.49
9	1/8" plug to 1/8" mini plug	6	42-2433	2.99



### Shielded cables with 1/8" phone plug

Fig.	Description	Feet	Cat. No.	Each
10	1/8" plug to 1/8" plug	6	42-2420	2.69
11	1/8" plug to 1/8" jack	6	42-2472	3.19
12	1/8" plug to phono plug	6	42-2444	2.49
13	1/8" plug to alligator clips	6	42-2421	2.69
14	1/8" plug to stripped ends	6	42-2434	2.49
15	1/8" plug to stereo 1/8" plug	6	42-2157	3.99



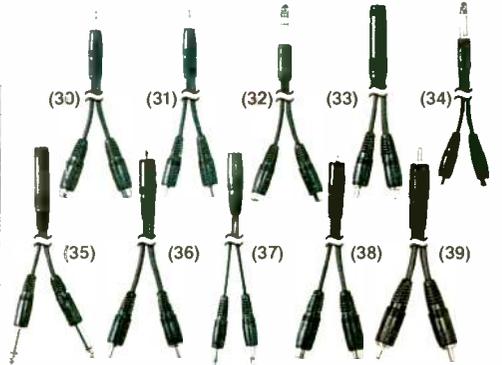
### Shielded cables with phono connectors

Fig.	Description	Feet	Cat. No.	Each
16	Phono jack to phono jack	6	42-2358	2.79
17	Phono plug to phono jack	3	42-2361	2.39
17	Phono plug to phono jack	6	42-2362	2.69
17	Phono plug to phono jack	12	42-2363	3.59
18	Phono plug to phono plug	1 1/2	42-2365	1.79
18	Phono plug to phono plug	3	42-2366	1.99
18	Phono plug to phono plug	6	42-2367	2.49
18	Phono plug to phono plug	12	42-2368	3.49
19	Phono plug to tinned wire	3	42-2370	1.79
19	Phono plug to tinned wire	6	42-2371	2.19
19	Phono plug to tinned wire	12	42-2372	2.99



### Premium gold-plated patch cords & Y-adapters

Fig.	Description	Feet	Cat. No.	Each
20	Color-coded, phono plugs, set of 4	3	42-2603	16.99
21	2 phono plugs to 2 phono jacks	3	42-2602	9.99
22	2 phono plugs at each end	3	42-2601	8.99
22	2 phono plugs at each end	6	42-2605	10.99
22	2 phono plugs at each end	12	42-2606	14.99
23	2 phono plugs at each end	20	42-2614	19.99
24	4 phono plugs at each end	3	42-2604	16.99
25	1/8" stereo plugs at each end	6	42-2607	9.99
26	1/8" plugs at each end	6	42-2611	9.99
27	1/8" plugs at each end	6	42-2612	9.99
28	Y-1/8" stereo to 2 phono plugs	3	42-2613	14.99
29	Y-phono plug to 2 phono jacks	—	42-2608	12.99
—	Y-phono jack to 2 phono plugs	—	42-2609	12.99



### Use the equipment you already have—with versatile Y adapters

Listen to audio from a television's 1/8" earphone jack through your home stereo, play a home cassette deck through your guitar amplifier, or add an extra monitor to a PA system. For almost any "Y" connection you can think of, we have a plug/jack combination to help you do it.

### Shielded Y adapters

Fig.	Description	Cat. No.	Each
30	Two phono jacks to mono 1/8" plug	42-2154	2.49
31	Two phono plugs to mono 1/8" plug	42-2153	2.49
32	Two phono jacks to stereo 1/8" plug	42-2477	2.99
33	Two phono plugs to stereo 1/8" jack	42-2471	3.99
34	Two phono jacks to mono 1/8" plug	42-2150	2.49
35	Two 1/8" plugs to 1/8" mono jack	42-2156	3.49
36	Two phono plugs to phono jack	42-2435	2.99
37	Two 1/8" plugs to 1/8" mono jack	42-2158	2.99
38	Phono plug to 2 phono jacks	42-2436	2.79
39	Two phono plugs to phono plug	42-2438	2.49



**Bookscassette® adapter.** Listen to books on tape recorded in 4-track mono through both sides of your stereo headset or earbuds. 274-396 ..... 3.69



**Accepts phono (RCA) plug. Plugs into 1/8" stereo phone jack.** Useful for recording in mono from a stereo headphone jack. 274-378 ..... 2.49



**Accepts two 1/8" mono plugs. Plugs into 1/8" stereo phone jack.** Use to separate left and right-channel signals. 274-375 ..... 3.59



**Accepts two 1/8" stereo plugs. Plugs into 1/8" stereo phone jack.** Connects two stereo headsets to one stereo headphone jack. 274-313 ..... 3.99  
Gold version. 274-879 ..... 4.59



**Accepts 1/4" stereo plug. Plugs into 1/8" stereo jack.** Use full-size headphones with equipment having a 1/8" stereo headphone jack. 274-366 ..... 1.99  
Gold version. 274-875 ..... 2.99



**Accepts 1/8" mono plug. Plugs into 1/8" stereo jack.** Useful for providing a monaural output from a stereo headphone jack. 274-374 ..... 1.99



**Accepts two phono (RCA) plugs. Plugs into 1/8" stereo jack.** Can be used to separate left and right-channel signals. 274-369 ..... 3.69



**Accepts 1/8" stereo or mono plug. Plugs into a 1/8" stereo or mono jack.** Right-angle adapter helps prevent damage to headphone plug or jack. 274-372 ..... 2.99



**Accepts phono plug. Plugs into 1/8" stereo jack.** Use to combine left and right-channel signals from a stereo headphone jack. 274-365 ..... 1.99



**Accepts two 1/4" stereo plugs. Plugs into 1/4" stereo jack.** Share the music. Connect two headphones to one headphone jack. 274-302 ..... 3.59



**Accepts 1/4" mono plug. Plugs into 1/4" stereo jack.** Use to combine left and right-channel signals from a stereo headphone jack. 274-1520 ..... 1.99



**Accepts 1/8" stereo plug. Plugs into 1/4" stereo jack.** Use lightweight stereo headset with a stereo having a 1/4" headphone jack. 274-367 ..... 1.99  
Gold version. 274-876 ..... 2.99



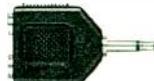
**Accepts 1/8" mono plug. Plugs into 1/4" stereo headphone jack.** Combines left and right-channel signals. Useful in custom hookups. 274-363 ..... 1.99



**Accepts two phono plugs. Plugs into 1/4" stereo headphone jack.** Separates left and right signals from a stereo headphone jack. 274-308 ..... 3.69



**Accepts 1/8" stereo plug. Plugs into 1/4" stereo jack.** Connect lightweight headset to a stereo with a 1/4" headphone jack. 274-371 ..... 3.99



**Accepts two 1/8" mono plugs. Plugs into 1/8" mono jack.** For custom hookups such as connecting two microphones to one mic jack. 274-310 ..... 2.49



**Accepts 1/4" stereo plug. Plugs into 1/8" mono jack.** Connect stereo headset to scanner, CB or recorder with 1/8" mono 'phone jack. 274-361 ..... 1.99



**Accepts 1/8" mono plug. Plugs into 1/8" mono jack.** For custom hookups such as connecting a mic with 1/4" plug to a 1/8" mic jack. 274-047 ..... 1.99



**Accepts phono (RCA) plug. Plugs into 1/8" mono jack.** For custom hookups such as connecting to a recorder's microphone or aux input. 274-330 ..... 1.89



**Accepts 1/2" (submini) mono plug. Plugs into 1/8" mono jack.** Connect an earphone with 1/2" plug to 1/8" mono headphone jack. 274-328 ..... 1.99



**Accepts 1/8" stereo plug. Plugs into 1/8" monaural jack.** Use stereo headset with mono device such as scanner, CB, shortwave or recorder. 274-368 ..... 1.99



**Accepts phono (RCA) plug. Plugs into 1/8" mono jack.** For custom hookups such as connecting to a portable recorder's aux input. 274-395 ..... 2.19



**Accepts two 1/4" mono plugs. Plugs into 1/4" mono jack.** For custom hookups such as connecting two microphones to one microphone jack. 274-309 ..... 2.99



**Accepts phono (RCA) plug. Plugs into 1/4" mono jack.** For custom hookups such as connecting to a recorder's mic jack. 274-320 ..... Pkg. of 2/3.49  
**New** Gold version. 274-884 ..... Each 2.49



**Accepts 1/8" stereo plug. Plugs into 1/4" mono jack.** Use lightweight headset with shortwave or other radio having a 1/4" 'phone jack. 274-348 ..... 2.49



**Accepts 1/4" stereo plug. Plugs into 1/4" mono jack.** Use stereo headset with shortwave or other radio having 1/4" mono 'phone jack. 274-360 ..... 1.99



**Accepts 1/8" mono plug. Plugs into 1/4" mono jack.** For custom hookups such as connecting a mic with 1/8" plug to a 1/4" mic jack. 274-325 ..... 1.99



**Accepts two phono (RCA) plugs. Plugs into 1/4" mono jack.** For custom hookups such as connecting a stereo cord to a mono mic jack. 274-304 ..... 2.99  
Gold version. 274-880 ..... 3.99



**1/2" (submini-size) phone plug adapters.** Connect lightweight stereo headphones to 3/32" earphone jacks.

Accepts	Plugs into	Cat. No.	Each
1/8" stereo plug	3/32" stereo jack	274-373	2.99
1/8" stereo plug	3/32" mono jack	274-381	2.29
1/8" mono plug	3/32" mono jack	274-327	1.99



(1) **Recording-level attenuator.** Plugs into 1/8" mono jack. Built-in 40dB attenuator lets you dub from a line-level jack to a recorder without a line-level input. 274-300, 3.49  
(2) **3-piece mono adapter set.** Adapts a phono plug, a 1/4" phone plug or a 3/32" phone plug to fit a 1/8" monaural jack. 274-359 ..... Set 3.49

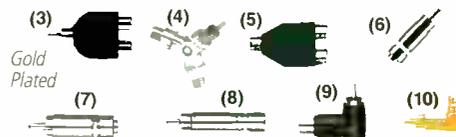


Fig.	Accepts	Plugs Into	Cat. No.	Price
3	Two phono plugs	Phono jack	274-881	3.19
4	Two phono plugs	Phono jack	274-303	2.49
5	Three phono plugs	—	274-511	2.49
6	1/8" mono plug	Phono jack	274-326	1.99
7	1/8" stereo plug	Phono jack	274-387	2.29
8	1/4" mono plug	Phono jack	274-389	2/3.59

(9) 90° phono plug to phono jack. 274-306 ... 2.69  
(10) **New** Gold-plated version of Fig. 9. Accepts phono plug, plugs into phono jack. 274-872 ..... 5.99



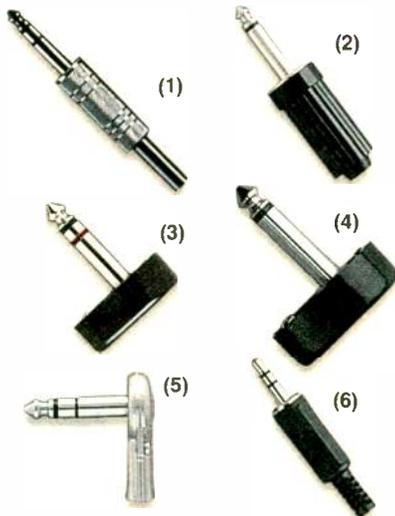
**Plug-to-plug couplers**

Connect two cables with the same type plugs on their ends.

Fig.	Coupler Description	Cat. No.	Price
11	Connects dual 1/4" plugs	274-1556	2.99
	Connects two 1/8" stereo plugs	274-1555	2.49
NEW	Gold-plated 1/8" coupler	274-886	3.49
12	Connects two phono plugs	274-1553	2/2.49
	Connects four phono plugs	274-1548	3.99
13	Gold, conn. two phono plugs	274-874	2/2.99
14	Gold phono jack adapter	274-864	2.99



(15) **Gold-plated phono jack coupler.** Connects two phono jacks. 274-873 ..... 2.19  
(16) **Premium gold-plated phono jack coupler.** 274-863 ..... 3.59



### Standard phone plugs

Sizes to fit home components and/or portables. Easily replace a faulty headphone plug to save money. 1/4" (full-size), 1/8" (mini), and 1/32" (submini) phone plugs. Items shown: #274-1546, #274-1539, #274-267, #274-266, #274-265, #274-284

Fig.	Phone Plug Description	Cat. No.	Pkg. of	Price
1	3-cond. 1/4", shielded, grip barrel	274-1546	1	3.19
	3-cond. 1/4", 1/8"-dia. barrel	274-139	2	2.99
	3-cond. 1/4", shielded	274-285	1	2.79
	2-cond. 1/4"	274-1536	2	2.49
2	2-cond. 1/4", "big barrel"	274-1539	2	2.79
	2-cond. 1/4", shielded	274-1544	2	3.99
	2-cond. 1/4", shielded, spring	274-1545	1	2.49
3	3-cond. 1/4", 90° type, solderless	274-267	1	2.49
4	NEW 2-cond. 1/4", 90°, solderless	274-266	1	1.99
5	3-cond. 1/4", 90° type, shielded	274-265	1	2.49
	2-cond. 1/4", 90° type, shielded	274-254	2	2.99
	3-cond. 1/8", shielded	274-1547	1	2.29
6	3-cond. 1/8", mini-size	274-284	2	2.49
	2-cond. 1/8", black	274-286	2	1.99
	2-cond. 1/8", red	274-287	2	1.99
	2-cond. 1/8", shielded	274-288	2	2.99
	2-cond. 1/32", black	274-289	2	1.99
	2-cond. 1/32", red	274-290	2	1.99



**Four-piece 1/8" plug and jack set.** Includes two 1/8" 2-conductor (mono) plugs and two matching inline 1/8" jacks. 274-283 ..... **Set 3.59**



### Panel-mount phone jacks

Accept phone plugs. Three-conductor types are for stereo use. Closed-circuit types are often used as a headphone jack on equipment that only came with a built-in speaker.

#### Open frame, open-circuit

Size	Cond.	Cat. No.	Price
1/4"	2	274-252	2/1.99
1/4"	3	274-312	2/2.79
1/8"	2	274-251	3/2.49

#### Enclosed, open-circuit

Size	Cond.	Cat. No.	Price
1/4"	2	274-280	1.39
1/8"	3	274-249	2/1.99

#### Open frame, closed-circuit

Size	Cond.	Cat. No.	Price
1/4"	2	274-255	2/2.49
1/8"	2	274-248	2/1.99
3/32"	2	274-292	2/1.99

#### Enclosed, closed-circuit

Size	Cond.	Cat. No.	Price
1/8"	3	274-246	1.49
3/32"	2	274-247	2/1.99

### Premium gold-plated phone plugs

Upgrade to corrosion-resistant gold-plated plugs for superior signal transfer, high dependability and better-quality sound. Choose solder-type plugs for optimum signal transfer or solderless plugs for easy cable attachment.



(7) Gold-plated 1/4" solderless stereo phone plug. 274-866 ..... **3.99**

(8) Gold-plated 1/4" sure-grip phone plug. 274-865 ..... **3.79**

(9) Mono 1/4" solderless gold-plated phone plug. 274-867 ..... **3.79**

(10) Two-conductor (monaural) 1/4" (6.35mm) phone plug. Coil strain relief holds cable in place to help prevent damage. 274-855 ..... **3.59**

(11) Mono 2-conductor 1/8" solderless gold-plated mini phone plug. 274-868 ..... **2.99**

(12) Stereo 3-conductor 1/8" solderless gold-plated mini phone plug. 274-869 ..... **3.49**

(13) Three-conductor (stereo) 1/8" (3.5mm) phone plug. Coil strain relief. 274-858 ..... **3.99**

(13) Phono (RCA) plug. Heavy duty. Coil strain relief. 274-850 ..... **2.59**

(14) **New** Gold-plated banana plugs. Accepts heavy-duty 12 gauge speaker cable. Screw-type, two-piece construction. Easy-grip sleeves. 278-306 ..... **Pkg. 2/5.99**

(15) **New** Gold-plated dual banana plug. Standard 1/8" spacing. For 12-10 ga. wire, Megacable®. Great fit for speakers with dual banana jacks. 278-308 ... **5.99**

### Gold-plated panel-mount phono (RCA) jacks

(16) Mount in 1/4"-diameter holes. 274-852 ..... **Pkg. of 2/2.59**

### Phono (RCA) jacks

(17) Panel/chassis-mount jacks. Shielded. Ready for custom mounting on board. 274-346 ..... **Pkg. of 4/2.59**

(18) Shielded inline phono jacks. 274-338 ... **Pkg. 2/1.99**

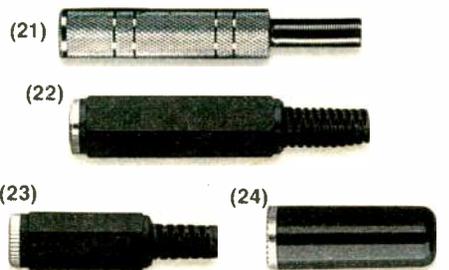
Plastic inline phono jacks. Strain reliefs help end wire breaks. 274-337 ..... **Pkg. 4/2.59**

(19) Board with 8 standard-type phono jacks. Readily accepts solder for solid electrical connections. 274-370 ..... **2.19**

(20) Board with 4 standard-type phono jacks. Readily accepts solder. 274-322 ..... **1.69**

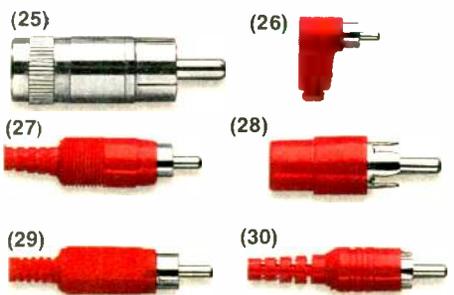
# We Have Hard-to-Find Connectors

Whether you want to use new components and accessories with older equipment, need to finish your own electronic creation, or have a unique layout that requires special connections, we can help. Our stores carry an extensive collection of standard and specialty connectors to help you get the most from your electronics. Look to RadioShack for replacement and upgrade plugs, jacks and cords for audio.



**Inline phone jacks.** Use to make extension cords for headphones, microphones, guitars, amplified musical instruments and more.

Fig.	Inline Jack Description	Cat. No.	Pkg. of	Price
21	3-conductor (stereo) 1/4"	274-142	1	2.99
22	2-conductor (mono) 1/4"	274-340	2	2.59
	3-conductor (stereo) 1/4"	274-141	2	2.99
23	3-conductor (stereo) 1/8"	274-274	2	2.49
24	2-conductor (mono) 1/8"	274-333	2	1.99



**Phono (RCA-type) plugs.** For replacement use or building your own stereo patch cords, speaker cables and custom hookup cables.

Fig.	Phono Plug Description	Cat. No.	Pkg. of	Price
25	Shielded, solder-type	274-339	2	2.29
26	Solderless 90°, 2 red, 2 black	274-383	4	2.39
27	Solderless, 2 red, 2 black	274-384	4	2.19
28	Color-coded, solder-type	274-321	8	2.99
29	With plastic grip-style covers	274-319	4	1.99
30	Strain relief, 3 red, 3 black	274-451	6	2.49

XLR audio connectors

- 
- 3-pin XLR inline jack.** For custom "pro" audio hookups and building extension cords for balanced-type microphones. 274-011 ..... 4.19
- (1) **New** Female-to-female 3-pin XLR adapter. Perfect for "pro" audio hookups or extending the reach of your microphone. Joins 2 male plugs. 274-0014. .... 5.99
- (2) **New** Male-to-male 3-pin XLR adapter. Connects two female XLR jacks. 274-0015 ..... 5.99
- (3) **3-pin XLR plug.** For "pro" public address and audio hookups. 274-010 ..... 3.99
- (4) **3-pin XLR panel-mount jack.** 274-013 ..... 4.49

DIN-type connectors

- 
- DIN-type connectors.** For computer hookups, European-model tape decks, audio components and more. Figs. 8 and 9 are newer mini DIN type.

Fig	Type	Pins	Cat. No.	Each
5	DIN plug	5	274-003	1.99
5	DIN plug	6	274-020	1.99
5	DIN plug	8	274-026	1.99
6	Chassis jack, accepts:	5 or 3	274-005	1.69
7	Inline jack, accepts:	5 or 3	274-006	1.99
8	Mini DIN plug	6	276-1474	1.49
9	Mini DIN inline jack	6	276-1475	1.69

CB & Ham mic plugs

- 
- (10) **8-pin Ham microphone plug.** Fits microphone input jack of many Amateur Radio transceivers. 274-025 ..... 2.49
- (11) **4-pin panel jack.** Used as microphone input jack on some CB radios and other transceivers. 274-002 ..... 1.79
- (12) **4-pin mic plug.** Fits fig. 11, above. 274-001 ..... 1.99

"Car radio" plugs

- 
- Solderless Motorola-type plug.** (Shown.) Fits antenna jack of many car radios and some scanners. 274-709 ..... 1.59
- Solderless Motorola-type inline jack.** 274-710 ..... 1.59
- Solder-type Motorola plugs.** 274-711 ..... Pkg of 2/1.29

Mic adapters & cable

- 
- (13) **1/4" jack-to-A3M XLR plug adapter/transformer.** Connects a high-impedance microphone to balanced (3-wire shielded) cable/sound system for high-quality sound. 274-017 ..... 11.99
- (14) **A3F XLR jack-to-1/4" plug adapter/transformer.** Balanced mic/line to high-impedance input used in professional sound systems. 274-016 ..... 11.99
- (15) **15-foot microphone cable.** Flexible, durable 3-wire shielded cable with XLR plug at one end, XLR jack at the other. 33-4002 ..... 19.99
- 25-foot cable.** RSU 10436541 ..... 24.99
- 50-foot cable.** RSU 10436558 ..... 29.99

**New** 16-ft. microphone cable

Ideal replacement or use as extension cord. Magnetic shielding helps reduce noise and hum. Gold-plated 1/4" phone plug for reliable connection. Locking XLR connector. 33-4012 ..... 19.99

- 
- 50-ft. "gold" PA speaker cable**
- Corrosion-resistant gold plating assures you a secure hookup and superior signal transfer, resulting in high dependability and the best possible sound. 1/4" phone plug on each end. For PA systems or instruments. 42-2470, 29.99

Speaker terminals

- 
- Two screw terminals with phono jack.** Ideal for replacing jacks on speakers. 274-620 ..... Pkg. of 2/1.59
- Speaker terminal plates.** For secure hookups. Great for custom speakers or upgrading older speakers. Shown: speaker plates with gold-plated terminals and phono (RCA) jack, #274-631, #274-632.

Description	Cat No	Each
Gold-plated 2-position terminals	274-632	2.99
Gold-plated terminals and phono jack	274-631	3.99
Speaker terminal for Megacable*	274-630	3.49
With keyhole slot for wall-mounting	274-627	2.49
Terminal plate with phono jack	274-625	2.29
2-position pushbutton terminal	274-315	1.49
8-position pushbutton terminal	274-623	3.49
4-position pushbutton terminal	274-622	1.59
2-position pushbutton terminal	274-621	1.39

\* Accepts banana jacks.

Get the Best Connections

Whether you're connecting a home stereo or installing a professional-level PA system, we've got the pieces you need to "bring it all together" for great sound. RadioShack offers jacks, plugs and terminals for hooking up headphones, microphones, amplified musical instruments, stereo speakers, car radios, tape decks, computers and more.

QUESTION:

What's the difference between audio plugs?

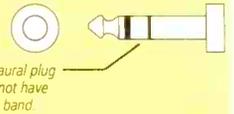


ANSWER:

Phone plugs are most commonly used on headphone and microphone cords. They come in 1/4" (6.35mm), 1/8" (3.5mm) and 3/32" (2.5mm) sizes. We stock stereo (3-conductor) and mono (2-conductor) types and the matching sockets, called jacks.

1/4" Phone Plug

3-conductor (stereo) plug is shown.



1/8" Phone Plug

Also called mini plug. A 2-conductor (mono) plug is shown.



3/32" Phone Plug

Also called submini plug. A 2-conductor (mono) plug is shown.



Phono (RCA) plugs are used primarily for "line-level" audio or video hookups or for speakers.

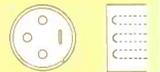
For example, a shielded cable with phono plugs is used to connect a CD player to a stereo receiver.



XLR connectors are used in custom "pro" audio hookups to connect microphones to PA amps, mixers or extension cords. These hookups are balanced, which helps cut noise and hum pickup.

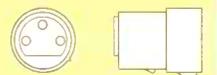
XLR Plug

Used in "pro" microphones, PA and audio components.



XLR Jack

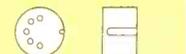
Used in "pro" microphones, PA and audio components.



DIN-type connectors are most often used for computer hookups, but can also be used with European-made audio equipment.

DIN Plug

Used in computer systems, European tape decks, recorders and audio components.



# Accessories for LP Collections

Whether you listen to albums or 45s, you'll want to keep all your recordings and equipment performing at their best. Your nearby RadioShack has everything in storage accessories and cleaning supplies.



## Magnetic phono cartridges

- (1) R25XT. 20-20,000Hz response. 2.5-3.5 gram tracking. 42-2777 ..... 19.99
- (2) RXP3. P-mount design. 1.25 gram tracking. 42-2790 ..... 29.99
- (3) Realistic/Stanton RS500 DJ cartridge. Designed for broadcast and DJ use. 42-2794 ..... 34.99

## Replacement styli

- (4) R500 DJ stylus. 42-2793 ..... 24.99
- (5) R3X diamond replacement stylus. For R25, M71, M75ECS series. 42-2780 ..... 15.99
- (6) R5X diamond replacement stylus. Replaces R47, M70 and M75 series. 42-2781 ..... 18.99
- (7) R53P diamond replacement stylus. Replaces RXP3, M92E, M104E series. 42-2791 ..... 21.99
- (8) RS-166 diamond replacement stylus. For BSR cart. or stylus no. SC7H, SC8M, ST-16, ST-17, ST-21. 42-2892 ..... 4.99
- (9) RS-98 diamond replacement stylus. Tetrad cart./stylus 51-54D, 61-64D, A1-A3, B-1, B-4, T5HD, 20HD. 42-2802 ..... 4.99
- (10) RS-127 diamond replacement stylus. For Tetrad cart./stylus 40-44D, 20-24D, C-01/2/3, T3, 30MD. 42-2841 ..... 4.99

## Ceramic phono styli

- (11) CEC-CHUO Denshi ceramic stylus. For CZ699/CZ800 series. RSU 10071959 ..... 7.99
- (12) CEC-CHUO Denshi ceramic stylus. CP30/CP33 series. RSU 10071900 ..... 5.99
- (13) CZ-680 CEC-CHUO Denshi ceramic stylus. RSU 10071942 ..... 4.99

## Magnetic phono styli

- (14) ATN-3472P Audio Technica magnetic stylus. RSU 10074219 ..... 19.99
- (15) ATN-3601 Audio Technica magnetic stylus. RSU 10073856 ..... 17.99
- (16) Panasonic EPS-P23CS magnetic stylus. RSU 10073872 ..... 10.99
- (17) Sanyo ST-09D magnetic stylus. RSU 10103331 ..... 16.99
- (18) ATN-102EP Audio Technica magnetic stylus. RSU 10074136 ..... 14.99
- (19) Allows magnetic cartridge turntable to be used on ceramic phono or aux. input. RSU 10445161 ..... 24.99

## LP cleaner spray

- (20) Removes dust and dirt, prolongs life of stylus and records. 4-oz. 42-119 ..... 2.49

## Pro record cleaner

- (21) Keep LPs sounding great! Brush, 2-oz. bottle 42-117, 7.99

## 45-rpm adapter

- (22) Play 45-rpm records on LP phono spindles. 42-120 ..... 99c

## Laser/album sleeves

- (23) Protection for 12" laser video discs and LPs. 42-132 ..... Pkg. of 10/3.99

## Dust remover spray

- (24) Safe way to clean delicate surfaces. 12-oz. 64-4350 ..... 9.99

## Self-stick feet

- (25) Ends shelf scratches from audio equipment. Jumbo size. 64-2342 ..... Pkg. of 8/1.79

## Non-slip solution

- (26) Apply to belts and idlers to ensure uniform speed. Works on record changers. 44-1013 ..... 1.59

## Cordless vacuum

- (27) Nozzle attachment to clean in tight spots. 61-2504 ..... 9.99

## How to find the right phono cartridge or stylus

Find the manufacturer's name and model number on your equipment (usually found either on the rear or underside of the unit) or the model number of your current cartridge or stylus. If it is not marked, bring in your current stylus or cartridge to the store. A sales associate will help you match it.

## 6-outlet surge protector

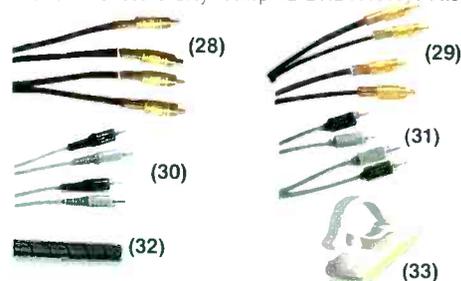


The safe way to add extra outlets. Provides 3-line protection against AC power surges for six components, plus protects cable/TV coax line. Circuit breaker. 61-2130 ..... 29.99 See our complete selection of surge protectors on pages 214-215

## Audio control center



Connect up to three stereo sources to your receiver's aux input. Great way to add a second CD player/changer, tape deck, turntable or VCR sound. Easy hookup. 42-2112 ..... 14.99



## Cable management solutions

Fig	Length	Stereo patch cords	Cat. No.	Each
28	3-ft.	Premium gold-plated	42-2601	8.99
29	6-ft.	Premium gold-plated	42-2605	10.99
30	3-ft.	Standard shielded cables	42-2351	3.99
31	6-ft.	Standard shielded cables	42-2352	4.99

- (32) Spiral cable wrap. 10 feet. 278-1638 ..... 2.19
- (33) Cable clips. Hold securely. 278-1639 ..... Pk. 10/2.79



## Cartridge and stylus special-order service

Don't see what you need on this page? RadioShack Unlimited has replacement styli and cartridges for over 100 brands. We'll order for you and have it shipped direct to your door! Bring in your cartridge or stylus if you're not sure what you need.





# The Address for Public Address

Your nearby RadioShack has everything you need for reliable sound reinforcement: amplifiers, mixers, speakers and microphones, plus the cables and connectors you need to bring it all together.

## Rack-mountable 200-watt stereo PA amplifier

**MPA-200.** Just what you need to reach every audience or congregation member. This rack-mountable amp features rotary knobs for precise control of each channel and lighted VU meters with clipping LED and range control. Has 1/4" phone jacks for adding a stereo mixer or other line-level source, plus phono jacks for stereo line-level source. 1/4" stereo headphone jack. Nylon binding posts for two pairs of speakers accept banana plugs for quick connect/disconnect. A/B speaker selector. (TSP) **32-3003** ..... **299.99**  
**Frequency Response:** 10-50,000Hz ± 3dB. **Power:** 100 watts per channel RMS at 8 ohms with no more than 0.5% total harmonic distortion. **Power Requirement:** 120VAC, 60Hz, 200W. Size 5 1/2" x 18 1/2" x 14 1/4"



## 100-watt rack-mountable PA amplifier with microphone mixer

**MPA-101.** Power and performance for auditoriums, churches and clubs. Has both high and low-impedance inputs for up to four microphones plus an auxiliary input for mixer or tape deck. Feedback filter. Rotary knobs allow precise control of each channel. Lighted power meter and LED clipping indicator. Overload protected. (TSP) **32-2039** ..... **249.99**  
**Frequency Response:** 60-25,000Hz ± 3dB. **Power:** 100 watts RMS at 8 ohms. **Outputs:** Mix bus, EQ in/out, push-terminals, 70V line and phono-type jacks for 4 to 16-ohm speakers, 1/4" headphone jack. **Power Requirement:** 120VAC, 60Hz, 200W. Size: 4x19 1/2"x10 1/2"



## 35-watt PA amplifier with 3-band frequency equalizer

**MPA-46.** Ideal for music and voice. Built-in 3-band EQ lets you adjust response for best sound. Connect a switch to the priority terminals to give priority to Mic-1 by disabling other inputs—handy for paging or making loudspeaker announcements. Built-in mixer, pre-amp for magnetic-cartridge turntable. Inputs for two microphones and phono/aux. Master volume control. (TSP) **32-2042** ..... **129.99**  
**Frequency Response:** 70-20,000Hz ± 3dB. **Power:** 35W RMS at 4 ohms. **Outputs:** 4, 8, 16 ohms; 70V line; terminals for adding SPST switch for remote priority switching. **Power Requirement:** 120VAC, 60Hz, 200W. Size: 3 1/2" x 11 1/2" x 7 1/2"



## 20-watt dual-power PA amplifier operates on AC or vehicle DC

**MPA-31.** Has inputs for two high or low-impedance microphones, magnetic-cartridge turntable, plus high-level input for CD player, tape deck or other aux component. Two front-panel mic inputs, master volume and tone controls. 70V line output for multiple-speaker PA system. Included 12VDC cord plugs into cigarette lighter socket. With AC cord. (TSP) **32-2041** ..... **99.99**  
**Frequency Response:** 150-20,000Hz ± 3dB. **Power:** 20 watts RMS at 8 ohms. **Outputs:** 4, 8, 16 ohms; 70V line. **Power Requirement:** 120VAC, 60Hz, 40W or 12VDC neg. ground. Size: 3x11 1/2"x8 3/4"

## Sound tips for selecting a public address system

Each PA system installation is unique. The best installation for your purposes can be found only through trial and error. However, the following steps will help you get started on your system.

**Speaker Location.** Speakers usually should be placed at the front of the room facing the audience. Longer, narrower rooms will need more speakers, placed along the side walls and angled toward the back/center of the audience. Keep all speakers facing the same end of the room and never facing the microphones. Use 70-volt line transformers with systems having over 200 feet of speaker cable.

**Power Requirements.** Determine your room's length-to-width ratio and refer to the table below for the amplifier power and number/size of speakers you'll need. "Small" rooms include most home areas plus conference/class rooms accommodating up to 100 people. "Medium" rooms include meeting/lecture halls and churches accommodating up to 300 people. "Large" rooms include assembly halls, auditoriums, clubs and churches accommodating over 300 people. "Room A" refers to rooms with length-to-width ratio of 1.5 to 1. "Room B" ratio is between 1.5 and 3 to 1. Ceiling height, room acoustics and ambient noise levels play a part when determining the amount of power needed. If you are unsure, buy the next higher-power amplifier. You can never have "too much" power.

Approximate Room Size	Amplifier Power	Room A Speakers	Room B Speakers
Small	20 watt	8" (2)	8" (4)
Medium	35 watt	12" (2)	12" (4)
Large	100 watt	12" (4)	12" (6)

**Microphones.** Use omnidirectional microphones for small conferences and cardioid mics if room echoes or noises are a problem.

**Amplifiers.** Select an amp with ample power to drive the speakers you've selected (from table above). Be sure the amplifier has the correct type of mic inputs (low or high impedance), plus inputs for any other accessories you want to add.



## Easy-to-follow guide to PA system installation

*Installing and Maintaining Sound Systems* explains how to install, operate and care for PA sound systems. Includes useful illustrations. **62-2318** ..... **7.99**

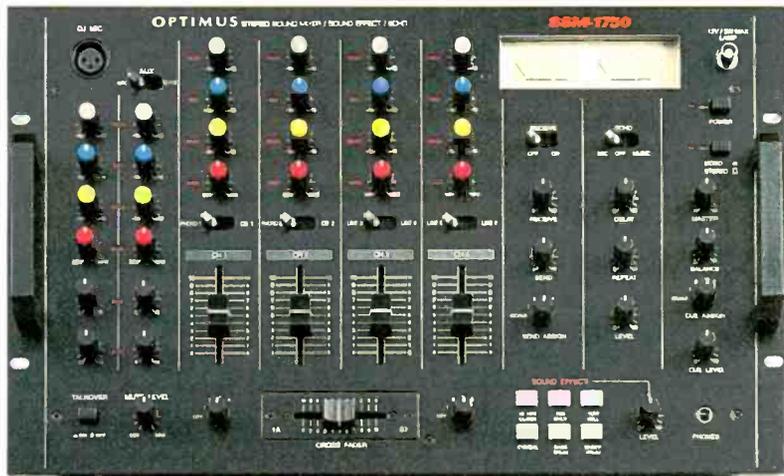
### PA AMPLIFIER ACCESSORIES

See Index for these listings:



Adapters • Wire and Cable • Cords • Microphones  
 PA Equipment, Mixers, Speakers • Plugs • Stereo Components • RadioShack Unlimited

Prices apply at participating RadioShack stores and dealers. Not all items in all stores—ask about our ordering service (items subject to availability)



**New 19-inch rack-mount 4-channel stereo mixer with equalizer**

**SSM-1750** Our best mixer for the advanced DJ or music group. 4 channels each feature gain, bass, mid and high controls. 6-band rotary control equalizer shapes the music to fit the surroundings or your tastes. Also features a 6-band sound effects generator with level control for adding special sounds. Microphone assign control button. Echo feature with level, repeat and delay controls. VU meter for left and right. DJ microphone input and talkover capability. Pan and cue level control. Stereo/mono switch. Mute level control. 1/4" headphone jack. (TSP) **32-3008** ..... **299.99**



**Four-channel stereo microphone line mixer**

Mixes up to four microphones or line inputs. Slide-action channel faders for adjusting the sound level of the channels for the best mix. Stereo/mono switch. Requires AC adapter #273-1455 or 9V battery. (TSP) **32-1106** ..... **49.99**



**New 19-inch rack-mount 3-channel stereo mixer**

**SSM-1250**. A great mixer for the accomplished DJ or small band. Features 2 phono inputs and 4 line inputs. Stereo/mono switch. DJ's microphone input with bass and treble controls and talkover capability. XLR and 1/4" microphone inputs. Removable crossfader control. 1/4" headphone jack. Left and right VU meters. XLR adapter for adding a gooseneck lamp. (TSP) **32-3009** ..... **199.99**



**Four-channel stereo mixer with line controls**

Control up to four line-level sources or three mics plus a line-level source. Slide-action channel and volume controls. Rotary bass and treble controls. Headphone monitor control. Record in/out jacks. (TSP) **32-1214** ..... **139.99**



**New 10-inch Rack-mount 2-channel stereo mixer**

**SSM-50**. Ideal for DJs. Features 2 channel inputs and 1 microphone input with bass and treble controls. Cue level control lets you shape the sound for the desired effect before sending signal to amplifier. 1/4" headphone jack. Microphone and master volume controls. RCA jacks. 12VDC adapter. (TSP) **32-3005** ..... **99.99**



**Rack-mount 6-channel microphone mixer**

**MX-1000**. Excellent for use when amplifying or recording music groups or meetings. Controls volume/balance of up to six microphones plus a line-level source (for example, a cassette deck providing accompaniment music). Has 1/4" jacks for high-impedance mics, XLR jacks for low-impedance types. Line-out jacks for recording. Rotary channel controls and master volume, feedback filter. Lighted VU meter. (TSP) Was \$169.99 in '97 catalog. **32-3004** ..... **New Low Price! 99.99**



Great for DJs & karaoke jacks.

**Sound effects generator/mixer**

Three-channel audio mixer combines a mono mic channel with two stereo line-level sources plus 59 digitally sampled sounds, 18 electronic tunes, arcade sounds and effects. Samples can be modified and sequenced in any order. 1/4" headphone jack. UL listed AC. (TSP) **32-1116** ..... **79.99**



(1)



(2)

(1) **Optimus PRO-50 MX**. Perfect for DJs or singers. Includes unidirectional boom mic. Headphone response, 20-20,000Hz. 9-foot cord, gold-plated 1/8" mic and headphone plugs. (TSP) **33-1135** ..... **49.99**

(2) **Unidirectional dynamic 12 1/2" gooseneck mic**. Quickly adjusts for people of different heights. XLR plug for use in balanced-mic hookups. **33-3011** ..... **34.99**



# Make Your Own Light Show

At RadioShack, you'll find everything you need to put together an awesome display of special-effect lighting. It's a perfect way to captivate and entertain your audience!



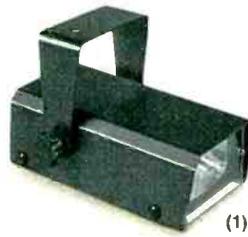
**Wide-angle flashing strobe light**

Add more excitement and a totally cool look to your next party. Switch it on and vary its flash rate to see people "freeze" or move in slow motion. Perfect for special effect photography. Use with mirror ball #42-3046 (right) or by itself. UL listed AC. **42-3009** ..... **34.99**



**Illuma-Storm®—lets you control the lighting!**

Amaze your friends—you can sculpt a light show with just your bare hands! A high-energy field causes constant patterns of "lighting bolts" that react to music, voice and touch. Small enough to take almost anywhere. Plus, it's a great stress reliever. UL listed AC operation. (TSP) **42-3034** ..... **49.99**



(1)



**(1) Mini strobe/flasher light**

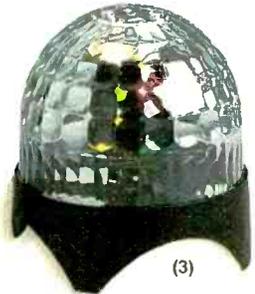
Perfect for DJs. Use it by itself or with the mirrored ball #42-3046 (below). Variable flash rate can make party-goers appear to be moving at different speeds. It's easy to take along and set up. UL listed AC. **42-3048** ..... **34.99**



(2)

**(2) Motorized 8" mirror ball**

Use in conjunction with the mini flashing light #42-3048 (above) or #42-3009 (left) to reflect beams of light around the room. Motor rotates the ball for an ever-changing light show. **42-3046** ..... **29.99**



(3)

**(3) Rainbows of light**

Great for creating a fun mood effect with music or just by itself. Light inside a faceted dome casts colors around the room. UL listed AC. **42-3018** ..... **16.99**



## PA accessories—perfect for DJ, sound technician



Equipment shown not included

- (4) **Microphone "pop" screen.** Helps eliminate explosive accents on "P" and "B" consonants that can mar audio. **RSU 11443405** ..... **29.99**
- (5) **Flexible DJ lamp.** Plugs into mixer for greater mixer visibility in dark clubs or performance halls. **RSU 11443363** ..... **24.99**
- (6) **Clamping shelf.** Modular design works with table or floor rack shown on this page. **RSU 11443389** ..... **59.99**
- (7) **Cable organizer.** Eliminates tangles of cords. Helps prevent accidents and keep work area uncluttered. **RSU 11443371** ..... **14.99**
- (8) **Universal connector panel with punch-outs.** For use with table or floor rack shown on this page. **RSU 11443397** ..... **11.99**
- (9) **Installing and Maintaining Sound Systems book.** Explains set-up and operation of PA systems. **62-2318** ..... **7.99**

### Tabletop amp/effects rack

This 17½"-high rack provides 10 spaces up front for your gear and features heavy 16-gauge steel construction with a durable textured, powder-coat black finish. Has front and rear threaded rails, removable side panels and rubber feet. 18" deep. **RSU 10445294** ..... **199.99**



Equipment shown not included

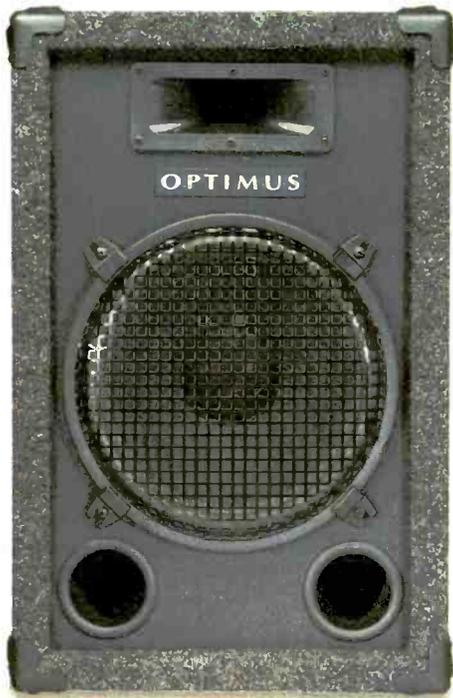
### Sloped-top floor rack

28 spaces (12 slope, 16 bottom) for amplifiers, EQs, processors and effects. High-density ¾" particle board with black laminate finish. Front and rear rails, casters (two locking). **RSU 10445302** ..... **249.99**

- One-space blank panel.** For RSU 10445294/10445302. **RSU 10456556** ..... **12.99**
- Three-space rack drawer.** For RSU 10445294/10445302. **RSU 10456564** ..... **109.99**
- One-space rack shelf.** For RSU 10445294/10445302. **RSU 10456572** ..... **29.99**
- One-space vent panel.** For RSU 10445294/10445302. **RSU 10456580** ..... **12.99**

# Make Your Message Heard

RadioShack has the speakers and accessories to fit all your DJ and Public Address needs.



## New PA monitor speaker with 12" woofer and horn tweeter

An ideal choice for auditoriums or outdoor use. The 12" woofer with 25-ounce ferrite magnet delivers powerful bass. The 2x6" piezo horn tweeter produces sharp, crisp highs. Rugged, vented enclosure has heavy-duty side-mounted inset "pocket" handles for easy carrying and stacking of speakers. Frequency response: 55-25,000Hz. 100 watts RMS/200 watts max. power. Impedance: 8 ohms. Terminal plate features a 1/4" jack and 5-way posts. 24 1/4 x 15 1/2 x 12 1/4". 40-120 ..... 139.99



**Tripod speaker stand**  
Holds speakers up to 80 1/2" high. 65 lbs. maximum. RSU 10454353 ..... 89.99



## 8" wall-mount speaker

Perfect for paging and/or background music in an office or retail space. Features a full-range 8" driver and built-in volume control. 5 watts RMS/10 watts max. power capacity. Impedance, 8 ohms. 10 1/4 x 10 1/4 x 4 3/4". 40-1414 ..... 24.99



## 8" Powerhorn®

It's shockproof and water resistant. 15 watts RMS/25 watts max. 8 ohms. 40-1239 ..... 34.99

## 5" Powerhorn

10 watts RMS/15 watts max. 8 ohms. 40-1236 ..... 21.99

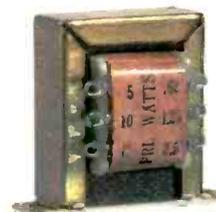


## Outdoor Super Powerhorn

High-efficiency design. Swivel base. 40 watts RMS/60 watts max. 8 ohms. SPL: 110dB. With hardware. 11x6 1/2 x 8 1/2". 40-1307 ..... 44.99

## In/outdoor 4" Powerhorn

Rugged, shockproof, water-resistant design. With mounting bracket. 5 watts RMS/10 watts max. Impedance: 8 ohms. 40-1235 ..... 14.99

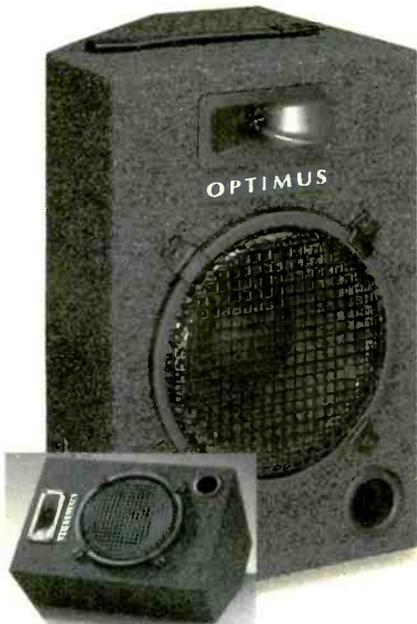


## Line transformer

Drives speakers at various power levels from 70V line. For 4, 8 or 16 ohms. 10 watts. 32-1031 ..... 5.99

## 70V/100 watt transformer.

RSU 10436475 ..... 49.99



## New PA monitor with 10" woofer and piezo horn tweeter

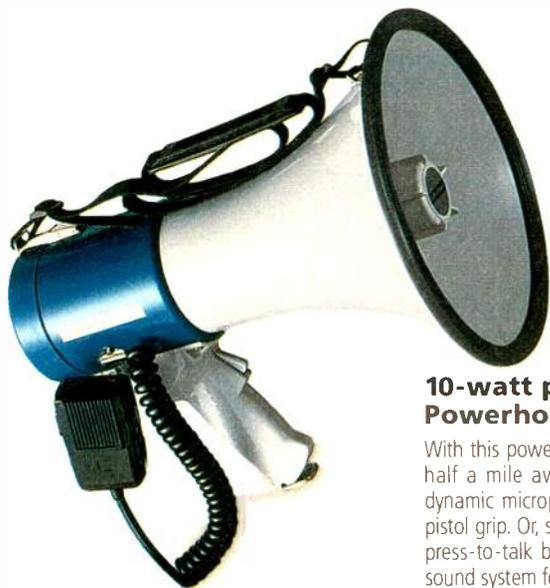
Enclosure stands upright or can be placed horizontally, angled as a stage monitor. 10" woofer with a 1 1/2" voice coil with 25-oz. strontium ferrite magnet. 2x5" piezo horn tweeter for crisp highs. 1/4" jack and two terminal posts make it easy to connect to most amplifiers. 75 watts RMS/150 watts maximum power. Impedance: 8 ohms. Frequency response: 55-22,000Hz. Convenient carrying handle. 19 1/4 x 13 x 12 1/4". 40-110 ..... 99.99



## New PA monitor speaker with 15" woofer and horn tweeter

Big 15" woofer with 2" voice coil and a 38-oz. strontium ferrite magnet. Dual ports for powerful bass. 2x6" piezo horn tweeter produces crisp, clear highs. Frequency response: 48-22,000Hz. 150 watts RMS/300 watts maximum power. Impedance: 8 ohms. Rugged enclosure with reinforced corners. Spring terminals and 1/4" jack for easy hookup to amp. 2 side inset handles. Metal grille. 27 1/4 x 19 1/4 x 12 1/4". 40-115 ..... 199.99





**Where do professional audio engineers shop?**

The same place schools and clubs have for years . . . RadioShack. Professional-quality equipment like our sound-level meters are common in sound studios everywhere because of their incredible precision and value

**10-watt public address Powerhorn® with siren**

With this powerful megaphone you can be heard more than half a mile away. Just speak through the unidirectional dynamic microphone while pressing the talk button on the pistol grip. Or, strap it on your shoulder and use the separate press-to-talk button on the microphone itself. This portable sound system features a rotary volume control and adjustable shoulder strap with shoulder pad. Requires 8 "C" batteries. (TSP) 32-2038 . . . . . 99.99



**PA musical Powerhorn plays 94 preprogrammed songs**

Play pep songs at ball games, make announcements and program your own tunes. This portable PA system plays 94 built-in tunes—everything from major college fight songs to nostalgic old favorites, Christmas carols and children's songs. Plus, you can program up to five more tunes yourself with the keypad, or use it as an organ. Speak into the built-in microphone to be heard up to 300 feet away. With adjustable gain control, jack for external microphone, power-on indicator, shoulder strap for easy carrying and song list. Requires 8 "AA" batteries. 32-2037 . . . . . 39.99



**10-watt speaker/amplifier for guitar, keyboard or mic**

**MPS-31.** This full-featured speaker/amp packs plenty of power to amplify your electric guitar, keyboard or microphone. You get a full-range 8" speaker plus rotary controls for volume, bass, treble and midrange—even a distortion control for a rough rockin' sound. Has a 1/4" input jack for connecting an instrument or microphone, plus a 1/4" headphone jack to listen privately or monitor the sound source. On/off switch with LED power meter. Rugged vinyl covering with protective metal corners. Carry handle. (TSP) 32-1152 . . . . . 129.99



**Compact speaker/amp for mic or musical instrument**

Enjoy amplified sound wherever you need it. This compact combo is lightweight and easy to take almost anywhere. Plug in a microphone to use as a portable PA system for meetings, or use as a musical instrument practice amp. Has variable tone and volume controls for customizing the sound to fit your needs, aux input and 1/8" mic jack. Measures only 6 3/4 x 5 x 4". Requires 4 "C" batteries. 32-2040 . . . . . 19.99  
AC adapter. UL listed. 273-1455 . . . . . 7.99



Not just ordinary headphones, nor a radio—it's a personal listening system that amplifies sounds around you! Ideal for tuning in to birdsong and other sounds of nature. Also great for TV viewing.

**New Stereo amplified listener**

Comfortable headphones boost sounds around you while maintaining a natural sense of sound direction. Enhance low, midrange, high frequencies to your taste with 3-band equalizer. Requires 2 "AAA" batteries. (TSP) 33-1095 . . . . . 59.99



**Analog-display sound-level meter**

Monitor music or noise levels in home, auditorium or industry. Also ideal for balancing speaker output levels in home theater. Reads to 126dB SPL with slow or fast response for checking peak and average levels. Seven ranges. Electret microphone. Requires 9V battery. 33-2050 . . . . . 34.99

**Digital-display sound-level meter**

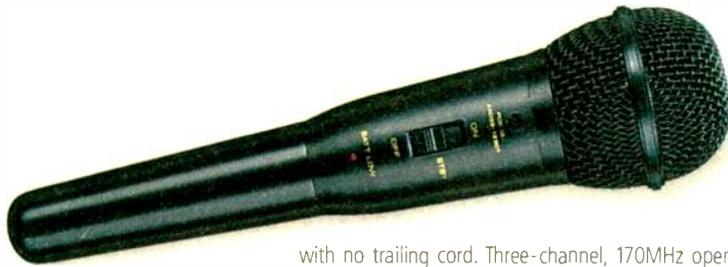
Provides precise readings when you fine tune audio response of a stereo, PA or home theater system in combination with an equalizer. Reads 50 to 126dB SPL, and has "A" or "C" weightings. Carry case. Requires 9V battery. (TSP) 33-2055 . . . . . 59.99



**Electronic guitar tuner**

This quartz-precision tuner's meter instantly displays variance above/below pitch—needle centers when you're on the money. Individual LEDs light to show which string you're tuning. Has 1/4" input for electric guitar or bass, mic for acoustic instruments and 1/4" output jack. Requires 9V battery. 63-1001 . . . . . 29.99





### 3-channel, 170MHz wireless FM microphone

The right choice for singers and emcees—team it with a base receiver and move freely

with no trailing cord. Three-channel, 170MHz operation combines with compander noise-reduction circuitry (found in quality cordless phones) to deliver crystal-clear sound. Selectable channels enable performers to use multiple mics and different receivers in the same location, yet balance (mix) them separately. LED low-battery indicator. Requires 9V battery. (TSP) 32-1230 ..... **89.99\***



### 3-channel, 170MHz FM wireless lapel microphone transmitter

Microphone clips to lapel, collar or pocket with no cord to get in the way. Selectable channels makes it ideal for panel discussions—up to three persons can have individual mics with different receivers. Compander noise-reduction circuitry delivers crystal-clear sound. Use with base receiver (below). Requires 9V battery. (TSP) 32-1231 . . . . **79.99\***



### **New** Headset microphone with gooseneck boom

Plug it into your amplifier for hands-free convenience for stage, PA or DJ use. Or add the 170MHz audio link (32-1235) at left and eliminate trailing wires entirely. Unidirectional microphone with 100-12,000Hz frequency response. Adjustable headband, remote on/off switch. Gold-plated 1/8" plug with 1/4" adapter. (TSP) 33-3012 ..... **49.99**



### 2-channel, 170MHz wireless audio link

Clip transmitter to your belt, plug in a corded mic or musical instrument, and roam the stage free of cords. Up to two persons, each with individual transmitter and receiver, can perform "wirelessly" without interfering with each other. Compander noise-reduction circuitry for outstanding sound quality. 1/4" and 1/8" inputs. Low-battery LED. Base receiver included. Requires 9V battery. Was \$149.99 in '97 Catalog. (TSP) 32-1235 . . . . . **New Low Price! 99.99\***



### 8-channel, 170MHz FM wireless base receiver

Companion to 170MHz FM wireless transmitters (32-1230, 32-1231). Features eight selectable channels. Compander noise-reduction circuitry for clearest sound possible and rotary output-level control. Mic-level and line-level output jacks UL listed AC. (TSP) 32-1233 ..... **79.99**



### Hands-free wireless mic system

Crystal clarity with up to 200-ft. range. Receiver has mic/line-level outputs. Microphone has standby/talk switch and requires "AA" battery. UL listed AC (or DC adapter 270-1534, extra). (TSP) 32-1221 ..... **59.99**



### Camcorder wireless mic system

Record up to 200 ft. away. Receiver has high/low volume, monitor, earphone, camcorder microphone cable, shoe mount. Transmitter has belt clip and tie-clip mic. Requires 2 9V batteries. (TSP) 32-1226 . . . **69.99**



# RadioShack Microphones by Shure®

When you need professional quality audio performance, choose a RadioShack microphone by Shure, the world's leading microphone manufacturer.



### Pro-unidirectional dynamic mic

Low-impedance microphone designed for the professional vocal artist. High-output neodymium cartridge and unidirectional pickup pattern optimize sound quality while reducing annoying feedback. 50-20,000Hz response. 16-foot cable with XLR connector. Includes swivel stand adapter and zippered bag. (TSP) 33-3010 ..... 89.99



### Pro-unidirectional highball microphone

Dual-impedance (hi/lo) microphone ideal for general sound reinforcement and paging. Unidirectional pickup pattern reduces background noise and minimizes feedback. 80-15,000Hz response. 16-ft. cable with 1/4" plug (adaptable to XLR). Includes swivel stand adapter and zippered bag. (TSP) 33-984 ..... 59.99



### Rugged super omnidirectional mic

High-quality low-impedance microphone for home recording and interviews. Durable construction features rubber shock ring. Omnidirectional pickup pattern is equally sensitive to sound from all directions—ideal for recording multiple voices or instruments. 40-17,000Hz response. 16-foot cable with XLR connector. Includes swivel stand adapter and zippered bag. (TSP) 33-1070 ..... 49.99

## Stands & accessories



- (1) **Heavy-duty stand.** Perfect for stage or studio. Cast-iron base provides stability. Chromium-plated tube adjusts from 34" to 64" high. Standard 3/8" thread for mic stand adapters. 33-320 ..... 24.99
  - (2) **Folding stand.** Adjusts from 32" to 57". Legs fold up for quick transport or storage. Non-slip rubber feet. Standard 3/8" thread for mic stand adapters. 33-325 ..... 29.99
  - (3) **31" boom adapter.** Attaches to microphone stand to position mic where you need it. Adjustable length and angle, built-in counterweight. Standard 3/8" thread. 33-344 ..... 15.99
  - (4) **13" gooseneck.** 33-330 ..... 5.99
  - (5) **3/8" screw flange.** 33-332 ..... 2.99
  - (6) **Desk mic stand.** 33-370 ..... 6.99
  - (7) **Gooseneck screw flange.** 33-4007 ..... 9.99
  - (8) **Clamp-on adapter.** 33-372 ..... 4.99
  - (9) **Slip-in adapter.** 33-371 ..... 2.99
  - (10) **Heavy-duty adapter.** 33-4005 ..... 4.99
- #33-320, 33-325 and 33-444 do not include microphone adapter shown.

**APPLICATIONS.** *Handheld mics, for performance and interviews, offer wide-range sound, good shock-mounting and durability. Lavalier mics, worn on lapel, collar, or around the neck, leave the user's hands free to work or gesture. Surface-mount mics are ideal for desk or conference table. Gooseneck mics easily adjust for different speaker heights and are used on podiums and lecterns.*

**CARTRIDGE TYPE.** *Condenser mics, having a built-in preamp, offer crisp, clean sound—recommended for high-quality recording. Rugged dynamic mics offer good sound and resistance to temperature extremes—a popular choice for PA applications.*

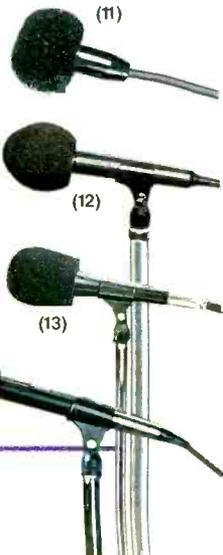
**DIRECTIONALITY.** *The pickup pattern of a microphone. Omnidirectional mics provide equal sensitivity to sound in all directions—excellent for meetings. Unidirectional or cardioid mics' single-direction pickup pattern reduces feedback and background noise—ideal for stage or PA use.*

**FREQUENCY RESPONSE.** *Range of sound, low to high, that a mic picks up. The wider the range, the more natural the sound.*

**IMPEDANCE.** *Hi-impedance mics feature a cable with 1/4" phone plug. Low-impedance types employ a 3-pin XLR connector and 3-wire shielded cable which helps cut noise on cable runs of 45 feet or more.*

### Microphone windscreens to reduce noise

- (11) **For tie-clip microphone.** Helps reduce breath sounds and noises from rustling of clothing. 33-4006 ..... 1.99
- (12) **For standard mic heads.** Foam screen fits over mike head to help cut breath sounds and wind noise. 33-373 ..... 2.99
- (13) **Large windscreen.** As above, for larger microphone heads. 33-4001 ..... 3.99
- (14) **Foam windscreen.** For 33-3017 microphone. 33-378 ..... 3.99





- (1) **Pro-unidirectional dynamic.** A superb microphone for vocalists and announcers. Wide 80-15,000Hz response. Non-slip body for easy gripping even in hot, humid conditions. Has wire-mesh wind screen, on/off control switch. 16-foot cable with XLR plug. (TSP) **33-3001** ..... **69.99**
- (2) **Unidirectional condenser.** 70-15,000Hz flat response offers true sound pickup. Has wire-mesh wind screen and recessed on/off switch. Balanced low-impedance output. 16-foot cable with XLR plug. Requires "AA" battery. (TSP) **33-3017** ..... **59.99**
- (3) **Unidirectional dynamic.** Especially suited for vocal use. Rugged die-cast zinc body is built to last. 100-10,000Hz response. Wire-mesh wind screen, on/off switch. 20-foot cable, XLR plug. Includes mic holder. (TSP) **33-3004** ..... **49.99**
- (4) **Unidirectional dynamic.** Ideal for stage use—the cardioid pickup pattern reduces annoying feedback and unwanted background noise. 100-14,000Hz response. On/off switch. 16-ft.cable, XLR plug. **33-3002** ..... **34.99**
- (5) **Unidirectional dynamic.** Die-cast zinc body. Wire-mesh wind screen reduces breath "pops" and sibilants. 5C-15,000Hz response. On/off switch. 13-foot cable with 1/4" plug. Stand adapter. **33-1073** ..... **34.99**
- (6) **Unidirectional dynamic mic with gooseneck.** The 12 1/2" flexible gooseneck adjusts for speakers of different heights. 100-10,000-hz response. XLR plug for use in balanced-mic hookups. Stand adapter. **33-3011** ..... **34.99**
- New** (7) **Dynamic unidirectional mic.** Perfect choice for on-stage vocals. Single-direction pickup minimizes feedback and background noise. 80-14,000Hz. 20-ft. cable. 1/4" plug. Wire-mesh wind screen. **33-3018** ..... **29.99**
- (8) **Omnidirectional dynamic.** Feedback-reducing internal filter makes it ideal for meetings. 50-13,000Hz response. 6-foot cable with 1/4" plug. **33-3008** ..... **24.99**
- (9) **Unidirectional dynamic.** High-quality all purpose microphone—an excellent value. 80-16,000Hz response. 9 1/2-foot cable with 1/4" plug. **33-3009** ..... **19.99**

## XLR adapters & cable



- (10) **1/4" jack-to-XLR A3M plug adapter/transformer.** Connects a high-impedance microphone to balanced (3-wire shielded) cable/sound system for high-quality sound. **274-017** ..... **11.99**
- (11) **A3F XLR jack-to-1/4" plug adapter/transformer.** Balanced mic/line to high-impedance input used in professional sound systems. **274-016** ..... **11.99**
- (12) **15-foot microphone cable.** Flexible, durable 3-wire shielded cable with XLR plug at one end, XLR jack at the other. **33-4002** ..... **19.99**
- 25-foot cable. RSU 10436541** ..... **24.99**
- 50-foot cable. RSU 10436558** ..... **29.99**
- New** (13) **16-ft. mic cable.** Shield 3-pin female XLR connector to 1/4" gold-plated phone plug. **33-4012**, **19.99**
- New** (14) **XLR female-to-female adapter.** **274-014** ..... **5.99**
- New** (15) **XLR male-to-male adapter.** **274-015**, **5.99**
- (16) **Dual microphone adapter.** **42-2156** ..... **3.49**
- (17) **12-ft. mic extension cable.** **42-2378** ..... **4.99**
- 25-ft. low loss microphone cable.** **42-2379** ..... **6.99**

## New

### Omnidirectional boundary mic.

Designed to provide 360° quality pickup. 20-18,000Hz frequency response. On/standby/off switch. Includes 15-ft. shielded cable. **33-3020** ..... **59.99**



**Tabletop computer mic.** Unidirectional mic is powered by two "AAA" batteries (not including). Stand provides four position adjustments. 6 1/2-ft. cord, male plug. **33-3025** ..... **19.99**



(18) **Hands-free tie-pin omnidirectional electret.** On/off switch. 70-16,000Hz response. 1000 ohms. 16 1/2-foot cord with 1/8" plug. Includes clothing clip, wind screen and battery. **33-3003** ..... **34.99**

(19) **Hands-free tie-clip omnidirectional electret.** 70-16,000Hz response. 1000 ohms. 3 1/2-foot cord with 1/8" plug. On/off switch. Includes battery. **33-3013** ..... **24.99**

**New** (20) **Mic for microcassette recorders.** 3-ft. cord with a 3/32" mono plug and 1/8" plug adapter. 100-10,000Hz. 1/8" plug allows use with regular size recorder. **33-3019** ..... **9.99**



### Microphones for portable cassette recorders

(21) **Budget dynamic.** On/off switch, 1/8" audio plug, 3/32" remote plug. **33-1067** ..... **5.99**

(22) **Omnidirectional dynamic.** 100-10,000Hz response. 6 1/2-foot cord with 1/8" audio plug, 3/32" remote plug. **33-2001** ..... **9.99**

(23) **Omnidirectional electret.** 100-10,000Hz response. 1000 ohms. On/off switch. 6-foot cord with 1/8" audio plug, 3/32" remote plug. With stand and wind screen. **33-3014** ..... **29.99**



### Karaoke microphone with adjustable echo

Adds an extra dimension to sound. Unidirectional pickup makes it ideal for on-stage performance. LED power indicator. 100-15,000Hz response. On/off switch. 15-foot cord with 1/4" gold-plated plug. Requires "AA" battery. **33-3016** ..... **39.99**

### FM wireless mic

Use as a tie clip mic, monitor a child's room, use with a PA as a remote tape recorder, much more. Transmits to any FM radio or receiver tunable to 88-108MHz. Up to 200-foot range when used outdoors, 100 feet indoors. Requires #23-150 button battery. **33-1076** ..... **19.99**





## May we help you find something?

If you're having difficulty finding a particular video product or accessory, don't worry. RadioShack Unlimited, an exclusive in-store catalog available only at your nearby RadioShack, can help with all your electronics needs. It offers an extraordinary variety of unusual and hard-to-find video products available for shipment direct to your door. From high-tech video distribution and editing equipment to camcorder accessories, TV wall and ceiling mounts, VCR belt replacements, satellite accessories and more—RadioShack Unlimited has the help you need.



**RadioShack  
Unlimited®**

# America's Source for Video

Your nearest RadioShack offers some of the most innovative, useful video products available, plus the best selection of video accessories anywhere. We are also on the cutting edge of technology with digital satellite TV systems, the future of television. And if you have any questions about any video product or accessory, our expert store personnel can give you the answers. Our outstanding lineup includes:

### Digital Satellite Systems

RadioShack offers the hottest mini-dish satellite systems: our own Optimus-brand DSS, RCA-brand DSS® and PRIMESTAR®. Each one provides many more channels and pay-per-view choices than most cable systems, while delivering laserdisc-quality video and digital sound. Read about them in this section, then see and hear them for yourself at a nearby RadioShack.

### LCD televisions

Lightweight and compact, LCD pocket TVs help you keep up with TV news, sports and your favorite programs while you're on the go. All feature precise digital tuning; models with A/V jacks are ideal portable camcorder monitors.

### VCRs

Our selection includes feature-packed 4-head VCRs with clear, stable pictures (even in search and slow motion), plus 4-head Hi-Fi VCRs that can connect to home theater systems for realistic movie sound.

### Full-size and portable TVs

We offer TVs with 2- and 3-way power that you can enjoy at home, on the go, and on the road. Our 27" TV is ideal for your home theater system. Plus, we have portable TV/VCR combos—perfect for presentations, travel, the bedroom or the kitchen.

### Camcorders

For birthdays, anniversaries, holidays, recitals and graduations, nothing captures family memories like a camcorder. We carry all of the popular formats so you can choose the camcorder that's right for you: full-size VHS, VHS-Compact or 8mm.

### Video accessories

Whether you're a serious video enthusiast or just looking for some hookup help, we have what you need: video processors and selectors, universal remotes, and the cables and connectors to do the job right.

## Your Source for Mini-dish Satellites, Antennas and More!

No matter where you live or what your specific reception needs are, we have the products and service you'll need for any situation. In addition to standard reception products such as TV, FM and special-purpose antennas, we also carry mini satellite systems that provide access to a wealth of entertainment and state-of-the-art digital reception for unparalleled sound and picture. We also have all the accessories you need to further improve your reception: adapters, amplifiers, masts, mounts and more. No other national retailer has a better selection of the reception products you need.

### Mini-dish satellite-TV systems

Mini-dish satellite-TV is a mega-hit. In fact, it's the fastest selling new electronic product in history, and millions of American families are already enjoying the benefits. In addition to our own Optimus-brand DSS, RadioShack offers both of the leading direct-to-home mini-dish systems—RCA DSS® and PRIMESTAR®. With each, you get a laserdisc-quality picture, CD-quality stereo sound and a staggering variety of programming choices.

**Optimus-brand and RCA-brand DSS** use an 18-inch outdoor mini-dish, set-top receiver and remote to deliver far more channels than most cable TV systems—currently over 200—with a picture sharper than ordinary TV and stereo sound comparable to compact disc. Equipment and programming are sold separately. DIRECTV® and USSB™ both offer a variety of programming packages with basic service starting as low as \$7.95 per month.

**PRIMESTAR** is complete home satellite TV service. You don't have to purchase equipment. One monthly fee covers use of the 29" to 39" outdoor mini-dish, set-top receiver, remote, great programming...and it even covers maintenance. Since you lease the equipment there's no big cash outlay to get started—only a one-time installation charge. Like DSS, PRIMESTAR delivers digital-quality pictures and sound. PRIMESTAR offers almost all of the popular cable channels, pay-per-view movies and sports, plus digital-stereo music audio-only channels. Currently up to 160 channels are available, with more expected to be added in the near future. See page 137 for details.

Each of these systems has advantages that may make one of them the best choice for you. That's where RadioShack comes in. See the next two pages and visit your nearby RadioShack for more information and a firsthand look. Bring us your questions about this exciting new technology and we'll give you the answers!

### DSS installation

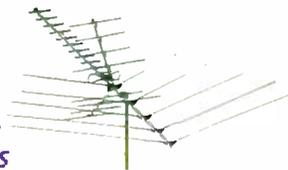
Installation of your home satellite system can be easy with the help of RadioShack. If you're the do-it-yourself type, RadioShack offers an installation kit (p. 139) that has everything you need, including detailed instructions, to do this project yourself. Or, if you prefer, RadioShack can arrange for professional installation of your satellite system. See page 138 for more set-up information.



### Outdoor antennas

With the increased number of local TV stations and the unavailability of local programming from satellite transmission, your need for a quality outdoor or attic-mount antenna is as great now as it's been in the past. Your nearby RadioShack carries a wide selection of antennas for city, suburban and rural locations.

Our VU-series antennas receive VHF-TV (channels 2-13), UHF-TV (channels 14-69) and FM radio. All feature high-tensile-strength elements for long life.



### Indoor antennas

If you live in an apartment, dorm or home where an outdoor or attic-mount antenna is impractical or prohibited, a RadioShack indoor TV/FM antenna can be an economical way to improve your TV reception.

Non-amplified indoor TV/FM antennas are suitable for strong to medium-signal areas. Amplified models are better within crowded city limits where signals can reflect off surrounding buildings. These antennas amplify weak signals and feature a normal/boost switch to prevent overloading on strong stations.



### Antenna Installation

Installing your antenna is easy with RadioShack masts, mounts and hardware. Our wide selection means you'll never have to run around town or make do with parts that "almost" match.

With mounts for specific types of installations (i.e.: chimney, rooftop, wall, etc.) and a huge in-store selection of hardware and accessories, we have the right products for virtually any job, plus expert advice to help you do it right.



### Mini satellite accessories

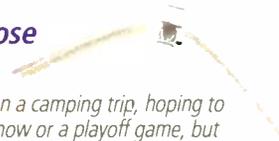
If you already have mini-dish satellite-TV, you'll find all types of replacement and upgrade parts for your DSS or PRIMESTAR system at RadioShack stores and through RadioShack Unlimited.

What do you do when your DSS system is out of warranty and you need a replacement part such as an LNB? Find the part at a RadioShack store or order what you need through RadioShack Unlimited.

RadioShack is also your nearby source of accessories that can be used for DSS, PRIMESTAR and other satellite systems. Find handy products such as A/B selector switches, remote controls and audio/video distribution products; they'll help you get the most out of your satellite system.

### Special-purpose antennas

Ever taken your TV on a camping trip, hoping to catch your favorite show or a playoff game, but ended up with an unwatchable picture... even after messing with twisted hangers and tin foil? Or have you ever gotten frustrated trying to pick up your favorite FM radio station? In situations like these, you need a portable antenna you can rely on—like our affordable mobile TV antennas for RVs, campers and boats; or outdoor FM stereo antennas with ranges of up to 110 miles.\*



### ... and more!

RadioShack has a comprehensive selection of cables, adapters, splitters, amplifiers and more... virtually every part and accessory available for antennas.

Our GOLD-SERIES adapters, cables and splitters feature real heavy-duty 24-karat gold plating to prevent corrosion and substantially reduce signal loss. Why settle for less? For only pennies more than traditional A/V hookups, you can get all the performance your antenna, TV, VCR and home theater components can deliver.

And for all those extras you need but can't find, ask a sales associate about RadioShack Unlimited. In addition to hard-to-find antenna and mini-dish satellite-TV products, RadioShack Unlimited now carries a full selection of full-size "C" band satellite systems and accessories. The comprehensive series of catalogs features thousands of unique products, all available for fast shipment direct to your door.



\*Estimated range, based on reception over flat and open terrain

# We've Got the Right

## DSS® Gives You the Widest Choice: Over 210 Channels Available, at Prices You Can Afford

PRICES START AT ABOUT \$1 A DAY!† Enjoy a huge selection of movies, sports, music and entertainment, delivered with a laserdisc-quality picture and CD-quality stereo sound.



18" wide outdoor mini-dish antenna

OPTIMUS®



RCA



U.S. Satellite Broadcasting

### THE SMALLEST DISH OFFERS THE MOST PROGRAMMING!

- 30 movie channels
- 55 pay-per-view channels
- 43 sports channels
- 31 variety channels
- 5 music video channels
- 31 digital audio channels
- 13 news/info channels
- 8 broadcast network channels (where available)



Programming is supplied by DIRECTV and USSB. Several packages available, starting at \$7.95 per month

### Both systems offer...

- ✓ Laserdisc-quality picture
- ✓ Digital stereo sound
- ✓ An incredibly wide variety of programming options
- ✓ Access to pay-per-view movies, sports and specials
- ✓ Parental channel lockouts
- ✓ Pay-per-view spending limits

### DSS gives you:

- ✓ Access to over 210 channels
- ✓ 18-inch wide dish
- ✓ Do-it-yourself or professional installation (optional)
- ✓ Interactive on-screen program guide
- ✓ You own the equipment—take it with you if you move
- ✓ Multi-room/channel capability (Requires additional equipment)
- ✓ Portable systems available for your RV or vacation home

**New Improved DSS systems.** Like the hot-selling originals, these new Digital Satellite Systems give you the ultimate in TV programming selection and reception quality. Each includes an 18" mini-dish antenna, set-top receiver, easy one-step tuning and VCR programming and a universal remote that also operates most TVs & VCRs.

**Optimus® 5100 DS system.** RadioShack introduces its own Optimus DSS basic system with a metal 18" mini-dish antenna. Includes, on-screen satellite finder that makes installation easy. Signal strength meter lets you get the best picture reception possible for your particular area. On-screen program guide with easy-to-use menus. Quick one-touch recall of 60 of your favorite channels. 8-event timer for VCR recording, plus RF and A/V output jacks for easy hookup to any TV set, VCR and stereo system. **16-2575 . . . . . 299.99**

**Dual-LNB RCA system DS 5450.** Step up to the next generation RCA-brand DSS system. Dual-LNB on the dish allows you to connect to included system receiver plus an additional receiver (below) for independent DSS viewing in another room. Easy-to-use on-screen menu display with icon driven selection guide and personalized viewer profile. New search function lets you keep track of your favorite movies or stars by searching program guide by using up to 8 key words. With additional Home Control accessories, you can even control lights and appliances throughout your home! An imbedded TV antenna in the mini-dish antenna helps to provide reception of local network channels. One-touch VCR recording, S-video, RF and 2 sets of gold-plated A/V outputs. Plus, wide-band & low-speed ports for future DSS system upgrades. **16-2559 . . . . . 499.99**

**Additional DSS receiver.** Provides independent channel selection and viewing in another room. Requires DS 5450 system above. **16-2543 . . . . . 399.99**

See page 139 for do-it-yourself installation kits and accessories

DSS system and programming sold separately. Broadcast networks available only in areas not served by local network affiliates. DIRECTV and DSS are official trademarks of DIRECTV, Inc., a unit of GM Hughes Electronics. RCA and logos of TV programming providers are trademarks of respective companies. **DSS systems and programming not available outside the continental U.S.**

†Including equipment and programming. DSS: \$1 a day based on use of RSVP financing on purchase of DSS equipment and on purchase of programming from DIRECTV or USSB. Installation not included



# Satellite Dish for You!

137

## PRIMESTAR®—Easy to Get. Easy to Watch. It's the Complete Satellite-TV Service with No Dish to Buy!

PRICES START AT ABOUT \$1 A DAY.\* Enjoy a laserdisc-quality picture and CD-quality stereo sound—plus access to up to 160 channels of great programming.

### ALL YOUR FAVORITE CHANNELS IN 10 EASY-TO-FIND CATEGORIES!

- 32 news and information channels
- 8 family channels
- 14 sports channels
- 14 broadcast channels
- 28 music channels
- 9 variety channels
- 16 movie channels
- 7 Spanish channels
- 21 PrimeCinema channels
- 14 living & learning channels

Now with more channels and ten color-coded programming categories for faster, easier selection. With PRIMESTAR, you'll always know exactly where your favorite programs can be found.



27-39" wide outdoor mini-dish antenna

**PRIMESTAR®**

Several programming packages are available starting at the suggested low retail price of \$34.99 per month.\*

### ... much more than cable!

- ✓ Multi-event timers
- ✓ Favorite-channel scan
- ✓ Multiple output options, ideal for Home Theater
- ✓ Full-function remote control
- ✓ Multiple monthly options
- ✓ Multi-room capability

### PRIMESTAR gives you:

- ✓ Access to up to 160 channels
- ✓ One complete service
- ✓ Professional installation
- ✓ Monthly program guide provided at no extra charge
- ✓ No equipment to buy or maintain
- ✓ Multi-room/multi-channel receivers available for lease
- ✓ One low monthly fee includes equipment use, programming, program guide & maintenance

## PRIMESTAR is changing the way America watches TV!

More of what you're looking for. More movies. More sports. More variety. More everything. And it's easy to find.

PRIMESTAR service includes an outdoor mini-dish antenna, set-top receiver, remote, monthly program guide, great programming and maintenance for one low monthly fee. The easy-to-use receiver has handy features like a 5-event timer for recording with your VCR, sleep timer, favorite channel scan, and parental lockouts so YOU decide what the kids watch. And, thanks to digital technology, you'll enjoy a laserdisc-quality picture and digital stereo sound. Why wait? We're ready to arrange PRIMESTAR service for you ASAP!

Service, if needed, is handled by PRIMESTAR. Since you don't buy the equipment, there's no big cash outlay to get started—only a one-time installation fee of \$149.

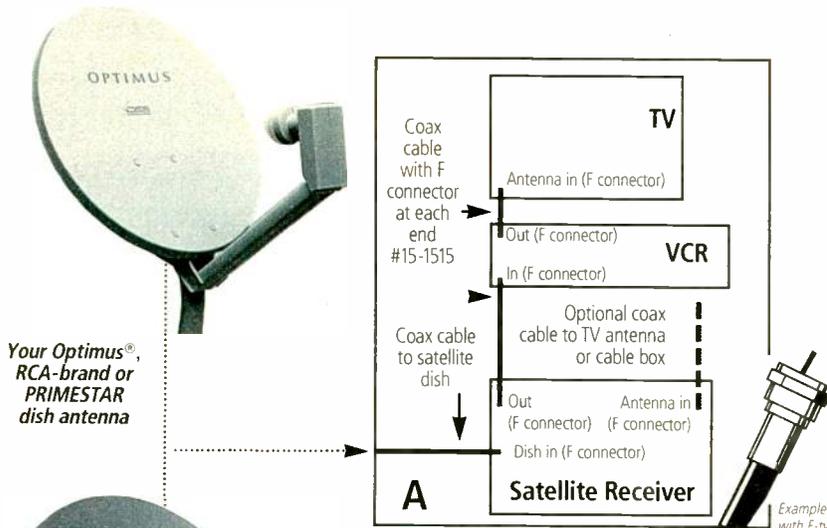
Several programming packages are available, including options that include favorites like HBO and Cinemax. Visit your nearby RadioShack for details.

\* Residential customers only. Prices for monthly service may vary by distributor and territory. Does not include installation or premium channels. Blackout restrictions apply. Broadcast networks available only in areas not served by local network affiliates. Logos of TV programming providers are trademarks of respective companies. \$1 a day based on purchase of selected PRIMESTAR programming. Installation not included. See store for details. PRIMESTAR and PRIMEValue are service marks of PRIMESTAR Partners, L.P. PRIMESTAR service is not available outside the continental U.S.



# We'll Help You Connect Your Satellite System

With a digital satellite system, you get the best selection of TV programming available today—and the best possible picture and sound. Example A, below, is a basic hookup. Examples B and C show how to add stereo sound by making a few additional connections. These are general examples and your TV and/or VCR may require a slightly different hookup. Free expert advice is available at your nearby RadioShack store.



## An easy way to get started

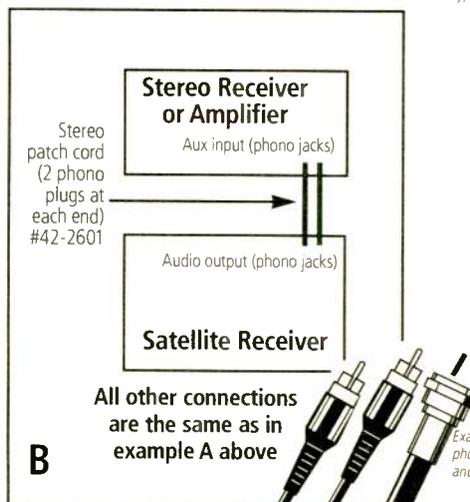
Example A at left shows a satellite receiver, a regular (non-stereo) VCR and a TV. The hookup uses an RF connection (channel 3 or 4) from the satellite receiver to the VCR and TV. The connection to a TV antenna or cable box is optional. You need it only if you want to watch local antenna or cable TV in addition to satellite. With the hookup in example A you can:

1. Watch satellite (or local antenna TV or cable TV if you have it).
2. Record any program you watch and make timer recordings. However, you can not record a satellite program while you watch a program from antenna or cable TV, nor can you record a program from antenna or cable while you watch satellite TV.

This hookup uses coax cables with F-type connectors such as #15-1515—see Fig. 1, page 151. To connect older TVs and/or VCRs with screw-terminal inputs, you might need additional items such as splitters. Our experts will be happy to assist you.

## A simple way to add stereo sound to satellite TV—for as little as \$8.99

The hookup shown in example A does **not** take advantage of the crystal-clear digital stereo sound available from the satellite receiver. Example B shows an easy way to add stereo sound to your system. After hooking up your equipment as shown in Example A, simply connect a stereo patch cord such as #42-2601 (page 119) between the audio output jacks on the satellite receiver and the aux input jacks on your stereo receiver or amplifier. The rest of the hookup remains the same as in example A. You'll hear satellite TV from your stereo's speakers, but the sound from your VCR and antenna or cable TV will come only from the speaker in your TV.

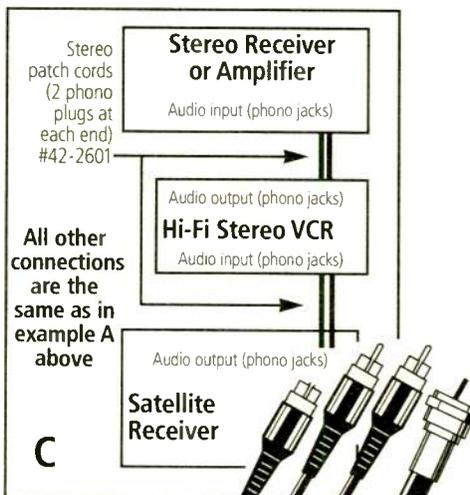


## With a Hi-Fi stereo VCR, you'll be ready to add home-theater sound

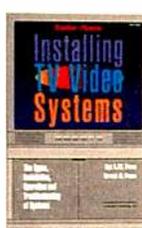
Once you hear the exciting difference stereo sound makes, you'll probably want to hear videocassettes and antenna TV in stereo, too. To do it, you'll need to replace your regular VCR with a Hi-Fi stereo VCR and add another stereo patch cord. With the hookup shown in example C, you'll enjoy stereo sound not only on satellite TV, but also on videocassettes recorded in stereo and antenna TV if the program is broadcast in stereo. All other connections remain the same as in example A.

At this point, your system is very close to being a true home theater! See pages 98-100 for details of what you'll need to add the sensational realism of Dolby Pro Logic surround sound.

**Getting the best possible picture.** If your TV and VCR have video input jacks or S-video connectors, you can get a superior picture by using these connections. A video or S-video hookup can make a big difference—especially on large-screen TVs. For details on video input jacks and S-video connections, ask the experts at RadioShack.



Your Optimus®, RCA-brand or PRIMESTAR dish antenna



**Do-it yourself video installation book.** *Installing TV/Video Systems* gives you valuable tips on mini-dish satellite systems, TV antennas and multi-room installations.

Fully illustrated with specific hookup examples. 128 pages. 62-1393... 7.99



### 4-way surge protection—ideal for satellite or home theater

Protects against destructive surges on (1) the AC power line, (2) the cable from your satellite dish (3) the phone connection to your satellite receiver, and (4) the cable from your antenna or cable TV. Six AC outlets, noise filter, master on/off switch, 6-foot cord. 280 joules. Includes up to \$2,500 Connected Equipment Guarantee. See page 214 for details. **61-2138** . . . 49.99



**RCA DSS® surge protector.** For DSS receiver, TV and DSS phone line connection. Five grounded AC outlets with full surge protection and noise filtration. Surge-protected modular phone jacks. Mounting holes on back. Includes 6-ft. phone cord. 4-ft. power cord. **16-2553** . . . 19.99



### New Optimus® satellite TV installation kit

Includes hardware and full instructions. Simplifies installation of your new Optimus dish antenna. **16-2576** . . . 69.99



### Do-it-yourself DSS® installation kit

Contains all the hardware you need to install a DSS® satellite TV system yourself. Includes step-by-step guide with easy-to-follow instructions which will enable you to set up or relocate your DSS system using only basic household tools. **16-2551** . . . 69.99



### Mount your DSS dish on a chimney

Do-it-yourself kit provides all the hardware needed. Easy-to-follow instructions guide you through the installation step by step. Only basic household tools are needed. **16-2537** . . . 24.99



### For best reception of local TV, get a RadioShack antenna

It's easy to add local broadcast TV to your satellite system. See our antennas on pages 154-157.



### In/outdoor diplexers

Use to combine and separate satellite and antenna-TV signals for delivery on one coax cable. **Pro-grade. 16-2581** . . . 19.99  
**Standard-grade. 16-2580** . . . 12.99  
Avail Oct. 30, 1997



### New RCA-brand universal remote controls

**SAT-1.** Controls DSS receiver, TV, VCR, cable-TV box and laserdisc player. Logically arranged buttons. Add 2 "AAA" batteries. **16-2554** . . . 29.99  
**SAT-2 RF/IR Remote.** As above plus home control, backlit keys, sleep timer. **RSU 11939311** . . . 49.99



## Dish antennas for travel, mobile mounting and extreme winter weather conditions



**Crank-up 18" dish.** Weather-resistant. Perfect for vans, RVs, trailers. Hand crank inside vehicle raises, lowers and positions dish. Includes LNB. **RSU 11666328**, 299.99



**Quick-release 18" DSS antenna and mount.** For trucks, vans, campers, RVs. Designed for quick release from ladders or railings. Includes LNB. **RSU 11666294**, 179.99



### RCA-brand DSS travel kit lets you take satellite TV along

Here's an extra dish you can take almost anywhere—vacations, weekend trips, even to a friend's house. Works with your existing DSS receiver. Includes 18" dish with LNB, mounting bracket, wall mount for an RV or vacation home, 25-ft. hookup cable, hookup tools and a durable travel bag. **RSU 11931698** . . . 199.99



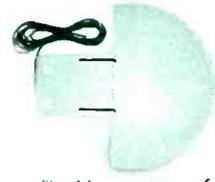
**Portable 18" DSS antenna.** Folds to a 7½"-high package for easy transport. Lightweight (only 10 lbs.) yet sturdy and attractive. Built-in handle. With LNB, 25-ft. cable. **RSU 11666302** . . . 159.99  
**Carrying case for above.** **RSU 11666310** . . . 39.99



**Peel 'n stick heating elements.** Prevent ice and snow buildup on DSS dish. Each includes a 75-ft. hookup cable and power supply. **18"24". RSU 11706017** . . . 79.99  
**For 30". RSU 11938404** . . . 89.99



**Heated DSS antennas.** Eliminate snow or ice buildup. Automatic thermostat control. Single-wire installation. **18" dish. RSU 11706025** . . . 129.99  
**24" dish. RSU 11706033** . . . 149.99  
**18" heated dish with LNB. RSU 11706041** . . . 159.99  
**24" heated dish with LNB. RSU 11706058** . . . 179.99  
**Heated single LNB. RSU 11706066** . . . 99.99  
**Heated dual LNB. RSU 11706074** . . . 139.99



**Dishmate™ add-on antenna for local and network VHF/UHF TV.** High-performance omnidirectional antenna easily attaches to the back of an 18" DSS dish. Rugged and weather-resistant. **RSU 11935426** . . . 79.99



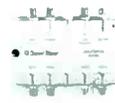
**Ladder-mount DSS dish.** Great for RVs, vans, trailers, trucks. Enjoy satellite TV wherever you travel. Polished stainless steel mount attaches to either ladder or handrail. Includes antenna LNB, 15 feet of cable. **RSU 11666260** . . . 199.99



**Replacement and upgrade LNBs.** Available for fast delivery direct to your door from RadioShack Unlimited.  
**Single LNB. RSU 11453784** . . . 49.99  
**Dual LNB. RSU 11453792** . . . 69.99



**Extra dish with single LNB.** 18-inch replacement dish for RCA DSS systems with single LNB. Durable metallic construction. Easy to set up. **RSU 11453842** . . . 199.99  
**Extra dish with dual LNB. RSU 11453859** . . . 249.99



**Multi-switch/diplexer.** Combines signal from a single or dual-LNB DSS dish and a regular TV antenna for distribution on one coax cable. **RSU 11453834** . . . 149.99



**4-way signal splitter.** Divides a signal for delivery to up to four TV sets or VCRs. **RSU 11453800** . . . 29.99

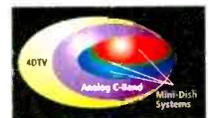
## Big-dish (C and Ku-band) satellite systems are NOT obsolete! In fact, they're now better than ever



**A big-dish satellite system is still an excellent investment.** With a big-dish system you have the ultimate in programming choices—up to 500 channels now with many more on the way. RadioShack Unlimited can supply complete big-dish systems as well as replacement parts and upgrades for existing systems. See our in-store listing for details on 7½-ft and 10-ft. diameter dish antenna kits, feedhorns, LNBs, actuator drives, and more. **NOTE: A 10-foot dish is recommended for best reception in the shaded areas of the map at left.**



**New 4DTV satellite receiver brings you the new digital picture and stereo sound now available for big dish systems—and lots more.** Receives analog "in the clear" (free programming) and scrambled (subscription) channels, plus new big-dish digital signals. Up to 500 channels are now available with more being added. Interactive on-screen program guide makes it easy to select desired programs. Includes universal remote control. **RSU 11938750** . . . 1099.99



## Handheld Color TVs for People on the Go

Portable pocket-size color LCD TVs put exciting television action in the palm of your hand. We've got a great selection, with sizes, features and models to fit any need... and any budget.



### New 2.5" pocket LCD color TV is a great size, great value

You can take it with you, and you can have it all at a great value! It's small, making it portable and convenient, but it also offers a larger screen than most other similarly-sized portable TVs. Rotary volume and brightness controls for adjusting audio and video to your specifications. Listen with built-in speaker, or plug in a pair of earphones for private enjoyment. Rod antenna for improved reception. Requires 4 "AA" batteries or power adapter: AC #273-1664, DC #273-1801. 3<sup>9</sup>/<sub>16</sub>×5<sup>1</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>2</sub>". (TSP)

16-177..... 149.99



### 1.8" LCD active-matrix color TV

Take it anywhere! Active-matrix technology delivers crisp video and looks great from any viewing angle. Precise, one-touch digital tuning. Rotary volume and brightness controls. Telescoping rod antenna

with swivel base. Built-in speaker. Jacks to add earphone for private listening and external antenna. Requires 3 "AA" batteries or adapter: AC #273-1664, DC #273-1801. 4<sup>1</sup>/<sub>8</sub>×2<sup>3</sup>/<sub>16</sub>×1<sup>3</sup>/<sub>16</sub>". (TSP)

16-172..... 179.99



### 2.2" LCD color TV—our lowest priced

Color LCD screen displays a crisp, clear picture. Precise digital tuning seeks out and locks in VHF/UHF channels in your area at the touch of a button. Telescoping rod antenna. Listen with built-in speaker or use the earphone jack for private listening. Requires 4 "AA" batteries or power adapter: AC #273-1664, DC #273-1801 (extra). 5×3<sup>1</sup>/<sub>4</sub>×1<sup>1</sup>/<sub>8</sub>". (TSP) 16-175.... 109.99



### 2.3" pocket LCD color TV for portable entertainment

Don't miss your favorite shows or the latest TV news or sports—take them with you. Digital tuning scans for and locks in VHF/UHF stations at the touch of a button. Rotary volume and brightness controls. Built-in speaker and telescoping rod antenna. Earphone jack. Requires 4 "AA" batteries or power adapter: AC #273-1664, DC #273-1801. 5×3<sup>1</sup>/<sub>4</sub>×1<sup>1</sup>/<sub>8</sub>". (TSP) 16-176..... 119.99



### 2.5"—Our smallest "big-screen" pocket LCD TV

2.5" active-matrix screen delivers a color-rich high-resolution picture from any angle. Precise digital tuning seeks out and locks on to VHF/UHF channels in your area. A/V inputs for use as a camcorder or VCR monitor. Telescoping rod antenna. With built-in speaker and a 1/8" jack to add earphone for private listening. Requires 3 "AA" batteries or power adapter: AC #273-1664, DC #273-1801. 4<sup>1</sup>/<sub>8</sub>×2<sup>3</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>16</sub>". (TSP) 16-173..... 229.99



### 2.5" LCD active matrix TV/radio

A great-looking 2.5" active-matrix screen, plus an AM/FM radio. Precise digital TV tuner scans for active VHF/UHF stations and locks on. Rotary volume and brightness controls. Telescoping rod antenna with swivel base for TV/FM, built-in AM antenna. With built-in 1<sup>1</sup>/<sub>8</sub>" speaker, and earphone jack. Requires 3 "D" batteries or power adapter: AC #273-1664, DC #273-1801 (extra). 4<sup>1</sup>/<sub>16</sub>×4<sup>1</sup>/<sub>16</sub>×2<sup>9</sup>/<sub>16</sub>". (TSP)

16-174..... 259.99



### Get the most out of your pocket TV



#### Portable amplified TV/FM antenna.

Perfect for use with LCD TVs. With UL listed AC adapter. Requires 2 "AA" batteries for portable use.

15-1607..... 24.99

Stand for LCD TVs.

16-1201..... 9.99

Sun Hood for LCD TVs.

16-1202..... 12.99

**RadioShack Unlimited** is the answer if you're looking for electronic accessories or specialty products. Whether you need a replacement part or a product to complement the electronics you already have, we carry it all.

Make your pocket-size TV more versatile by using it as a portable monitor for a camcorder. Get the input cable needed to do this through RadioShack Unlimited.

Visit any RadioShack and order from the RadioShack Unlimited catalog—and your order will be shipped direct to your door.

**Use RadioShack alkaline batteries** for long-lasting, top performance from your pocket TV. Visit your nearby RadioShack or see page 289.

#### TV ACCESSORIES

See Index for these listings.

Batteries • Cases • Headphones • Patch Cords  
Adapters • Antennas

Use RadioShack long-life alkaline batteries in portable TVs for best results—see page 289



# Small Televisions Built for Home and Travel

These TVs are just the right size for your office, kitchen, or car. AC/DC operation makes them perfect for tailgate parties, road trips, camping and more!



## 5" portable color television with A/V inputs

Plays on standard AC, vehicle DC or batteries. The built-in stand lets you tilt the TV for more comfortable viewing. A/V inputs for use as a portable monitor for a camcorder. Inputs also let you hook up a VCR to the set. Earphone jack for private listening. Telescoping antenna receives regular TV broadcasts without an external antenna. For added reception capabilities, the external antenna adapter also lets you connect a standard VHF/UHF antenna or cable wire to the TV. Includes UL listed AC and 12VDC adapters. Also operates on 9 "D" batteries, not included. 7½×6⅞×10½". (TSP) **16-125** ..... **249.99**



## 5" black and white television with AM/FM radio

Enjoy television and AM/FM radio wherever you are. Three-way power operation—plays on home AC, 12VDC or batteries. Fits easily on a night table, shelf or desktop. Telescoping rod antenna. External antenna jack. Includes UL listed AC and 12VDC adapters. Also operates on 9 "D" batteries (extra). 5×8×7⅞". (TSP) **16-124** ..... **99.99**



## 4.5" black and white television with AM/FM radio

Three-way power—plays on home AC, vehicle DC with included cord, or batteries. Fits nicely on table or desktop. Hancy carry handle. Telescoping antenna. Jacks for adding external antenna and earphone. Includes UL listed AC and 12VDC adapters. Also operates on 8 "D" batteries, extra. 6⅜×7⅞×16⅝". (TSP) **16-126** ..... **99.99**



## 7" black and white television with AM/FM radio

Light—less than 6 pounds! Swivel base allows for easy viewing from almost any angle. Two-way power—enjoy TV or radio from home AC or vehicle DC with included cord. Telescoping antenna, jacks for external antenna and earphone. Removable pedestal. Includes UL listed AC and 12VDC adapters. 9⅞×9⅞×9⅞". (TSP) **16-245** ..... **99.99**

### If you can't find the video accessory you need...

Visit your nearby RadioShack or see page 146 for quality video tape and other video accessories.

If you can't find what you're looking for at the store or in the catalog, ask a RadioShack sales associate about RadioShack Unlimited, which offers hard-to-find video accessories and parts for nearly all major manufacturers.

### Fresh batteries work harder

Portable TVs and other high-tech electronics products demand more from your batteries—so always use guaranteed fresh RadioShack alkalines. See page 289 or visit any RadioShack store.



## Our "everything" portable—4.5" TV, radio and cassette with auto-level recording

AM/FM radio, stereo cassette and B&W TV. Dual 4" speakers and stereo headphone jack. Cassette features auto-stop and auto-level recording. Microphone jack. Includes UL listed AC adapter. Also operates on 8 "D" batteries or DC adapter #270-1562. 6⅞×17⅞×5⅞". (TSP) **16-119** ..... **119.99**



## Tag-along 5" black & white television

Perfect on a countertop, mounted under a cabinet, or for taking along in your vehicle. Two-way power—plays on home AC or vehicle DC. Mounts easily under cabinet with included bracket. Slips out of brackets for use elsewhere. Earphone and external antenna jacks. Includes UL listed AC and 12VDC adapters. 5×6⅞×7½". (TSP) **16-130** ..... **79.99**





**New RCA® 27-" stereo monitor-receiver**

**Home Theatre™ Monitor.** Superb picture (660 lines horizontal resolution and Optimum Contrast Screen) meets fantastic sound (SRS Dimensional Realism and 10-watt stereo amp). TV GUIDE Plus+ On-Screen Program Guide lets you view program titles and descriptions. Two separate tuners give you Picture-in-Picture viewing without a hookup to VCR or cable box. Parental Control lets you restrict channels, Commercial Control lets you escape interruptions. 2 sets of A/V outputs, S-VHS input. Universal lighted remote requires 2 "AA" batteries. (TSP) **16-2086 . . . . 599.99**



**Combo 20" TV & 4-head VCR**

**Model 30.** Built-in 4-head VHS VCR delivers a superb picture and special effects. Just pop in a tape for automatic play, rewind, eject and shutoff. Features high-contrast screen, 7-color on-screen display (English/Spanish) for easy VCR programming. Skip search lets you zip past commercials recorded on tapes. Auto Clock Set (most areas), auto daylight saving time, sleep timer, 179-channel tuner, closed captioning. Remote requires 2 "AA" batteries. (TSP) **16-422 . . . . . 499.99**



Available Oct. 30, 1997

**New Combo 13" TV & 4-head VCR**

**Model 32.** Built-in VCR has four heads for a great picture and special effects. Skip search zips past commercials on tapes. Gold-plated front A/V input for easy hookup to camcorder or second VCR. Video game mode softens color/picture to protect eyes. Auto Clock Set (most areas) eliminates flashing "12:00"! Tri-lingual on-screen display for easy programming in English, Spanish or French. 179-channel tuner. Alarm timer, auto shut-off, earphone jack. Remote requires 2 "AA" batteries. (TSP) **16-424 . . . . . 399.99**



**New RCA 20" monitor-receiver**

**ColorTrak Plus™ Stereo.** Optimum Contrast Screen and Automatic Picture Controls deliver a superb picture which seldom needs adjustment. Advanced auto-programming lets you scan up to 181 channels. Broadcast stereo with dbx® noise reduction. SAP decodes the alternate second audio program on some broadcasts. Closed caption capability, multi-language on-screen display, clock, sleep and alarm timers. 5-jack A/V monitor panel. 39-button universal remote requires 2 "AA" batteries. (TSP) **16-292 . . . . 349.99**



**New RCA 13" bedroom TV**

**ColorTrak.** Backlit remote with sleep timer button makes nighttime viewing and setting of functions easy. The programmable timer with an on-screen clock lets you schedule the TV to turn on or off—have it shut off after you drift off to sleep or wake you in the morning. 181-channel tuning capability with advanced autoprogramming for scanning and locking channels into memory. Multi-language on-screen display. Closed caption capability. Remote requires 2 "AA" batteries. (TSP) **16-291 . . . . 249.99**

**Plus TV Wall Mounts**

**Lucasey® TV wall mounts can be shipped fast to you from RadioShack Unlimited!**

With these sturdy, attractive mounts, it's easy to find space for a TV and maximize its visibility. Great for bedroom, den, also restaurants, schools, doctor's waiting room, churches. Big selection available for TV cabinet sizes 8" to 45" wide—single and double-stud wall mounts, ceiling mounts, mounts for concrete walls, plus shelves to mount a VCR below TV. See them all and important "how to measure" info in the RadioShack Unlimited Catalog at RadioShack.

Wall Mount for TV Cabinet Width	Color	Load Limit	Swivel	Tilt	Cat. No.	Price
12" to 17" (shown)	Black	60 lbs.	360°	12°	RSU 10273449	79.99
12" to 17"	White	60 lbs.	360°	12°	RSU 10273456	79.99
17" to 24"	Black	60 lbs.	360°	12°	RSU 10273464	79.99
17" to 24"	White	60 lbs.	360°	12°	RSU 10273472	79.99

Add-on Shelf for VCR Width	Color	Cat. No.	Price
9" to 14" (shown)	Black	RSU 10273365	44.99
14" to 20"	Black	RSU 10273332	44.99

Add-on Shelf for VCR Width	Color	Cat. No.	Price
9" to 14"	White	RSU 10273373	44.99
14" to 20"	White	RSU 10273340	44.99



TV mount and optional VCR shelf. Dozens of styles and colors available! TV and VCR not included.

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4. TV screens are measured diagonally—simulated reception. GUIDE Plus+ is a trademark of Gemstar Development Corp. TV GUIDE is a trademark of TV Guide Financial, Inc. dbx is a registered trademark of Carillon Electronics Corporation.



Commercial Advance lets you skip past recorded commercials

**New VHS Hi-Fi Stereo with Commercial Advance, VCR Plus+**

**Optimus Model 63.** This VCR has it all! 4-head Hi-Fi Stereo VHS VCR with Commercial Advance automatically skips past recorded commercials. Movie Advance locates the beginning of prerecorded movies quickly and easily. Index Search makes it easy to find the start of a program. Auto Clock Set\* resets time automatically, adjusting for power outages, daylight savings time and leap year. VCR Plus+, 179-channel tuner and 1-month/8-event timer. Trilingual on-screen display with English, Spanish or French commands. Slow motion, quick play, still, frame advance, auto repeat, quick rewind. Multi-brand remote. Remote requires 2 "AA" batteries. (TSP) **16-633** ..... **299.99**

**COMMERCIAL ADVANCE.** Electronically marks most commercial segments during recording. The VCR automatically fast-forwards past these segments during playback. For example, 3 minutes of commercials fast-forward in about 10 seconds (in SLP mode).

**4-HEAD VHS HI-FI STEREO.** A must for home theater. Four-head design gives clearer, more stable variable-speed viewing. VHS Hi-Fi stereo connects to your stereo for exciting movie sound you've been missing from surround-encoded rental videotapes.

**PARENTAL LOCK.** Lets you set the VCR to prevent young children from operating it.

**AUTO CLOCK SET.** Automatically sets the time. Eliminates flashing "12:00" after power interruptions.

**VCR Plus+.** Allows you to set your VCR to record a program simply by entering the corresponding VCR Plus+ code, which can be found in most TV listings.



Remote also operates most TVs and cable boxes



**New RCA 4-head Hi-Fi VCR with Commercial Advance, VCR Plus+ and DSS receiver remote**

**RCA VR691HF.** Commercial Advance skips past commercials during playback. Built-in VCR Plus+ programming system has End-Time Adjustment, which adjusts recording length for live events and programs that last longer than expected. Movie Advance locates the beginning of prerecorded movies. Pro-Tect Plus guards pre-programmed VCR against frustrating recording accidents or interruptions from kids. QuickSet Guide is an on-screen guide that makes VCR set-up easier than ever. Auto Clock Set. Universal remote uses 2 "AA" batteries. (TSP) **16-692** . . . **329.99**



Auto Clock Set—no more flashing "12:00"



**New 4-head Hi-Fi Stereo VCR with Auto Clock Set**

**Optimus Model 62.** Auto clock automatically sets the time—no more flashing "12:00". Auto picture enhancer for clear viewing. Quick play, slow motion and frame advance. Skip search—zoom ahead a minute to skip over recorded commercials. Auto zero back resets tape to zero. On-screen menu display in English/Spanish/French. 179-channel tuner. 1-month/8-event timer, front A/V inputs for easy dubbing. Multi-brand remote uses two "AA" batteries. (TSP) **16-632** ..... **279.99**

Optimus VHS and VHS Hi-Fi Stereo VCRs have easy on-screen programming in selectable English, Spanish or French.

\*Auto Clock Set may not be available in all areas. See store for details. Commercial Advance is a trademark of Arthur D. Little Enterprise, Inc., VCR Plus+ is a trademark of Gemstar Development Corp.



**Exciting products for out-of-this-world home theater**

**DVD PLAYER RC5500P.** Plays movies from CD-size discs that offer unsurpassed digital audio & video quality. 5.1-channel Dolby Digital decoder provides a separate full-range signal for each surround speaker plus a subwoofer. Connects to any 5.1-channel amp or receiver for digital surround sound—a more expensive digital receiver isn't needed! (Provides 4-channel sound on 4-channel Dolby Pro Logic receivers.) Plays CDs. S-video output, dual audio/video outputs, universal remote. **RSU 11931649** ..... **699.99**

**DVD PLAYER RC5200P.** (Not shown.) Plays movies from CD-size discs with unsurpassed picture quality! Direct-access infrared remote. **RSU 11931664** ..... **499.99**

**A/V RECEIVER RV3798.** This digital-ready 5.1-channel Dolby Pro Logic Surround A/V receiver has on-screen display and many other features to make it a great home theater component. RCA brand DSS compatible, as well as 5 audio and 3 video inputs. 30 AM/FM presets, RCA universal remote. **RSU 11931680** ..... **399.99**



**DVD is here! Order your favorite titles from RadioShack Unlimited and see why movie watching will never be the same**

Remember hearing your first CD? Get ready, DVD is about to do the same thing for movies! Many of your favorite titles are available now through RadioShack Unlimited—"Jerry Maguire," "Fargo," "Jumanji" and others—plus many more coming soon. At \$25-\$30 they're priced right for collecting and video rental stores will soon begin carrying the new movies. The CD-size discs feature remarkable digital picture and sound unmatched by any consumer video format. Assuming your TV is ready, a DVD can produce a picture with up to 500 lines of resolution. That's more than twice the resolution (or picture quality) of VHS video tape—even more than a laserdisc! The sound is impressive, too, with 6 discrete channels for dynamic home theater surround sound. All this, plus the capacity for multiple formats & soundtracks. Movie fans, DVD is here... and yes, it does live up all to the hype! Find out for yourself when you get the latest DVD titles shipped fast, direct to your door from RadioShack Unlimited. Ask a store associate for details.





**4-head VCR, Commercial Advance® and parental lock**

**Optimus Model 111.** This 4-head VHS VCR is packed with features. Commercial Advance automatically fast-forwards past commercials. Parental lock protects program timer settings from curious little hands. Multi-brand remote with quick rewind, quick play, slow motion and endless auto repeat. Still-frame lets you advance exactly one frame with clean-looking results. Auto zero back resets tape to zero. Auto Clock Set feature sets the time for you. On-screen display in three languages. 1-month/8-event timer, 179-channel tuner. Front A/V inputs allow easy VCR dubbing or camcorder playback. Remote uses 2 "AA" batteries. (TSP) **16-548**..... **249.99**



**ON-SCREEN DISPLAYS.** Prompts on your TV screen that simplify programming and operation.

**MULTI-BRAND REMOTE.** Operates TVs and VCRs by other manufacturers; also controls many cable boxes.

**INDEX SEARCH.** Lets you quickly locate the beginning of a specific recording.

**QUICK REWIND.** Rewinds an entire T-120 tape in approximately 3 minutes.

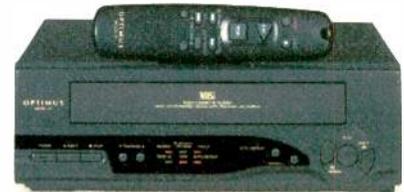
**REAL-TIME TAPE COUNTER.** Displays the actual length of time, in minutes and seconds, that a tape plays or records.



Auto Clock Set—No more flashing "12:00."

**New 4-head VCR with Auto Clock Set\* and auto picture enhancer**

**Optimus Model 113.** Auto Clock Set does what its name implies—even after power outages, Daylight Savings Time and leap year. Auto picture enhancer fine tunes VCR for each tape played, optimizing the picture quality of each and every tape. Auto zero back automatically rewinds tape to zero. 1-minute skip lets you zip past recorded commercials. 1-month/8-event timer for long-term programming. Slow motion, quick play, still and frame advance. 179-channel tuner, 3-language on-screen display. Multi-brand remote uses 2 "AA" batteries. (TSP) **16-550**..... **219.99**



Use it anywhere... even in your vehicle!

**New AC/DC Video Cassette Player**

**Optimus Model 31.** Use it anywhere: home, office, even in your vehicle! Lightweight, easy-to-use design and front-loading feature makes it especially ideal for vans, RVs and campers. Can be connected to your VCR for easy dubbing of home videos. Dew Protection System guards against damage from moisture on tape heads. Remote control uses two "AAA" batteries. Automatic rewind, visual search, freeze-frame and more. (TSP) **16-423**..... **179.99**



**Computer-animated video**

**Dazzle.** Brilliant colors and patterns to dazzle the eye and ear, giving you the full experience of surround sound. Music by John Serrie. For VHS Hi-Fi Stereo. **50-3022**..... **24.99**



Multi-brand remote also operates most TVs and cable boxes.

**New 4-head VCR, Index search, Auto Clock Set**

**Optimus Model 112.** Index search lets you quickly locate the beginning of a specific recording. Auto Clock Set eliminates annoying flashing "12:00" display forever. 1-minute skip lets you zip past recorded commercials. Slow motion, quick play, still, frame advance playback options. Auto zero back and auto picture enhancer. Multi-brand remote uses 2 "AA" batteries. (TSP) **16-549**..... **199.99**

**Quality Video Tape**

For optimum quality you can see and hear, always use RadioShack video tape. For a complete listing of RadioShack recording tape see page 146; or visit your nearby RadioShack.

**RadioShack Unlimited**

And don't forget—RadioShack Unlimited has a wide selection of VCR accessories which can be shipped direct to you. Visit your nearby RadioShack store for such products as head cleaners, cassette rewinders and cassette cases. Just ask a sales associate to assist you with RadioShack Unlimited.

Model No.	Cat. No.	Format	Video Heads	Special Features	Multi-Brand Remote	Front A/V Input Jacks	Index Search	Enhanced Quick Rewind	Real-Time Tape Counter	Price
Optimus 31	16-423	VHS (Player Only)	2	Operates on home AC power or vehicle DC power						<b>179.99</b>
Optimus 112	16-549	VHS	4	Auto Clock Set, 1-minute skip	✓	✓	✓	120x	✓	<b>199.99</b>
Optimus 113	16-550	VHS	4	Auto Clock Set, 1-minute skip	✓	✓	✓	120x	✓	<b>219.99</b>
Optimus 111	16-548	VHS	4	Auto Clock Set, parental lock, commercial advance	✓	✓	✓	120x	✓	<b>249.99</b>
Optimus 62	16-632	VHS Hi-Fi Stereo	4	Auto Clock Set, auto picture enhancer, skip search	✓	✓	✓	150x	✓	<b>279.99</b>
Optimus 63	16-633	VHS Hi-Fi Stereo	4	Commercial Advance, VCR Plus+, Auto Clock Set, Movie Advance	✓	✓	✓	120x	✓	<b>299.99</b>
RCA VR691HF	16-692	VHS Hi-Fi Stereo	4	Commercial Advance, VCR Plus+, child lock, Auto Clock Set	✓	✓	✓	120x	✓	<b>329.99</b>

**VCR ACCESSORIES**

See Index for these listings:

Video Recording Tape and Accessories • Cleaners



Optimus VHS VCRs have easy programming in selectable English, Spanish or French. Auto Clock Set may not be available in all areas. See store for details. Commercial Advance is a trademark of Arthur D. Little Enterprises, Inc.



**RCA**

**New RCA 8mm camcorder with BIG LCD color display**

RCA PROV600. 2.5" LCD color display allows easy viewing while taping or during playback. 16:1 power zoom produces smooth, professional-looking transitions from close-ups to wide-angle shots. You can produce exceptionally clean edits with flying erase head. Full-range auto focus system provides automatic focusing in almost any situation and gives great detail on close-ups. Remote included. (TSP) 16-871..... 649.99



**New RCA VHS-C camcorder with 18:1 power zoom**

RCA CC645. Power zoom makes it easy to get smooth transitions from wide-angle shots to close-ups during recording. Color enhancement light and color viewfinder give you a clear picture during recording and for playback. You can create and record titles on your video with 1-page titler. Auto head cleaner maintains optimum picture clarity. Edit cleanly with flying erase head. Remote included. (TSP) 16-869..... 549.99



**New RCA full-size VHS camcorder with wide-angle lens**

RCA CC433. Look at the big picture! Wide-angle lens lets you record the whole scene. Color viewfinder and built-in color enhancement light give you a realistic picture. 32:1 Zoom Plus system makes it easy to produce smooth transitions from wide-angle shots to close-ups, without losing any of the detail. Full-range auto focus system for automatic focusing and clear playback. 2-line/1-page titler lets you label your recordings. (TSP) 16-868..... 499.99

**More RCA products from RadioShack Unlimited**



**New RCA 8mm camcorder with convenient dual-battery system**

RCA PRO854. Two power sources: 6 "AA" alkaline batteries (extra) or included rechargeable Ni-Cd battery. 16:1 power zoom for smooth, professional-looking transitions from close-ups to wide-angle shots. Get a clear picture with its full-range auto focus system. Flying erase head for clean editing every time. Full-color viewfinder. Wireless remote included. RSU 11931672..... 499.99



**Heavy-duty tripod.** Smooth adjustments, geared column, sturdy frame and locking legs. A must for enthusiasts! RSU 11931631, 59.99



**Full-size case.** Protects and stores any brand, any size camcorder. Soft interior, adjustable dividers. RSU 11931607, 39.99



**8MM/1/2" C" case.** Protects and stores mid-size camcorders. Soft interior, adjustable dividers. RSU 11931623, 39.99



12V, 10,000mAh, portable lead-acid battery pack provides maximum power. RSU 10288926... 89.99

**RadioShack Unlimited can ship hard-to-find camcorder accessories direct to your door!**

Don't waste time at discount chains looking for hard-to-find items for your camcorder... in-store or otherwise, many stores just don't find it cost-effective to carry specialty products at all. At RadioShack, you won't be turned away if you can't find something on our shelves. Our associates can help you find what you need through RadioShack Unlimited. This huge in-store ordering service gives you access to hundreds of video accessories, parts and products for a wide range of needs. With an easy-to-use cross-reference system that matches thousands of manufacturers with products and brand-names, the product availability of RadioShack Unlimited is hard to beat. From high-tech video distribution systems and editing equipment to lens kits, lights and parts for camcorders, RadioShack Unlimited has it and can have it shipped fast, direct to your door. So avoid the phone calls and the trips from store to store and back again — just make one stop at RadioShack and find out how easy it is to find all the electronics products you need!



**Camcorder accessories**

Products to help you get the most enjoyment from your camcorder.



**VHS-C/8mm battery tester.** Shows how much power is left before you start shooting. 22-094..... 12.99



**Soft mini-case.** Protect your camcorder and add extra storage with this tough but lightweight case. Shoulder strap. 16-2012..... 39.99



**Fluid-head tripod.** Weighs only 3 lbs., yet it's extra-sturdy, gives your videos that "pro" look. Geared column. 58" extended, 24 3/4" collapsed. 16-2017..... 49.99



**VHS-C to VHS adapter.** Allows you to play your VHS-C video tapes in your VHS VCR. 16-2031..... 29.99



**15-watt light with bracket.** Powered by camcorder's battery. Fits most camcorders with rear-mounted 6-volt battery. 16-2030..... 29.99



**Wireless camcorder microphone.** Lets you add a professional touch to your video productions. Enjoy convenient, cable-free audio recording from up to 200 feet away. 32-1226..... 69.99



**Don't forget the tape!**

You want quality recording tape that lets you capture all the memories in crisp audio and video detail. So always use RadioShack video tape in your camcorder. We carry a complete selection including 8mm, VHS-C and full-size VHS format tape plus tape cleaners, rewinders and many other useful accessories. See page 146 or visit your nearby RadioShack for these products.



**Spare battery packs.** Don't miss that special moment. With a spare battery you can keep on shooting—use one battery while you're charging another.

- 8mm camcorder battery. 23-215..... 29.99
- High-capacity 8mm battery. 23-216..... 39.99
- 12-volt VHS camcorder battery. 23-183..... 39.99
- 9.6-volt VHS camcorder battery. 23-186..... 39.99
- 12V, 2.3 Ah camcorder battery. 23-187..... 29.99
- 12V, 2 Ah camcorder battery. 23-287..... 29.99



**8mm camcorder battery pack** Fits most 8mm and VHS C camcorders. 6 volts, 3000mAh. 23-316..... 59.99

See page 293 for a more detailed listing of camcorder batteries.





**VHS High-Standard**

T-120. High-density formula. Records up to 6 hours.  
 Each. 44-460 ..... 2.99  
 3-Pack. 44-461 ..... 7.99  
 5-Pack. 44-462 ..... 12.99



**VHS Pro High-Grade**

T-120. Premium fine-particle formulation reduces dropouts while improving detail. Up to 6 hours recording time.  
 44-465 ..... 6.99



**VHS camcorder tape**

T-30. Perfect for taping birthdays or little league games. Premium formulation ensures rich colors and crystal clear audio. Up to 1 1/2 hours recording time. 44-466 ..... 6.99



**High-grade VHS**

For exceptional resolution and color reproduction.  
 T-120. Records up to 6 hours.  
 44-463 ..... 3.99  
 T-160. Records up to 8 hours.  
 44-464 ..... 8.99



**Super VHS**

Multilinear particle construction provides unsurpassed performance. Up to 6 hours recording time.  
 44-467 ..... 12.99



**Beta L-750 cassette**

Delivers quality you'll continue to notice, even after many playbacks. Up to 4 1/2 hours recording time.  
 44-482 ..... 5.99



**8mm High-Grade SUPERTAPE®**

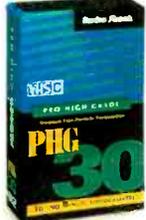
HG-120. High-grade metal coating provides up to a 25% improvement in picture and sound quality over standard tape. Up to 4 hours recording time. 44-474 ..... 8.99  
 HG-30. Up to 1 hour recording time. 44-472 ..... 4.99  
 HG-60. Up to 2 hours recording time. 44-473 ..... 5.99  
 HS-120. Metal-particle formula for excellent clarity. Up to 4 hours recording time. 44-471 ..... 7.99  
 HG-150. Up to 5 hours recording time. 44-476 ..... 10.99



**VHS-C TC-20**  
 Delivers true colors play after play. Up to 1 hour recording time.  
 44-468 ..... 4.99



**VHS-C TC-20 Pro**  
 High-grade tape for camcorders. Up to 1 hour recording time.  
 44-469 ..... 5.99



**VHS-C TC-30 Pro**  
 High-grade tape for master recordings. Up to 1 1/2 hours recording time. 44-470 ... 7.99



**3-pk. VHS tape cases**  
 Helps protect your video cassettes! Sturdy plastic albums help you safely protect and organize your VHS video cassettes. Set of 3. 44-1217 ... 2.99



**New Deluxe VHS winder**  
 Rewinds and fast-forwards at counterbalance-controlled speed to prevent excess tension on tapes. Digital counter, auto-stop, automatic soft-eject.  
 44-1222 ..... 29.99



**New Slim-line VHS rewinder**  
 For all VHS cassettes. Counterbalance-controlled rewinding mechanism protects tapes. Automatic stop, soft eject.  
 44-1223 ..... 19.99



**8mm/VHS-C storage case**  
 Rugged molded storage case stores 12 8mm or 9 VHS-C tapes. It also helps protect your tapes from exposure to dust and moisture. 44-1218 ..... 5.99

**Video Tape & More**

**QUESTION:**

*How often should I clean my VCR? What else can I do to protect it and extend its life?*



**ANSWER:**

*Take these steps: Clean heads with a VCR cleaning kit every 10 hours of play. Cover it with a dust cover when not in use. Reduce motor wear by using a rewinder. And always keep your VCR connected to an AC surge protector.*



**We'll help you get the most from your VCR**



**Bulk eraser**

Fast and efficient. Perfect for video and audio tapes, including metal. UL listed AC.  
 44-233 ..... 36.99



**Relabeling kit**

Ten adhesive label sets. For VHS or Beta tapes. 44-1103 ... 1.99



**Deluxe VCR cover**

Quilted material protects against dust while allowing heat and moisture to escape. 44-1183 ..... 9.99



**VHS video-brush cleaner**

Our best! 30,000 filaments gently clean where others can't reach.  
 44-1203 ..... 16.99



**VHS wet**

Nonabrasive. Cleans tape head, capstans, rollers, guides. With fluid. 44-1213 ... 12.99



**VHS wet/dry**

Fast and effective way to dissolve and remove deposits on VHS tape heads. 44-1143 ... 9.99



**Our best videobrush for VHS-C**

Same as above, for VHS-C camcorders and VCRs.  
 44-1216 ..... 14.99



**Videobrush for 8mm**

Same as above, for 8mm camcorders and VCRs.  
 44-1204 ..... 14.99



Available 10/30/97 Available 10/30/97

# We Put You In Control

## Simple 3-in-1 remote

(1) Buttons are bigger and spaced wider apart so they're easier to see and use. Controls your TV, VCR and cable box. Preprogrammed—easy to set up and use. Requires 2 "AAA" batteries. 15-1915 . . . . . 14.99

## 3-in-1 with channel scan

(2) Scan feature lets you "channel surf" at the touch of a button. Replaces the remotes for your TV, VCR and cable box. Requires 2 "AAA" batteries. 15-1916 . . . . . 19.99

## 4-in-1 with lighted keypad

(3) Light-up keys are easy to read in dim light or darkness—so there's no fumbling for buttons. Simple one-step programming. Controls TV, cable box, VCR and one more component. Requires 4 "AAA" batteries. 15-1911 . . . . . 29.99

## Phone Up 4-in-1 remote

(4) Stop wasting time flipping through all the channels—favorite channel scan previews up to 10 of your most frequently used channels. Easy setup—remote can be programmed over the phone. Keypad lights up for use in a dark or dimly lit room. Powerful signal controls devices from longer distances. Requires 4 "AAA" batteries. 15-1917 . . . . . 29.99

## New Phone Up 6-in-1 remote

(5) The ultimate home theater remote. It controls up to 6 devices—including your TV, VCR, laserdisc, satellite system, cable box, CD player, tape deck, stereo receiver, home automation devices, and more. Easy programming is just a phone call away—even if you want to upgrade your system! Lighted keypad. Requires 4 "AAA" batteries. 15-1918 . . . . . 39.99

## New 6-in-1 for DSS and Plug 'n Power home automation

(6) Controls 6 devices, including DSS and satellite receivers. Plus, it even dims your lights and turns on appliances when used with Plug 'n Power wireless receivers, security systems and appliance control modules (sold separately, see pages 211-213). Lighted keypad. Requires 4 "AAA" batteries. 15-1923 . . . . . 29.99

## New 7-in-1 "smart" remote

(7) Pre-programmed remote *also* learns the codes for the special functions and features of your original remote. Controls TV, VCR, cable box, satellite system and more. Plug 'n Power compatible—lets you turn on household appliances at the touch of a button. Lighted keypad for use at night or in a dark room. Requires 4 "AAA" batteries. 15-1924 . . . . . 44.99

## 6-in-1 room-to-room system

(8) Control all your stereo, video and DSS equipment from one room! The command console relays an RF signal right through the walls of your house to all your components—up to 100 feet away! Controls TV, VCR, DSS and other appliances when you add Plug 'n Power devices. Lighted keypad. Requires 4 "AAA" batteries. 15-1925 . . . . . 79.99

Fig.	# Devices	Lighted	Phone Programmable	Special Features	Cat. No.	Price
1	3			Pocket-sized	15-1915	14.99
2	3			Channel-scan feature	15-1916	19.99
3	4	✓		Light-up keypad	15-1911	29.99
4	4	✓	✓	Setup and programming over the phone	15-1917	29.99
5	6	✓	✓	Extended-range beam	15-1918	39.99
6	6	✓	✓	Controls Plug 'n Power <sup>®</sup> DSS equipment	15-1923	29.99
7	7	✓	✓	Learns codes from original remotes	15-1924	44.99
8	6	✓	✓	Controls through walls, up to 100 ft. away	15-1925	79.99

### We also sell name-brand remotes made by the original manufacturer

When only the original manufacturer's remote will do, come see us. Virtually any name-brand remote is available for fast shipment direct to your door through **RadioShack Unlimited**. We'll even special-order hard-to-find remotes and accessories not currently available. We're here to help!

### Use RadioShack alkaline batteries for all your household power needs

RadioShack alkaline batteries deliver up to seven times the service life of standard batteries. So they are an excellent choice for your remote control—as well as smoke alarms, battery backups and more. See page 289 for more information on RadioShack batteries.





On-screen program guide shows 7 days of TV listings.

**VideoGuide™ on-screen program guide—easy VCR programming plus sports, news, local weather**

Includes 30-day free subscription to all VideoGuide on-screen services! With VideoGuide and a low-cost subscription, you can get complete program descriptions, change channels or program your VCR to record a program with a click of the remote. Works with almost all TVs/VCRs. Was 99.99 in '97 Catalog. (TSP) 15-1980\*, New Low Price! 49.99  
\*May not be available in all areas. Check with your local RadioShack.

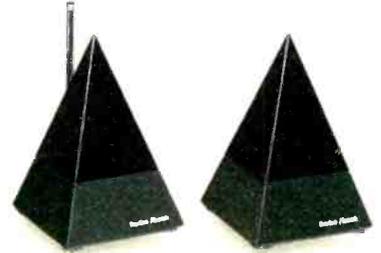


**Now you can make better copies of your camcorder tapes and add sound to them**

Video Enhancer/Stereo Audio Mixer maintains optimum picture quality when you make copies of your home videos. But that's not all—the audio mixer lets you add stereo background music or narration. Maintains picture detail during dubbing—especially useful when making copies of edited tapes or copying tapes made at lower recording speeds. It's easy to connect and simple to operate with slide controls for audio mixing, audio/video inputs, video output and headphone jack. (TSP) 15-1961 . . . . . 59.99

**Take Charge of Your Video**

RadioShack offers you ways to get more from your TV and VCR. Add on-screen program listings, extend the range of your remote control, improve camcorder to VCR dubs, send quality pictures and stereo sound to another room, even eliminate "ghosts" from your screen.



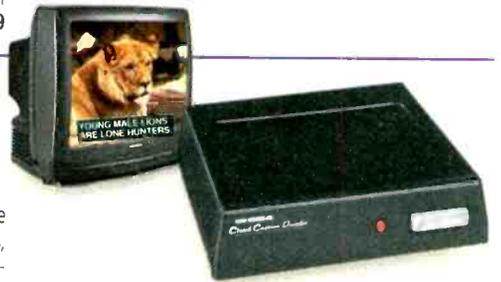
**Control your TV, VCR, satellite receiver or stereo system from another room—without wires**

The Remote Control Extender lets you operate remote-control video or audio equipment from any room in the house, up to 100 feet away. Installs in minutes—just plug transmitter and receiver into AC outlets at desired locations. (TSP) 15-1959 . . . . . 49.99



**New Send video and stereo sound to another room—without wires**

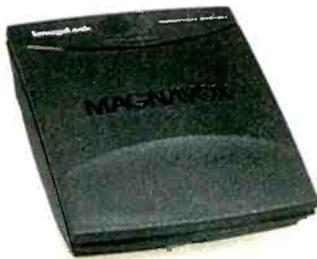
WAVECOM™ Jr. sends the picture and sound from VCR or other video source through walls, floors, or ceilings to a TV in another room, up to 300 ft. away. Installs in minutes. Uses 2.4GHz signal and FM modulation—outperforms wireless AM links that use the crowded 900MHz band. Super-versatile: send music from your stereo to amplified speakers in another room. Or, link your camcorder to your TV for home or business security. 15-1970 . . . . . 179.99



**Add-on closed-caption decoders**

Great for hearing-impaired people. Works on TVs without built-in closed-caption feature. Requires VCR, cable converter, or satellite system for captioning connection. **RSU 11541489** . . . . . 129.99  
As above, but does NOT require VCR, cable converter or satellite system. **RSU 11910924**, 199.99

**More from RadioShack Unlimited**



**New Reduce or eliminate "ghosts" on your TV screen**

Magnavox imageLock™. Now, your TV picture doesn't have to be degraded by multiple images, blurring and color loss caused by multipath distortion. New imageLock technology reduces the vast majority of these difficulties so you can enjoy a picture that's sharp, bright and stable. It's so effective, it's even won an Emmy Award. Works with antenna or cable TV and there are no adjustments to make—simply turn it on or off as needed. Connects to virtually any TV and VCR and installs in seconds with included hookup cables. **RSU 11930542\*** . . . . . 99.99  
\*Requires transmission of GCR signal by broadcast or cable networks. Not available in all areas. Check with local TV stations or cable company.

**New All-in-one package has everything you need to edit your home videos—works with your camcorder and VCR**

Videonics Home Video Producer HVP-2000. Turn your camcorder footage into exciting videos. Video editor lets you quickly remove unwanted scenes. Just press the thumbs-up button to mark what to keep, thumbs down to cut—the rest is automatic. Sound-effects mixer lets you add any of 59 built-in digitized sound effects—from applause to barking dogs. Add music from CD or tape, even narration. Includes mic, speakers, cables, plus a guide to shooting better videos. **RSU 11937174** . . . . . 299.99

**New Add dazzling, professional-looking titles and captions to your home video productions—it's easy!**

Videonics TitleMaker TM-3000. Add full-color titles when you edit or copy tapes from camcorder or other source. Over 200 high-resolution typestyles and sizes. Over a million colors! And 24 special effects, such as fades or wipes. Superimpose titles over video or color backgrounds. Scroll or "crawl" titles on and off screen. Full-size keyboard. 16,000-character memory. Connects between camcorder and VCR or between 2 VCRs. Manufacturer's 2-year limited warranty. **RSU 11937182** . . . . . 799.99



**VIDEO ACCESSORIES**

See Index for these listings.

Adapters, RF/Video • Patch Cords • Remote Controls  
Switches, TV/Video Game • Surge Protectors • Video, Selectors

Items with an **RSU** number are available for fast shipment direct to your door from Radio Shack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4.





**Amplified selector sends TV signals where you want them at the touch of a button**

Switches VHF/UHF-TV signals. Ends swapping cables between signal sources such as VCRs and cable-TV boxes while adding real convenience and versatility. Five input jacks let you connect up to five VHF/UHF signal sources such as a VCR, satellite receiver, TV antenna, cable-TV box, video game or laserdisc player. Three output jacks let you send the signals to any combination of up to three TVs or VCRs—great for multi-component and multi-room systems. With the touch of a button you can select any one of the signal sources for viewing or recording on each TV or VCR. Three built-in amplifiers boost VHF/UHF signals up to 12 dB to eliminate the loss caused by switching and splitting. High isolation design helps ensure that your signal sources do not interfere with one another. The selector has 75-ohm (round) coaxial inputs/outputs. UL listed AC. (TSP) **15-2100 . . . . . 79.99**



**5-input TV signal selector puts an end to cable swapping**

Switches VHF/UHF TV signals. Two banks of pushbuttons let you select from any of up to five sources such as a TV antenna, cable box, VCR, satellite receiver, laserdisc player or video game. Directs desired signal to your TV for viewing and VCR for recording. Five 75-ohm inputs. Two outputs. (TSP) **15-1266 . . . 39.99**



**83-channel remote cable TV converter**

No need to rent a cable box—works with most cable systems. Features scan and direct-entry tuning, previous channel flashback, fine tuning and sleep timer. Does NOT descramble. Remote requires 9V battery. (TSP) **15-1288 . . . . . 99.99**



**Stereo A/V selector lets you switch between four sources**

Switches line-level video and audio signals. Just push a button to choose between any of four line-level sources such as VCRs, a satellite receiver or laserdisc player. Lets you direct desired signal to your VCR, TV or home theater system. Four sets of RCA-jack inputs for video and left/right audio. One line-level video and left/right audio output. (TSP) **15-1956 . . . . . 24.99**

**Switch to RadioShack**

**Our experts will help you choose the right A/V selector**

One type of selector switches VHF/UHF-TV signals (channels 2 through 69) such as from a TV antenna, cable-TV box, video game or the antenna-out jacks of a VCR, satellite receiver or laserdisc player. This type of selector has F connectors and requires 75-ohm coax cables for hookups. (For an example, see Fig. 5, #15-1548, on page 152.)

The other type of selector switches line-level video/audio signals such as those from the video and audio input/output jacks on a VCR, monitor-type TV, satellite receiver or laserdisc player. This type of selector has RCA jacks (phono jacks) and requires shielded patch cords. (For examples, see Figs. 3-4, #15-1504 through #15-1509, on page 151.)



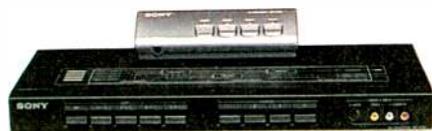
**Amplified stereo A/V selector**

Switches line-level video and audio signals. Lets you push a button to route audio/video signals from any of four sources (VCRs, satellite receiver or laserdisc player) to the audio and video input jacks of a TV and VCR. You can even view one source while recording another. Amplifies the video signal to assure an optimum picture. Four sets of RCA-jack inputs for video and left/right audio. Two line-level outputs. UL listed AC. (TSP) **15-1951 . . . . . 39.99**



**Video A-B switch with remote control**

Switches VHF/UHF-TV signals. No need to get up—switch between two sources with the included remote or your universal remote. Two 75-ohm inputs. One output. Remote requires 2 "AA" batteries. (TSP) **15-1957 . . . . . 39.99**



**Sony stereo A/V switch lets you handle four sources**

SB-V40S. 4 inputs, 1 output. With S-video connector, stereo mini jack and RCA jacks. **RSU 1936333 . . . . . 54.99**

**Sony 4-input A/V switch with S-video jacks and editing feature**

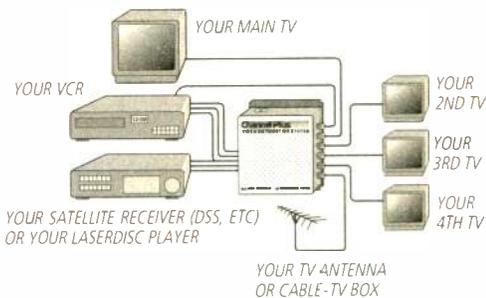
SB-V66S. Push a button to monitor any of 4 audio/video sources. Edit any of three video signals onto one video unit. S-video connections deliver the sharpest picture possible from video sources and TV-based Internet services. 4 inputs, 2 outputs, 1 monitor output. **RSU 1936325 . . . . . 149.99**

**ChannelPlus® lets you watch your TV sources in up to 4 rooms**

Model 3024. Even if your VCR, laserdisc, cable-box and antenna signal are all in one room, now you can enjoy them throughout the house! Imagine the convenience of watching a baseball game on your living room TV while the kids are watching a movie playing on the living room VCR in their bedroom. It's easy—just connect your video sources (such as an antenna or cable and any two additional video sources such as VCRs, satellite or laserdisc) and use ordinary coaxial cable to connect ChannelPlus to up to 4 TVs. Works with any standard TV, VCR, laserdisc or satellite system. Add the optional Infrared Remote Kit (below) and you can control a VCR, satellite or laserdisc player from other connected rooms in the house. **RSU 11580560 . . . . . 249.99**

**RSU 11580578 . . . . . 79.99**

**Additional target. Add to remote kit above to control an additional TV. RSU 11580586 . . . . . 59.99**



**Infrared remote kit. Controls VCR or laserdisc from other rooms with ChannelPlus. Controls two devices and one more TV. RSU 11580578 . . . . . 79.99**

**Theater 2000 system by Cable Electronics delivers MTS stereo sound on any TV**

2000. See diagram at right. Accepts video, mono left or right stereo inputs from VCRs, satellite receivers, laserdisc players and security cameras. MTS signal can be distributed through existing wiring to any TV in your home. **RSU 1932480 . . . . . 379.99**

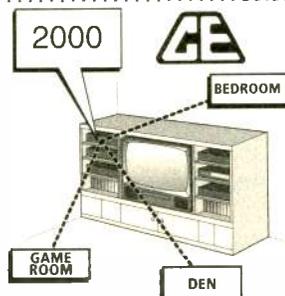
2001. Same as above, but delivers output to VHF channel 3 or 4. **RSU 1932498 . . . . . 299.99**



**On-screen Caller ID unit—see who's calling while you watch TV**

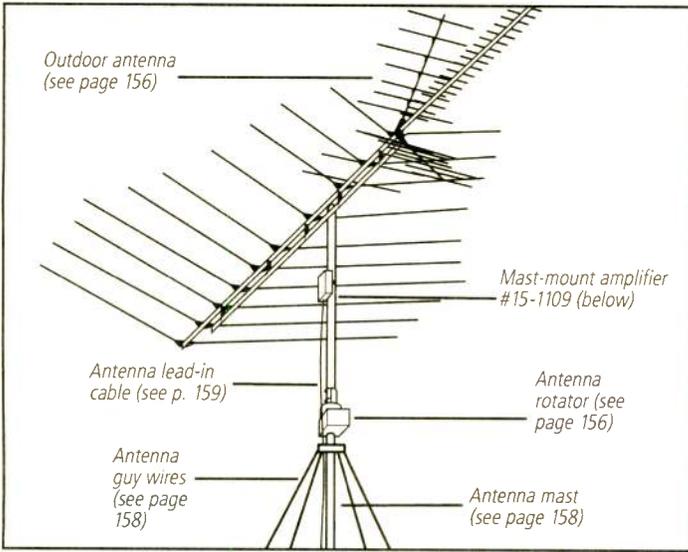
3002. Shows caller's name, number, time and date—right on your TV screen! Simple operation—just press a button to scroll through 32-number call memory. Memory backup in case of accidental power failure. **RSU 1935418 . . . . . 179.99**

3001. Same as above, but requires separate video input source such as VCR, satellite receiver or cable box. **RSU 1932506 . . . . . 149.99**



# Clearer Pictures and Sound Begin at the Antenna

A properly installed outdoor antenna brings you the best TV and FM reception. If an outdoor antenna is impractical, an indoor or attic-mounted antenna is acceptable, although not as effective (see pages 154-155). If you own an outdoor antenna, check its condition — if it is damaged, corroded or more than 10 years old, you should replace it (see page 156). If you live in a "fringe" area far from the stations, a good outdoor antenna plus an **antenna-mounted amplifier** like the ones below are the keys to better reception. These amplifiers are designed to be installed at the antenna, where signals are strongest and an amplifier will do the most good. Each includes a **UL listed** indoor power supply, mounting hardware and instructions.



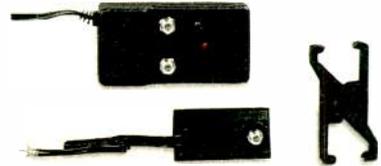
**High-gain antenna-mounted signal amplifier** boosts VHF-TV (channels 2-13), UHF-TV (channels 14-69) and FM up to 30dB. Adjustable gain. Mounts on antenna mast with included hardware. Switchable FM trap cuts FM interference. **15-1109** . . . . . **59.99**



**Antenna-mounted inline UHF signal amplifier** is the one to use if UHF-TV channels are weak and VHF-TV channels are satisfactory. Boosts UHF 20dB. VHF-TV/FM pass through unaffected. **15-1115** . . . . . **29.99**



**Antenna-mounted "bullet" inline signal amplifier** boosts VHF-TV, UHF-TV and FM up to 10dB. Helps overcome signal loss due to splitters and long cable runs. **15-1117** . . . . . **17.99**



**Antenna-mounted signal amplifier** delivers typical gain of 25dB on VHF-TV, 20dB UHF. Gain adjusts within a 10dB range to prevent overloading. Has switchable FM trap to cut interference on TV from strong FM stations and automatic short-circuit protection. **15-1108**, **39.99**

**In weak-signal areas, antenna height is important**

In general, the higher the antenna is mounted, the better it will perform (see our masts on page 158). Also, if the stations are in different directions, an antenna rotator will let you aim your antenna for best reception (see page 156). Unfortunately, there are a few areas where TV and FM signals are so weak that even a large antenna, rotator and high-gain amplifier will not be effective. In that case, a mini-dish satellite-TV system is a great alternative (see pages 136-137).

**When to use an antenna-mounted TV/FM amplifier**

**Antenna-mounted amplifiers** are intended primarily for weak-signal "fringe" areas far from TV/FM stations. They're useful in moderate signal areas, too — if there is a long run (over 100 feet) of cable between the antenna and TV, or if you are using splitters to divide signals to drive several sets. See diagram A, below.

**Quick comparison of antenna-mounted (outdoor) & indoor TV/FM amplifiers**

Amplifier Cat. No.	Installs	VHF-TV/FM (Ch. 2-13)	UHF-TV (Ch. 14-69)	Cable TV	Gain in dB	Number of Outputs	Price
15-1117	At antenna	✓	✓		10	1	17.99
15-1115	At antenna	(Pass-Thru)	✓		20 (UHF)	1	29.99
15-1108	At antenna	✓	✓		10-20	1	39.99
15-1109	At antenna	✓	✓		20-30	1	59.99
15-1118	Indoors	✓		✓	10	1	12.99
15-1116	Indoors	✓		✓	10	2	13.99
15-1119	Indoors	✓		✓	10	4	15.99
15-1113	Indoors	✓	✓		20	1	24.99
15-1112	Indoors	✓		✓	10-20	1	27.99
15-1960	Indoors	✓		✓	10-20	2	29.99
15-1168	Indoors	✓	✓		24	4	34.99
15-1167	Indoors	✓	✓		24	4	44.99

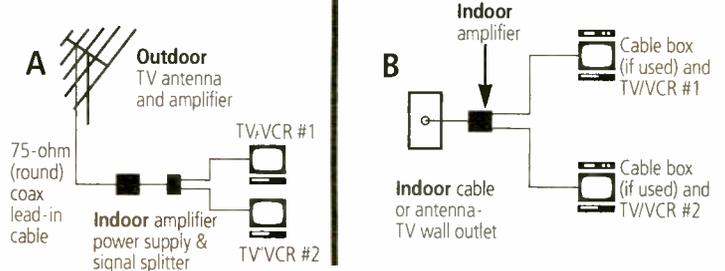
**When to use an indoor TV/FM or cable amplifier**

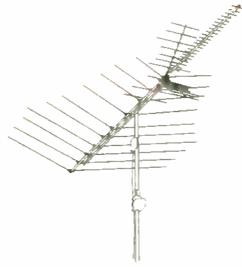
**Indoor amplifiers** (described on the facing page) are best used to compensate for long runs of coax cable indoors and to *distribute* signals to several TVs. Three of our indoor amplifiers, #15-1167, #15-1168 and #15-1113 are designed to boost all VHF and UHF-TV channels 2-69 and FM. Although an antenna-mounted amplifier is best, these indoor amps *can* be used to boost signals from an outdoor or attic-mounted antenna — if the run of cable from the antenna to indoor amplifier is short (less than 100 ft.) and if signals are relatively strong. The other indoor amplifiers — #15-1960, #15-1119, #15-1118, #15-1116 and #15-1112 — are intended primarily to boost cable-TV or other VHF signals and distribute them to other rooms. See diagram B, below.

**All amplifiers require 75-ohm (round) coax cable and connections.** The amount of amplification provided by an amplifier is stated in decibels (dB). The higher the number, the greater the amount of amplification.

**For more information on amplifiers and antennas and how to connect them, ask the experts at your nearby RadioShack store.**

**Typical installations:**





The handy installation book at left includes examples to help you do it yourself and save money.

## Indoor Amplifiers

When you divide (split) the signal from an antenna or cable-TV outlet to connect more than one TV or VCR, the signal strength is divided, too. All these easy-to-install amplifiers compensate for the division and assure that strong signals reach every room. All except #15-1104 have 75-ohm (round) connectors for input and output and require 75-ohm (round) coax cable. For a quick comparison of features, see chart at lower left of facing page.

### Do-it-yourself video installation book

**Installing TV Video Systems** answers your questions with easy-to-understand illustrations along with specific hookup examples and techniques. It even shows you the best way to install wiring inside interior walls. Topics include apartment and home installations, mini-dish satellite TV systems, problem-solving and more. 128 pages. 62-1393 ..... 7.99



**IMPORTANT:** For best performance, unused outputs on all signal or distribution amplifiers should be properly terminated. See Terminating Resistors, #15-1144, on page 153, lower right.

**New** 4-way distribution amplifier with remote power supply. Boosts VHF/UHF-TV (channels 2-69) and FM from an outdoor antenna, or cable TV. Distributes signals to up to 4 TVs/VCRs. 24dB gain. Amp can be located in a central location such as an attic. UL-listed power supply plugs into AC outlet near TV/VCR. 15-1167 ..... 44.99

**New** As above but not remote powered. 15-1168 ..... 34.99  
VHF/UHF/FM amplifier with single output. 15-1113 ..... 24.99

**Amplifier for indoor antenna.** Converts indoor antenna into an amplified antenna. 10dB boost on VHF/UHF-TV/FM. 300-ohm screw-terminal connections. With UL listed AC adapter. 15-1104 ..... 19.99



**Audio/video distribution amplifier** lets you feed the video and audio signals (stereo or mono) from a VCR or other source to as many as three other VCRs or TV monitors. Great for multi-VCR or camcorder-to-VCR dubbing setups. UL listed AC. 15-1103, 29.99



**Audio/video dubbing kit.** Includes everything needed to connect most camcorders to a VCR or connect one VCR to another. Two 6-ft. cables with phono plugs at each end plus two F-to-phono jack and two 1/8" plug-to-phono jack adapters. 15-1525 ..... 6.99

**New "Gold" TV/phone wall plate.** Great for mini-dish satellite TV. Fits electrical wall-outlet box. F connector and modular phone jack are gold-plated to assure long-term reliability. 15-2034 ..... 6.99



**70-channel 2-way distribution amplifier** boosts cable-TV or other VHF signals for distribution to two cable boxes, TVs/VCRs or FM receivers. Does not amplify UHF-TV. Compensates for long cable runs. Adjustable gain: 10-20dB. 50-500MHz. UL listed AC. 15-1960 ..... 29.99  
As above but with single output 15-1112 ..... 27.99



**4-way distribution amplifier** boosts cable-TV or other VHF signals 10dB for distribution to up to four cable boxes, TVs/VCRs or FM receivers. Does not amplify UHF-TV (channels 14-69). Compensates for long cable runs. 50-400MHz. UL listed AC. 15-1119 ..... 15.99  
With two outputs. 15-1116 ..... 13.99  
With single output. 15-1118 ..... 12.99

### Cords, adapters, splitters, A/B switches and more

Go with the best! Figs. 1-15 have 24K GOLD-PLATED connectors for maximum signal transfer & reliability

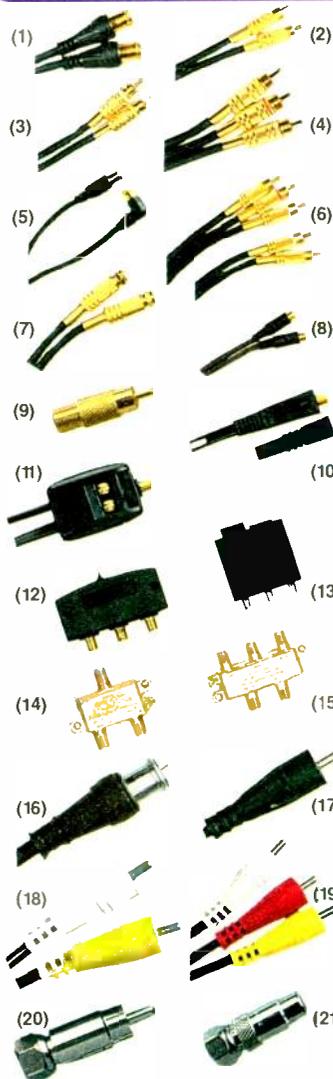


Fig.	Length	Connector Type	Cat. No.	Each
1	3 feet	RF cable with a push-type F connector at each end	15-1515	3.99
	6 feet		15-1516	4.49
	12 feet		15-1517	4.99
2	3 feet	Single cable with one RCA phono plug at each end	15-1518	4.99
	6 feet		15-1519	5.99
	12 feet		15-1520	7.99
3	3 feet	Audio/video cables with two RCA phono plugs at each end	15-1504	8.99
	6 feet		15-1505	10.99
	12 feet		15-1506	13.99
4	3 feet	Stereo audio/video cables with three RCA phono plugs at each end	15-1507	10.99
	6 feet		15-1508	12.99
	12 feet		15-1509	16.99
5	3 feet	RF cable. Right-angle push-type F connector at one end, straight push-type F at the other	15-1513	3.99
	6 feet		15-1514	4.49
6	6 feet	VCR dubbing set—stereo to mono. Three RCA plugs at one end, two at the other	15-1521	9.99
7	3 feet	RG6 coax cable with screw-on F connector at each end	15-1541	6.99
	6 feet		15-1542	7.99
	12 feet		15-1543	9.99
8	6 feet	S-video cable	15-1510	13.99
	12 feet		15-1503	17.99
9		Plug adapter. Female F connector to phono plug	278-290	2.49
			Non-gold-plated version of 278-290 (not shown)	278-252
10		Indoor/outdoor 75 to 300-ohm matching transformer	15-1230	3.99
11		Splitter. 75-ohm (coax cable) input, one 75-ohm and two 300-ohm (screw-terminal) outputs	15-1231	6.99
12		High-isolation mini A/B slide switch	15-1232	6.99
13		High-isolation standard-size pushbutton A/B switch	15-1233	7.99
14		2-way hybrid splitter. 75-ohm input, two 75-ohm outputs	15-1234	4.99
15		4-way hybrid splitter. 75-ohm input, four 75-ohm outputs	15-1235	7.99

### Standard cables, connectors and adapters

Fig.	Description	Cat. No.	Price	
16	2-foot coax cable with push-on F at each end	15-1533	2.69	
17	2-foot cable with one phono plug at each end	15-1538	2.99	
		6-foot cable. One phono plug at each end	15-1535	3.99
		24-foot cable with one phono plug at each end	15-1539	4.99
18	24-foot A/V cable. Two phono plugs at each end	15-1540	8.99	
19	6-foot stereo A/V cable. 3 phono plugs at each end	15-1537	6.99	
		12-foot stereo A/V cable. 3 phono at plugs each end	15-1512	8.99
20	Adapter. Male F connector to phono plug	278-253	1.99	
21	Adapter. Male F connector to phono jack	278-255	1.99	

Don't see it here? Check our in-store RadioShack Unlimited catalog for those unique and hard-to-find parts and accessories



# We'll Help You Hook it up Right



## Antenna installation is easy with the right cable & hardware

(1) 300-ohm (flat) twin-lead cable. Two 20-gauge stranded copper conductors enclosed by low-loss foam insulation and heavy-duty polyethylene outer jacket.

50 feet. 15-1174 ..... 5.99  
100 feet. 15-1175 ..... 9.99

(2) Economy 300-ohm (flat) cable. Lighter weight than fig. 1. Indoor use only. 40 feet. Brown. 15-004 ..... 2.49  
40 feet. Clear. 15-1158 ..... 2.49

50 feet standard 300-ohm (flat) cable. For indoor/attic installation. 15-1153 ..... 3.59

(3) 8-foot 300-ohm (flat) cable. 15-1532 ..... 2.49

(4) Ready-to-use 75-ohm (round) foam coax cable assemblies. F connector installed at each end. 50 feet. 15-1526 ..... 9.99  
100 feet. 15-1527 ..... 15.99

(5) Ready-to-use premium RG/6 75-ohm (round) coax cable assemblies. For indoor/outdoor use and direct burial. Great for mini-dish satellite, outdoor TV antenna or cable-TV hookups. Weatherproof silicon-filled F connector at each end.

50 feet. 15-1548 ..... 14.99  
100 feet. 15-1549 ..... 19.99

(6) "Wall-thru" lead-in tube. Installs in walls up to 13" thick. 15-1200 ..... 2.79

(7) UL listed 8-foot ground rod and clamp. Copper plated. 15-529 ..... 16.99

(8) Economy 4-ft. ground rod. 15-530 ..... 8.99

(9) Aluminum ground wire. Helps prevent potentially damaging static electricity buildup in rooftop antennas. 40 feet. 8 gauge. Use with ground rod (fig. 7). 15-035 ..... 3.99

(10) TV/FM antenna clips. Provide instant connection and disconnection of 300-ohm lead-in to screw terminals on TV set or VCR. 15-832 ..... Set of 2/1.49

(11) Coax nail-in clips. Secure RG58 or RG59 (round) cables to outside wood or interior baseboards. Black. 278-1660 ..... Set of 10/99¢  
White. 278-1659 ..... Set of 10/99¢

(12) Coax feedthrough bushing. For professional looking entry/exit of coax (round) cable through walls. For RG59 cable. 278-1643 ..... Pkg. of 2/99¢  
For RG6 cable. 278-1644 ..... Pkg. of 2/99¢

(13) Grounding block. Helps prevent static electricity buildup in 75-ohm (round) coax cable antenna lead-in. Use with ground rod (fig. 7). 15-909 ..... 2.99

## Automatic TV/video game switch

Switches to video game automatically when you turn game on. Accepts RCA plug from video game. Provides 75-ohm (round cable) input and output for antenna, TV or VCR. 15-1267 ..... 8.99

TV/video game switches. Flip a switch instead of unplugging cables! Both have RCA jacks to accept game's cord plus connectors to accept 75-ohm or 300-ohm cable from antenna, cable box or VCR.

With built-in signal splitter. Separate VHF and UHF outputs for TV. UHF: 300-ohm. VHF: 75-ohm. 15-1268 ..... 6.99

With single 300-ohm output for TV. Accepts 75-ohm or 300-ohm input from TV antenna or VCR. 15-1269 ..... 4.99

Two-set indoor/outdoor splitter/coupler. Splits single 300-ohm (flat wire) lead-in to two TVs/VCRs. Reversible—can also be used to combine signals from separate VHF and UHF antennas. 15-1135 ..... 3.99



## Private TV listener

(14) Listen at any volume without disturbing others. Just plug into 1/8" headphone jack on TV. Includes ear-telephone, remote volume control, 15-ft. cord. 15-587 ..... 4.49

## Wall plates add a "pro" look to your installation

All fit standard empty electrical wall box. Gold-plated connectors assure reliable hookups and maximum signal transfer.

(15) White wall plate with gold-plated F connector. Accepts 75-ohm cable with F connectors for hookup between wall and TV/VCR. 15-2031 ..... 4.99

(16) White wall plate with gold-plated F connector and a 5-wire outlet for antenna rotator. Includes plug for rotator hookup. 15-2030 ..... 5.99

(17) White wall plate with gold-plated F connector and a modular phone jack. Great for mini-dish satellite TV hookups. 15-2034 ..... 6.99

(18) Woodgrain wall plate with gold-plated F connector. 15-2033 ..... 4.99

(19) White wall plate with two gold-plated F connectors. 15-2032 ..... 5.99

(20) Wall plate for 300-ohm (flat wire) antenna hookup. Includes plug for 300-ohm (flat) antenna wire. 15-1186 ..... 2.99

(21) Plug and socket for 300-ohm (flat wire) hookups. Ideal for splicing and extending a 300-ohm (flat) antenna cable indoors. 15-1198 ..... Set 1.99

## No need to drill holes in the wall! Now you can send satellite TV signals through single or double-pane window glass



So easy! Self-adhesive—just attach outside and inside components to window. Bidirectional—also passes power and control voltages from satellite receiver through glass to mini-dish. F connectors.

For single-pane windows. RSU 11916319 ..... 69.99  
For double-pane windows. RSU 11916327 ..... 89.99  
Replacement gaskets. RSU 11916335 ..... 19.99



## TV/VCR problem solvers

- (1) RF interference filter. Cuts CB/Ham interference. This 54-900MHz high-pass filter installs inline at the 75-ohm (F connector) input jack on TV or VCR. 15-579 . . . . . 4.49
- (2) FM trap. Cuts "herringbone" interference on TV screen caused by strong FM signals. 75-ohm (F connector) input and output. 15-577 . . . . . 3.99
- (3) 75-ohm attenuator. Adjusts to eliminate picture distortion caused by signals that are too strong. 75-ohm (F connector) input and output. 15-578 . . . . . 6.49

## Splitters/combiners, matchers

- (4) VCR-to-TV combiner/splitter. Connects TV with single 75-ohm (F connector) input jack to a VCR that has separate 75-ohm VHF and 300-ohm (screw-terminal) UHF outputs. 15-1295 . . . . . 3.49
- (5) VCR-to-TV combiner/splitter. Connects a VCR with single 75-ohm VHF/UHF (F connector) output jack to an older TV that has separate screw terminals for VHF and UHF inputs. 15-1297 . . . . . 3.69
- (6) Hybrid splitter/combiner. Splits 75-ohm (round) coax cable to two 75-ohm outputs. 15-1141 . . . . . 3.99
- (7) Four-set hybrid splitter. Same function as Fig. 6 but with four 75-ohm outputs. 15-1142 . . . . . 6.99
- (8) Matching transformer. Connects 300-ohm (flat) antenna wire to 75-ohm (F connector) input. 15-1253 . . . 2.99
- (9) Transformer/splitter. 75-ohm input. Three 300-ohm (screw-terminal) outputs. 15-1139 . . . . . 4.99
- (10) Signal splitter. 75-ohm input. Two 75-ohm VHF/UHF outputs. 15-1293 . . . . . 4.99
- (11) Indoor/outdoor matching transformer. Matches 300-ohm screw terminals on antenna to 75-ohm (round) coax cable downlead. Reversible. 15-1140 . . . . . 2.99
- (12) Antenna-mount matching transformer. As above but clips to antenna boom. 15-1143 . . . . . 3.99
- (13) Splitter with 75-ohm (F connector) input. One 75-ohm (F connector) output for VHF. Two 300-ohm outputs (flat wire/screw terminals) for UHF TV & FM. 15-1252, 4.99
- (14) Splitter with 6-ft. input cable and F connector. 75-ohm input. Three 300-ohm outputs (flat wire/screw terminals) for VHF-TV, UHF-TV, FM. 15-1524 . . . . . 5.99
- (15) Splitter with 300-ohm (screw terminal) input. 75-ohm output for VHF. Two 300-ohm outputs (flat wire and screw terminals) for UHF-TV and FM. 15-1251 . . . . . 4.99
- (16) Splitter with 6-ft. input cable and F connector. 75-ohm input. 75-ohm (F connector) and 300-ohm (flat wire) outputs. 15-1522 . . . . . 4.99

## Coax cable and adapters

Fig	Description	Connectors	Cat. No.	Each
17	Mini-TV antenna cable, 6 Ft.	1/8" plug to F plug	15-1511	4.99
18	75-ohm coax, 16 ft. white	F plug at each end	15-1531	4.99
—	75-ohm coax, 25 ft. white	F plug at each end	15-1534	6.49
19	75-ohm coax, 8 ft	F plug to Motorola	15-1528	3.99
20	75-ohm coax, 8 ft.	Push-on F each end	15-1530	3.59
—	75-ohm coax, 4 ft.	Push-on F each end	15-1529	2.79
21	75-ohm coax, 6 ft.	Push-on F each end	15-1536	2.99
22	Gold-plated F-81 cable coupler	F jack to F jack	278-304	1.79
—	F-81 cable coupler	F jack to F jack	278-213	.99
23	Gold-plated push-on F adapter	F jack to F plug	278-291	1.99
—	Push-on adapter	F jack to F plug	278-218	1.49
24	Gold-plated right-angle adapter	F jack to F plug	278-305	2.49
—	Right angle adapter	F jack to F plug	278-221	1.79
25	Coupler	F plug to F plug	278-219	1.49
26	Adapter	F jack to 1/8" plug	278-257	2.19
27	300 to 75-ohm adapter	Screw terminals to 1/8" plug	15-1148	1.49

## 24K GOLD PLATED for reliability and superior connections

- (28) Indoor/outdoor matching transformer. Connects 300-ohm screw terminals on antenna or TV to F connector on 75-ohm (round) coax cable lead-in. 15-1230 . . . . . 3.99
  - (29) Signal splitter. 75-ohm (F connector) input & VHF output. 300-ohm (screw terminals and flat wire) outputs for UHF-TV and FM. 15-1231 . . . 6.99
  - (30) High-isolation mini A/B slide switch. High isolation helps prevent interference from signal or component not selected. Has three 75-ohm F connectors. Reversible. 15-1232 . . . . . 6.99
  - (31) High-isolation A/B pushbutton switch. 15-1233 . . . . . 7.99
  - (32) 2-way splitter/combiner. 75-ohm input. Two 75-ohm outputs. With ground connection. 15-1234 . . . 4.99
  - (33) 4-way splitter. Same as Fig. 32 but with four outputs. 15-1235 . . 7.99
  - (34) **New** Professional diplexer splitter/combiner for satellite TV. Use a single coax lead-in for both satellite and antenna TV. 16-2581 . . . 19.99
- Standard diplexer. 16-2580 . . . 12.99**
- See page 139 for full description of diplexers*
- (35) Wall plate. Gold-plated F connector and modular phone jack. Great for satellite TV. 15-2034 . . . . . 6.99
- More wall plates on page 152*
- (36) Mini A/B slide switch. 75-ohm (F connectors). Two inputs and one output. 15-1247 . . . . . 4.99
  - (37) A/B pushbutton switch. High isolation prevents interference from signal or component not selected. 15-1249, 6.99
  - (38) A/B/C pushbutton switch. Like #15-1249 but lets you select from three inputs. Reversible. 15-1248 . . . . . 10.99
  - (39) Terminating resistors. Fit unused 75-ohm outputs on signal or distribution amps or splitters. Help prevent "ghosts" and signal loss caused by unterminated outputs. 15-1144 . . . . . Pkg. of 2/1.29
  - (40) Inline 75-ohm DC block. Protects TV or VCR input by blocking out DC voltage used to power a remote signal amplifier. 15-1259 . . . . . 1.49
- Inline 75-ohm 6dB attenuators.**
- (41) F jack to jack. 15-1257 . . . . . 2.29
  - (42) F jack to plug. 15-1258 . . . . . 2.29
  - (43) Video RF modulator. Lets you use a TV as a monitor for video cameras, video processors and some computers. Converts line-level video to TV channel 3 or 4. 15-1283 . . . . . 29.99
  - (44) AC line filter. Eliminates or reduces interference produced by appliances and conducted through house wiring. Just plug into grounded (3-prong) AC outlet. UL listed. 15-1111 . . . . . 12.99
  - (45) Antenna and video source signal combiner. Combines the signal from a TV antenna and the signal from a satellite receiver, cable box, VCR, etc. into one cable. Lets you select the video source on channel 3 or 4 using your TV's tuner. 15-1299 . . . . . 19.99

*Don't see it here? Check our in-store RadioShack Unlimited catalog for those unique and hard-to-find parts and accessories.*

**Hints to help you make the right selection.** F jacks are the antenna/VCR input and output jacks found on most newer TVs and VCRs. F connectors are the twist-on or push-on plugs at the ends of 75-ohm (round) coax cables. Many older TVs and VCRs have screw terminals to accept 300-ohm twin-lead (flat) cable for UHF-TV channels 14-69





### High-gain amplified TV/FM

**Color Supreme 200.** Up to 20dB boost. Normal/boost switch prevents overloading. 12-position fine-tuning control. Rotary control steers elements. 3-foot, 75-ohm output cable plus 300-ohm terminals for flat-wire cable. Includes UL listed AC adapter. **15-1831 . . . 59.99**



### Amplified TV/FM with fine-tuning

**Color Supreme 210.** Boosts signals 12dB. Normal/boost switch prevents overloading. Has 12-position fine-tuning. Rotary control positions rod and dish. Color-coded 300-ohm flat-wire leads plus 75-ohm terminal. With AC adapter. **15-1834 . . . 49.99**

### New Designer-style wall-mount amplified VHF/UHF antenna—42dB

Easy-to-install vertical wall mount amplified antenna. Discreet—mount it behind curtains, alongside molding, paint it, even wallpaper over it! Super high gain—42dB boost. Omnidirectional means no adjustments ever needed. Ultra-thin 75-ohm coax cable; 2 AC adapter-mounted F connectors. **15-1845 . . . 99.99**



### Amplified TV/FM for wall or set-top

**Color Supreme 170.** Boosts signal by up to 10dB. Mounts on wall with included hardware. Normal/boost switch prevents signal overload. 12-position fine-tuning control. 3-foot, 75-ohm cable. With UL listed AC adapter. **15-1828 . . . 39.99**



### Rotatable TV/FM with fine-tuning

**Color Supreme 150.** Rotary control allows you to position VHF and UHF elements without turning the base. 12-position fine-tuning control lets you dial a better picture. Color-coded 300-ohm flat-wire leads. **15-1826 . . . 29.99**



### Amplified with high/low gain

**ATV-1000.** Boosts signal by up to 15dB for better TV and FM reception. High/low gain switch prevents overloading. 12-position fine-tuning control. 75-ohm leads. Includes AC adapter. **15-1838 . . . 29.99**



### Fine-tuning and UHF reflector panel

**TV-510.** 12-position fine-tuning control helps eliminate "ghosts" and graininess. UHF reflector tilts and swivels for best picture. Has both 75-ohm coax and 300-ohm flat-wire terminals. **15-1837 . . . 24.99**



### Rotatable TV/FM with fine-tuning control

**Color Supreme 100.** Rotary control positions VHF and UHF elements without turning the base. 12-position fine-tuning control. 75-ohm coax and 300-ohm flat-wire terminals. **15-1825 . . . 24.99**



### Compact TV/FM with fine-tuning

**Color Eagle 210.** 12-position fine-tuning control to precisely tune antenna and help eliminate "ghosts" and graininess. 75-ohm coax output and 300-ohm flat-wire leads. **15-1836 . . . 19.99**

## Improve Your Reception

We have a big selection of indoor antennas to help you enjoy better TV and FM reception anywhere an outdoor antenna is impractical or unnecessary.

### QUESTION:

What should I consider when selecting an indoor antenna?



### ANSWER:

There are several considerations in choosing an indoor antenna—some of which may be more important to you than others.

One is your location. Consider an amplified antenna to improve reception in "fringe" areas or crowded urban areas where signals can reflect off surrounding buildings. We have amplified antennas for both set-top and wall-mounting.

Also consider the type of hookup you need. Some of our indoor antennas feature 75-ohm (round coaxial) cable for connection to cable-ready TVs and VCRs. Others have 300-ohm (flat-wire) leads for hookup to VHF and UHF antenna screw-terminals. Many also feature both types of connectors. (See chart on next page.)

Any questions? Stop by your local RadioShack and check out our easy-to-understand book on antennas: **Selecting and Installing Antennas** (below). Plus, you'll find our store associates are always ready with helpful advice and answers.

### Selecting and Installing Antennas Instruction Book

Tells you how antennas work and how to choose the one that's right for you. Covers TV, FM, satellite, CB, cellular and shortwave. Easy-to-read text, helpful illustrations. **62-1083 . . . 6.99**

**Want More in Antennas and Accessories?** Through RadioShack Unlimited, our large in-store catalog, you'll find unique and hard-to-find items of every description. We also carry the accessories you need to get the very most out of your personal and home electronics. Stop by RadioShack and check out the huge selection available through RadioShack Unlimited—we can even have items shipped direct to your door.



### Wall-mountable TV/FM with fine-tuning

**Color Eagle 100.** Adjustable UHF elements and 12-position fine-tuning control help cut "ghosts" and graininess. Can be wall-mounted with the included bracket. Color-coded 300-ohm leads. **15-1808 . . . 19.99**

**New Wall mount amplified AM/FM**

Our best indoor AM/FM antenna. Super high gain—up to 42dB. Omnidirectional means no adjustments ever needed. Paint, wallpaper or hide behind drapes. Ultra thin 75 ohm cable. 2 female connectors.

15-1846 ..... 79.99



**Portable TV/FM amplified**

Boost/normal switch helps prevent signal overloading. Built-in amp boosts TV and FM signals. With UL listed AC adapter. Amplifier requires 2 "AA" batteries for portable use.

15-1607 ..... 24.99



**Amplified FM with AM**

Compact and effective. Low-noise FM amplifier has gain control for best reception. Easily positioned for best AM. Includes UL listed AC adapter and matching transformer.

15-1832 ..... 39.99



**FM amplified antenna**

Low-noise, high-gain FM amplifier boosts FM signals. Fine-tuning control. High/low gain switch prevents overloading on strong signals. 75-ohm output. UL listed AC adapter.

15-1833 ..... 29.99



**FM antenna with phasing**

Improves the performance of any stereo FM receiver or FM radio that has antenna terminals. Phasing control helps reduce multipath distortion. Delivers stronger signal than built-ins. 300-ohm output.

15-1823 ..... 12.99



**Dipole FM antenna**

Easily connects to any FM receiver or radio that has screw terminals for external antenna. 58" element.

42-2385 ..... 2.99

**TV reception problem solvers!**



**Adjustable UHF-TV reflector, fine-tuning.** Adjust for best UHF reception of channels 14-69. 12-position fine tuning of VHF and FM stereo. 300-ohm flat-wire leads. 15-1807, 15.99



**VHF dipole.** Back-of-set snap-in VHF-TV antenna. An exact replacement for many models. Rotatable telescoping elements. 300-ohm hookup.

15-235 ..... 4.99



**Classic VHF-TV/FM top-of-set antenna.** Adjustable telescoping rod elements. Base features a protective non-skid material for extra stability.

15-1827 ..... 5.99



**UHF loop.** Replacement for missing back-of-set UHF loop antenna.

15-233 ..... 1.99



**UHF outline bow-tie.** Super-easy to install—snaps on VHF antenna rod.

15-234 ..... 2.99



**UHF double bow-tie antenna.** Dual-element UHF set-top antenna outperforms built-in loops. 300-ohm hookup.

15-623 ..... 15.99



**Budget TV antenna.** Features polished chrome telescoping VHF elements and a loop UHF. 12-position rotary fine-tuning control helps minimize ghosts. 300-ohm flat-wire leads.

15-1806 ..... 8.99



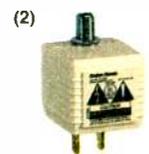
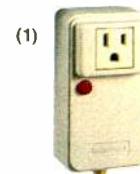
**Amplifier for indoor TV/FM antenna.** Converts your set-top antenna into an amplified antenna for UHF/VHF-TV/FM. 10dB boost. 300-ohm input.

15-1104 ..... 19.99



**Antenna for TV and FM.** A great value! Combines 36"-long telescoping VHF/FM rod elements and a specially designed loop for UHF-TV. 12-position fine-tuning control. Color-coded 300-ohm flat-wire leads.

15-1819 ..... 10.99



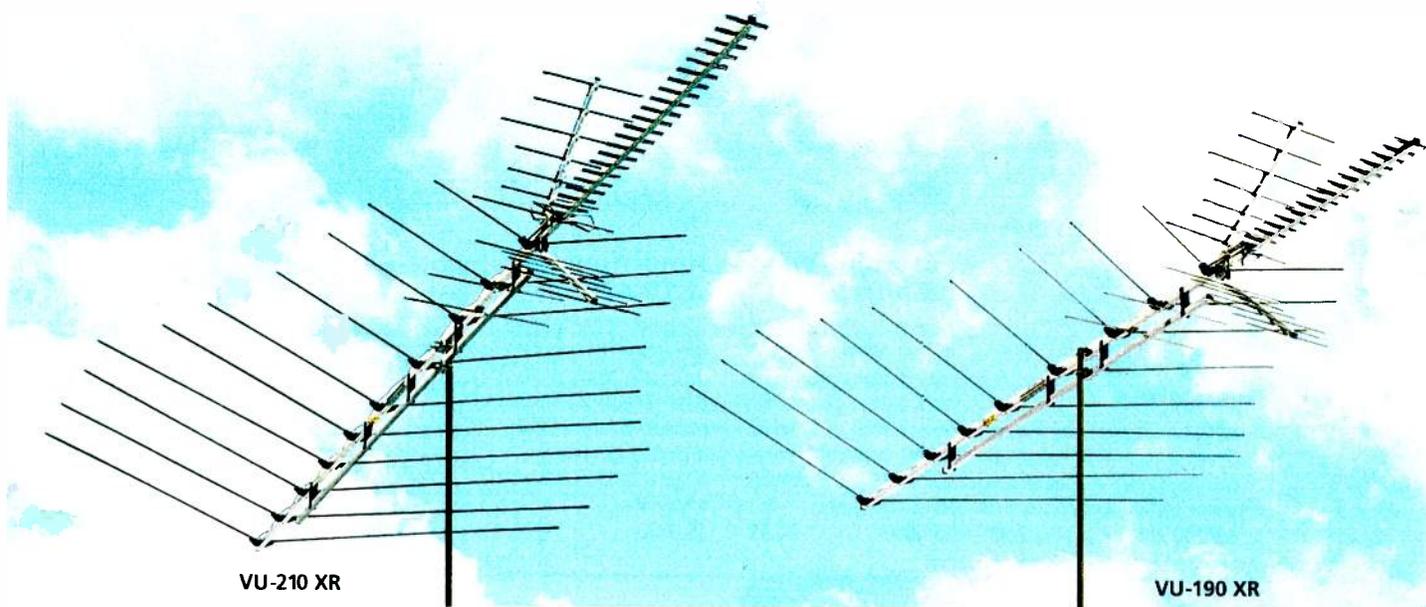
**Plug-in antennas.** Just plug into any outlet to convert the AC wiring in your home into a giant antenna for TV and FM reception. 75-ohm output.

(1) Built-in amp boosts signals for even better reception. 15-1839 ..... 19.99

(2) 15-1835 ..... 12.99

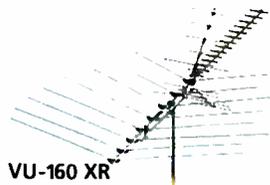
Cat. No.	Page	Usage			Rotary Control	Hookup		Signal Boost	Price
		UHF	VHF	FM		75-ohm	300-ohm		
15-1827	155			✓				5.99	
15-1806	155	✓	✓	✓	✓			8.99	
15-1819	155	✓	✓	✓	✓			10.99	
15-1823	155	✓	✓	✓	✓			12.99	
15-1835	155	✓	✓	✓	✓			12.99	
15-1807	155	✓	✓	✓	✓			15.99	
15-1808	154	✓	✓	✓	✓			19.99	
15-1836	154	✓	✓	✓	✓			19.99	
15-1839	155	✓	✓	✓	✓	✓		19.99	
15-1607	155	✓	✓	✓	✓		20dB	19.99	
15-1825	154	✓	✓	✓	✓		15dB	24.99	
15-1837	154	✓	✓	✓	✓			24.99	
15-1833	155	✓	✓	✓	✓		8dB	29.99	
15-1826	154	✓	✓	✓	✓			29.99	
15-1838	154	✓	✓	✓	✓		15dB	29.99	
15-1832	155	✓	✓	✓	✓			39.99	
15-1828	154	✓	✓	✓	✓		10dB	39.99	
15-1834	154	✓	✓	✓	✓		12dB	49.99	
15-1831	154	✓	✓	✓	✓		20dB	59.99	
15-1846	155	✓	✓	✓	✓		42dB	79.99	
15-1845	154	✓	✓	✓	✓		42dB	99.99	

Note: VHF (Very High Frequency) covers TV channels 2-13. UHF (Ultra High Frequency) covers TV channels 14-69.

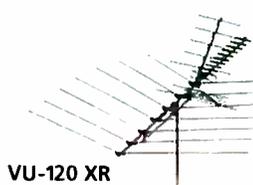


VU-210 XR

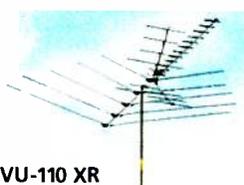
VU-190 XR



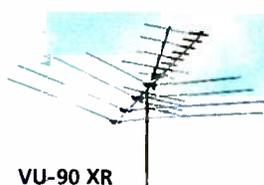
VU-160 XR



VU-120 XR



VU-110 XR



VU-90 XR



VU-75 XR

**Our antennas are built better to last longer**



High tensile-strength aluminum for long life



Snap-open elements for "instant" assembly



Air-insulated multiple-drive system



Heavy-duty, high-impact molded insulators



UHF yagi and corner reflector combination



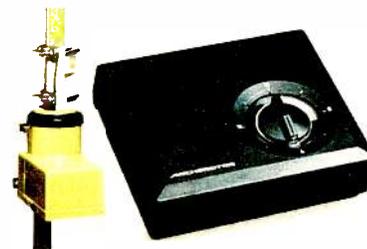
Strong square boom with "no-tilt" clamp

**The best parts, the best selection.**

At RadioShack, we carry a wide selection of high-quality mast and mounting hardware to meet your long-lasting installation needs (see page 158). Plus, many more antennas and hardware are available through RadioShack Unlimited.



**Selecting and Installing Antennas.** Learn how antennas work and how to select and install the antenna that's right for your needs. Covers TV, FM, CB, cellular, satellite and shortwave antennas. **62-1083 . . . . . 6.99**



**Aim your antenna to get the best TV picture & FM reception**

Archerator® remote control rotator aims your antenna for the clearest signal from every station in range. An indicator on the remote displays antenna direction. Audiophiles: Helps cut FM "multipath" signals for improved stereo in problem areas. Fits 1/4" to 1 1/4" masts. UL listed AC. Requires 3-conductor cable below. (TSP) **15-1225 . . . . . 64.99**

**We have the rotator cable you need**

No. Cond.	Feet	Cat. No.	Per Roll
3	50	15-1149	<b>5.99</b>
3	100	15-1150	<b>8.99</b>
5	100	15-1201	<b>13.99</b>

Note: 5-conductor cable is for older, discontinued models

**Select the model that's right for your neighborhood**

Model No.	Range in Miles*			Suggested Use			Mount Type		Boom Length	No. of Elements	Catalog No.	Price
	VHF	UHF	FM	City	Suburb	Rural	Roof	Attic				
VU-75 XR	75	50	50	✓	✓		✓	✓	50"	18	15-2151	<b>29.99</b>
VU-90 XR	90	70	70	✓	✓		✓	✓	80"	32	15-2152	<b>39.99</b>
VU-110 XR	110	90	90	✓	✓		✓	✓	100"	32	15-2153	<b>49.99</b>
VU-120 XR	120	90	90	✓	✓		✓		120"	37	15-2154	<b>59.99</b>
VU-160 XR	160	100	100	✓	✓	✓	✓		140"	42	15-2155	<b>79.99</b>
VU-190 XR	190	100	100	✓	✓	✓	✓		160"	57	15-2156	<b>99.99</b>
VU-210 XR	210	135	135	✓	✓	✓	✓		190"	58	15-2157	<b>129.99</b>

\*Estimated range, based on reception over flat and open terrain. Masts not included



# We're Your Reception Headquarters

RadioShack

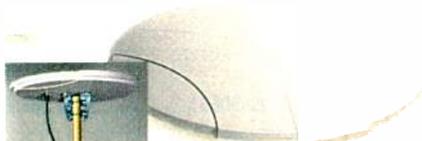
Available Oct. 1997

**New Extended range VHF/UHF/FM antenna for use with mini satellite systems to receive local broadcasts**

Combines great reception with installation ease. Simply attach antenna to an exterior wall in your home, garage or attic, connect and run additional coax cable (see page 160) to set and enjoy. Operates on a switchable amp—switch it on for better reception at the outskirts of a city. Great for satellite systems—add the supplied duplexers/splitters to combine VHF/UHF and satellite signals into one single cable leading into the house. More attractive and inconspicuous than roof-top antennas. Sleek, weather-proof housing. **15-1847** ..... **99.99**

**New VHF/UHF antenna you hide inside**

The perfect antenna for indoors. Easy-to-install amplified antenna provides superior picture and reception with up to 42dB boost. Omnidirectional means no adjustments ever needed. Sleek design easily mounts behind drapes or alongside molding—you can even paint or wallpaper over it. Ultra-thin 75 ohm coaxial cable. 2 AC adapter-mounted "F" connectors. (RG 59 cable included.) UL listed. **15-1845** ..... **99.99**



**High-gain FM-stereo antenna**

Increase your FM receiver's reception range. Triple-drive directional antenna picks up signals from as far as 110 miles away\*. Can be attic mounted without signal loss. Preassembled for easy installation. **15-2163** ..... **19.99**



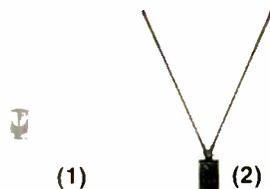
**FM and FM-stereo antenna**

Improved FM stereo reception at an affordable price. Works great in city and suburban areas. Improves signal-to-noise ratio. Pulls in signals from up to 50 miles away.\* 360° pickup pattern. Compact size makes it ideal for attic or rooftop mounting. Comes factory preassembled for easy installation. **15-2164** ..... **14.99**

**Amplified omnidirectional antennas**

Top choice for suburban or urban areas, RVs, trailers and boats, too. Receives VHF/UHF signals from all directions without a rotator. Amplifier boosts signals 20dB. Includes mounting hardware. DC adapter jack. UL listed AC adapter. **21"** 15-1624 ..... **99.99**  
**14"** 15-1625 ..... **69.99**

**Mobile antenna 6" conversion kit.** Mounts on RV or conversion van. **RSU 11637527** ..... **19.99**



**(1) Magnetic-mount mobile TV**

VHF/UHF-TV antenna ideal for car, truck or van. It's sleek and aerodynamic, and can be mounted magnetically on the roof or rear deck of your vehicle, or permanently with the included hardware. It's safe for automatic car washes and can be painted to match vehicle. Comes with 14-foot coax cable and 300-ohm matching transformer. **15-1614** ..... **49.99**

**(2) Mobile VHF/UHF dipole antenna**

Let your passengers enjoy broadcast television programs while traveling. It quickly installs on rain gutter or window and removes in seconds. Loaded fiber glass dipole elements. Includes coax lead-in cable. **15-1609** ..... **29.99**



**We'll help you get the best reception possible!**

Why does RadioShack sell more antennas than anyone else? We're the store that has everything you need to improve your viewing and listening—antennas of every description, hardware for every type of installation, and answers to reception questions. We'll help you select the right antenna and suggest where you can place it to get the best results.

Each one features heavy-duty, high-impact molded insulators, air-insulated multiple drive system, and a UHF yagi and corner reflector combination.

The elements snap open for easy assembly. Strong square boom has a no-tilt clamp, and high tensile-strength aluminum gives each antenna long life for years of use.

Whether you're mounting your antenna on a roof, attaching it to a chimney, or placing it in your attic, at RadioShack, you'll find a wide selection of mast and mounting hardware to meet your needs (see page 158).

**Specially tuned UHF-only outdoor antennas**

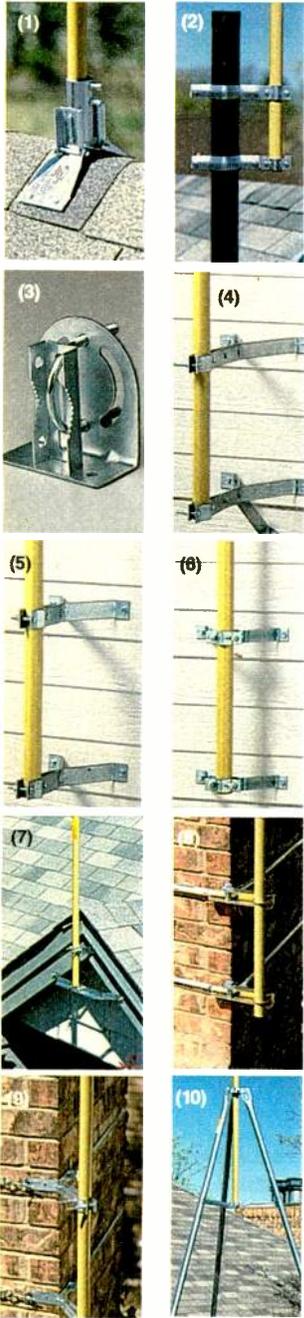
Built strong to last long. Ideal for custom installations or when VHF-TV (channels 2-13) and UHF-TV (channels 14-69) signals come from different directions. Tuned for precise band coverage. Comes preassembled with snap-in-position elements for easy do-it-yourself set up and installation. (#15-2162 UHF shown.)

Cat. No.	Antenna Type	Range in Miles	Mount Type		Boom Length	No of Elements	Price
			Roof	Attic			
15-2160	UHF	75	✓	✓	60"	17	<b>19.99</b>
15-2161	UHF	100	✓	✓	80"	26	<b>29.99</b>
15-2162	UHF	120	✓	✓	100"	34	<b>39.99</b>

**Not cable ready?**

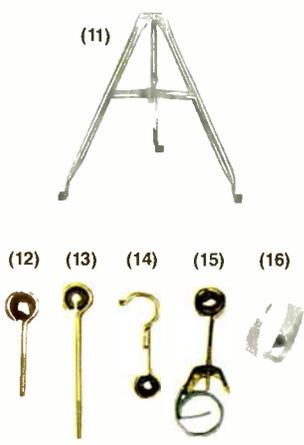
Many neighborhoods are choosing not to allow traditional outside antennas. That's why we offer attic mountable antennas. A simple way to get around deed restrictions and still enjoy quality reception. Attic antennas are easy to install—just stop by your neighborhood RadioShack and find out how.





**Mast mounts for roof, vent pipe, chimney, eaves and walls**

- (1) **Base and roof mount.** Mast locks into exclusive-design U-bolt. The swivel base fits the slope of virtually any roof. Made of heavy gauge steel. 15-889 ..... **8.99**
- (2) **Vent pipe mount.** An alternative to chimney mounting for small antennas. Attach brackets to vent pipe, then clamp mast into place. For 2" to 5" vents. Heavy-duty steel. 15-893 ..... **6.99**
- (3) **Universal mast anchor mount.** Heavy-duty U-bolt for easy swivel. For masts up to 1 1/4" in diameter. (Mast must be guyed for roof and window installations.) 15-888 ..... **4.99**
- (4) **12" wall mounts.** Secures a mast of up to 1 3/4" diameter at 12" from the side of building. Allows mast to clear eaves or other obstruction. Made of galvanized steel. 15-885 ..... **Pair 12.99**
- (5) **8" wall mounts.** Holds mast of up to 1 3/4" diameter at 8" from side of building. 15-886 ..... **Pair 9.99**
- (6) **4" wall mounts.** Holds mast of up to 1 3/4" diameter at 4" from side of building. 15-883 ..... **Pair 5.99**
- (7) **Eaves mount for hanging rafters or trim boards.** An alternative to roof and chimney mounting. Fits most medium-pitch roofs. Accepts mast to 1 1/2" diameter. Includes four lag bolts. 15-891 ..... **9.99**
- (8) **Chimney ratchet mount.** Provides secure mounting to chimney. Tightens with screwdriver. Includes two stainless steel straps, each 3/8" x 18 feet. Accepts antenna mast 1" to 1 3/4" diameter. 15-839 ..... **17.99**
- (9) **Corner mounts.** Just the thing for chimney mounting. Two Y-mounts with 3/8" x 10-foot rust-resistant galvanized straps. 15-527 ..... **12.99**
- (10) **3-foot tripod mount.** Perfect for larger antennas in areas subject to strong winds. Fits slope of most roofs. Accepts antenna mast up to 1 3/4" diameter. Pre-assembled. 15-516 ..... **15.99**
- (11) **New Heavy-duty 3-foot tripod mount.** Hinged design for easier antenna repair or replacement. Heavy-duty straps and wings for better stability. Sturdy "L" bracket supports mast. 15-517 ..... **19.99**



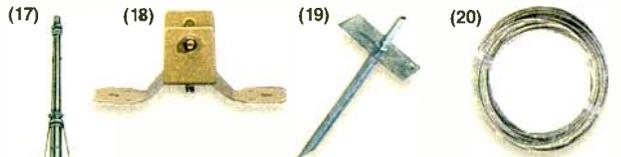
**25-foot strap kit.** Two 3/8" x 25-foot stainless steel straps for replacement or add-on. Ideal for large chimneys. Includes four eye bolts and complete mounting hardware. 15-801 ..... **12.99**

**Standoff insulators**

Fig.	Description	Cat. No.	Price
12	4 wood screw, 3 1/2"	15-853	<b>1.49</b>
13	4 wood screw, 5 1/2"	15-854	<b>1.49</b>
14	2 snap-grip type	15-822	<b>1.49</b>
15	2 strap-on type	15-823	<b>1.49</b>
16	2 mini-egg insulators	278-1335	<b>4.79</b>

# RadioShack... Your Reception Connection

*The key to getting good reception from your antenna is proper installation. At RadioShack, we stock the highest-quality masts, mounts and other hardware required for a long-lasting outdoor antenna installation. We make it easy for you to do it yourself. Come in today and we'll help you select what you need to start getting better reception right now.*



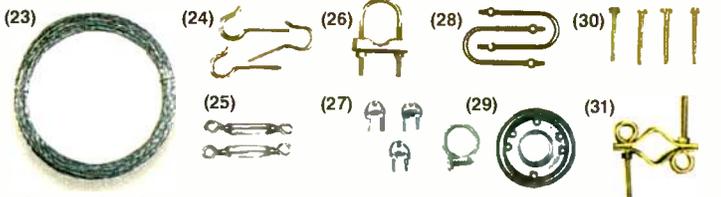
**Telescoping antenna masts, roof base and ground mount**

- (17) **Telescoping mast.** Raises your antenna for stronger TV and FM reception. Sturdy interlocking sections will not pull out, twist or shake. Corrosion-resistant galvanized-steel construction. Clamp and guy wire ring provide firm support. **19-foot mast.** Includes one 16-gauge, one 18-gauge section. 15-5065 ..... **39.99**  
**36-foot mast.** Includes one 16-gauge, three 18-gauge sections. 15-5067 ..... **64.99**
- (18) **Roof base.** With bolt. 15-5068 ..... **6.99**
- (19) **Antenna ground mount.** Heavy-duty tap-in ground mount for antenna masts up to 36 feet tall. 15-5069 ..... **9.99**
- (20) **Guy wire.** Galvanized 6-strand, 18-gauge. 100 feet. 15-5070 ..... **7.99**



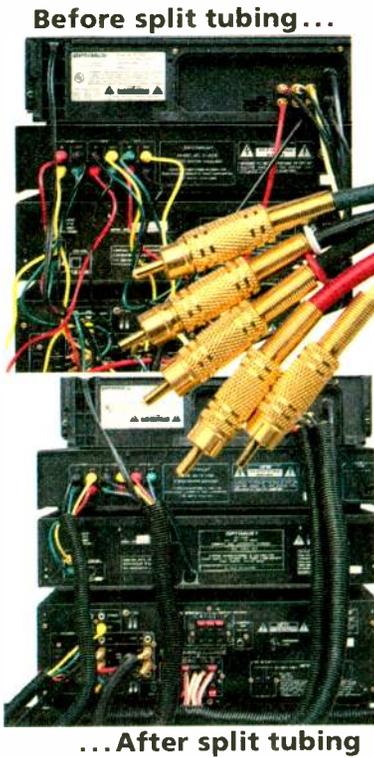
**Heavy-duty masts**

- (21) **New 5-foot.** 16-gauge, galvanized steel mast for superior rust protection. Silver painted finish. 15-847 ..... **8.99**
- New 10-foot mast.** 15-848 ..... **14.99**
- (22) **5-foot.** 16-gauge steel, tapered end, enamel finish. 1 1/4" diameter. 15-842 ..... **6.99**  
**10-foot mast.** 15-843 ..... **12.99**



**Galvanized guy wire, wire anchors, turnbuckles, U bolts, clamps, guy ring, lag bolts, additional hardware**

Fig.	Description	Cat. No.	Price	Fig.	Description	Cat. No.	Price
23	50-ft. galvanized wire	15-030	<b>1.99</b>	28	2 U bolts with nuts	15-830	<b>1.49</b>
23	100-ft. galvanized wire	15-031	<b>2.99</b>	29	1 1/4" guy ring and collar	15-835	<b>1.99</b>
24	3 guy wire anchors	15-825	<b>1.49</b>	30	Set of 4 hex lag bolts: 1/4" x 1 1/2" for heavy-duty mounting	15-833	<b>1.49</b>
25	2 guy wire turnbuckles: 6" open, 4" closed	15-829	<b>1.99</b>	31	Guy wire mast clamp with bolts	15-827	<b>1.49</b>
26	U bolt and clamp	15-826	<b>1.49</b>				
27	3 guy wire clamps	15-850	<b>1.49</b>				



# Meeting Your Wiring Needs

- (15) Strain reliefs. For cable-entry point on chassis or enclosure. 278-1636 ..... 6/99¢
- (16) Heat-shrink tubing. 1/8"-1/2" dia., 6" long. UL listed. 278-1627 ..... Pkg. of 7/1.99
- (17) Multicolor heat-shrink tubing. Red, white, blue and clear. 1/8 to 1/4" diameter, 6" long. 278-1610 ... Pkg. of 7/2.29
- (18) In/outdoor wire ties. Ultraviolet (UV) stabilized for long outdoor life. Great for TV, CB and other outdoor wiring. 8" long. 278-1652 ..... Pkg. of 30/2.99  
14 1/2" long. 278-1655 ..... Pkg. of 30/4.99
- (19) Nylon wire ties. Self-locking. 4" long. 278-1632 ..... Pkg. of 30/1.59  
5 1/2" long. 278-1631 ..... Pkg. of 30/1.99  
8" long. 278-1642 ..... Pkg. of 30/2.99
- (20) Wire-tie mounts. Adhesive backed. 3/4x3/4". 278-441 ..... Pkg. of 10/1.69
- (21) Cable tie/marker. For cables up to 3/8" diameter. 278-1648 ..... Pkg. of 10/2.79
- (22) AC cord ties. For AC, other cords. 5 1/2" long. 278-1646 ..... Pkg. of 6/99¢
- (23) Beaded wire ties. UV stabilized. 6 1/8" long. 278-1619 ..... Pkg. of 10/2.19
- (24) Wire markers. 630 "peel 'n stick" letters, numbers. 278-1650 ..... Set 1.99
- (25) Self-laminating cable markers. 1x2 1/2". 278-1616 ..... Pkg. of 24/1.99
- (26) Wire staples. Insulated. Ideal for speaker wiring. 64-2875 ..... Pkg. of 40/1.29
- (27) Hook-and-loop strap. Use to strap bundles of wire or hang tools. Just cut to length, wrap and stick the strap to itself. Reusable. 3/8x36" long. 278-1675 ..... 1.49

## Ready-to-use coax cable assemblies

Connectors are preinstalled



- (1) 6-ft. BNC to BNC. For test equipment and RF hookups. 52-ohm cable. 278-964 ..... 5.99
- 12-foot BNC to BNC. 52-ohm cable. 278-965 ..... 9.99
- (3) 6-foot BNC to BNC. 75-ohm cable. 278-990 ..... 5.99
- (2) 3-ft. cellular phone extension. Has male TNC connector at one end and female TNC at the other. 52-ohm cable. 278-976 ..... 5.99
- (3) 2-ft. PL-259 to PL-259. This short 52-ohm RG-58 patch cable is perfect for connecting CB or Ham SWR meters, watt meters, etc. 278-968 ... 4.99
- (5) 20-ft. PL-259 to PL-259. For CB/Ham antenna hookups. 52-ohm RG-58 cable. 278-967 ..... 7.99
- (6) 50-ft. PL-259 to PL-259. 52-ohm RG-58 cable. 278-971 ..... 14.99
- (4) 10-ft. PL-259 to PL-259. 52-ohm RG-8M cable. 278-979 ..... 9.99
- (5) 5-ft. PL-259 to PL-259. 52-ohm RG-8 cable. 278-969 ..... 8.19
- (7) 6-ft. coax extension cable. PL-259 to SO-239 socket. 52-ohm RG-58. 278-975 ..... 6.99
- (8) 20-ft. mobile antenna cable. PL-259 plug at one end, spade lugs at the other. 52-ohm. 278-966 ..... 7.99

## Supplies for a neat and secure wiring job

- (9) Nail-in coax clips. For RG-58, RG-59 Black, 278-1660 ..... Pkg. of 10/99¢  
White, 278-1659 ..... Pkg. of 10/99¢
- (10) For RG-8/6. 278-1661 ..... Pkg. of 6/99¢
- (11) Split tubing. Split along one side, makes it easy to gather cables and wires into a neat bundle. 5 feet long. 1/2" diameter. 278-1624 ..... 3.99  
3/4" diameter. 278-1654 ..... 4.99
- (12) Metal wire holders. Strong, 3" long, insulated. Great for use in a vehicle or entertainment center. 278-1657 ..... Pkg. of 10/1.79
- (13) Wall feedthrough bushings. For RG-6 or RG-8M coax cable. 278-1644 ..... Pkg. of 2/99¢
- (14) Spiral wrap. 10 feet. 278-1638 ..... 2.19

## Sealing tape for outdoor connections

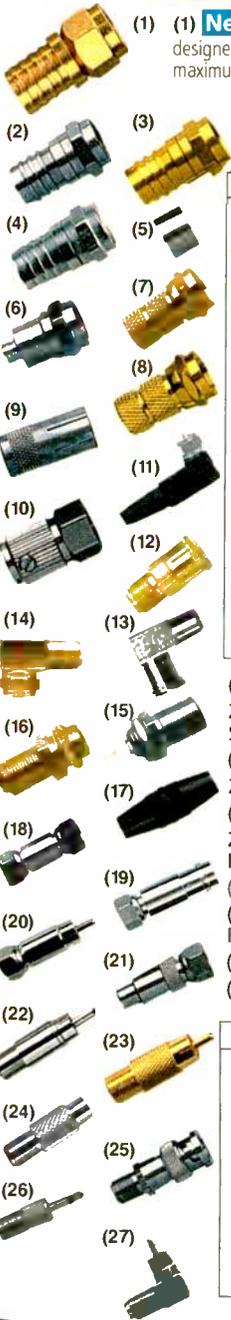
Flexible. Weatherproofs TV, CB, shortwave or scanner antenna connections, other outdoor wiring. Ideal for sealing coax connectors. 1/2x60" roll. 278-1645 ..... 2.79



Cable clips. Keep cable secure. Adhesive backing.

Fig.	Type	Accepts Cable	Cat. No.	Pkg. of	Price
28	Telephone	Modular	278-1667	9	1.49
29	Jumbo	3/8"	278-1641	3	1.79
NEW 30	Open	3/8"	278-1617	6	1.99
31	Standard	3/8"	278-1640	10	2.79
32	Adjustable	1/2"	278-1639	10	2.79
33	Universal	1/2"	278-1647	10	2.79
34	Mini	1/8"	278-1668	10	1.79
35	Speaker/Phone	1/2"	278-1618	12	2.49





(1) (1) **New** Weatherproof RG-6 F connector. Durable connector designed for rugged, outdoor installation. Silicone-filled seal provides maximum protection. 278-236 ..... 2/1.99

### 75-ohm connectors for TV, VCR, FM

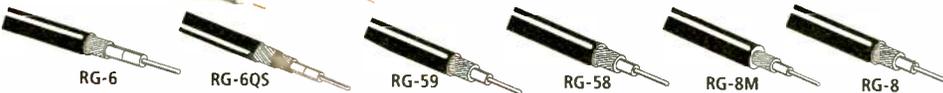


Fig.	Type	Cable	Plating	Pkg. of	Cat. No.	Price
2	Crimp-on	RG6QS	Std.	2	278-232	.99
3	Crimp-on	59	Gold	2	278-224	1.99
	Crimp-on	6	Gold	2	278-225	1.99
	Crimp-on	59	Std.	2	278-222	.99
4	Crimp-on	6	Std.	2	278-223	.99
	Crimp-on	59	Std.	10	278-230	3.99
	Crimp-on	6	Std.	10	278-231	3.99
5	Crimp ring	59	Std.	6	278-216	.89
	Crimp ring	6	Std.	6	278-217	.89
	Crimp-on	59	Std.	2	278-211	.99
6	Crimp-on	6	Std.	2	278-214	.99
	Crimp-on	6	Std.	2	278-236	1.99
7	Twist-on	59	Std.	1	278-227	.99
	Twist-on	59	Gold	1	278-292	1.49
8	Twist-on	6	Gold	1	278-229	1.49
	Twist-on	6	Std.	1	278-228	.99
9	Solderless	59	Std.	1	278-215	1.29
10	Solderless speed plug	59	Std.	1	278-234	1.99
	Solderless right-angle	59	Std.	1	278-280	2.49

- (12) Gold-plated screw-on to push-on adapter. 278-291 ..... 1.99
- Screw-on to push-on. 278-218 ..... 1.49
- (13) Right-angle screw-on to push-on adapter. 278-235 ..... 1.99
- (14) **New** Gold-plated F inline right-angle adapter. 278-305 ..... 2.49
- F inline right-angle adapter. 278-221 ..... 1.79
- (15) F-61. Chassis-mount F. 278-212 ..... Pkg. of 2/1.19
- (16) Gold-plated F-81 coupler. 278-304 ..... 1.79
- F-81 coupler. Joins two F connectors. 278-213 ..... 99¢
- (17) Indoor 75-ohm splicers. 278-226 ..... Pkg. of 2/2.99
- (18) F male-to-male adapter. 278-219 ..... 1.49

Fig.	Accepts	Fits	Cat. No.	Each
19	BNC plug	F	278-256	2.99
20	Phono jack	F	278-253	1.99
21	Phono plug	F	278-255	1.99
22	F	Phono jack	278-252	1.99
23	Gold-plated F male	Phono jack	278-290	2.49
24	F	Phono plug	278-263	1.99
25	F	BNC	278-251	2.99
26	F	1/8" jack	278-257	2.19
27	F (right-angle)	Phono jack	278-260	2.99

### Coax cable for TV, FM, CB, Ham and scanner hookups



**RG-6.** Great for residential interior cable and antenna TV wiring. Heavy shielding for low signal loss.

**RG-6QS.** (Quad shield). Same uses as RG-6. Four levels of heavy-duty shielding—ideal for apartments, businesses and other areas with large amounts of electrical interference.

**RG-59.** For CB/Ham and TV antenna applications. Not recommended for cable-TV use.

**RG-58.** Popular small-diameter cable for most RF signal transmission uses including CB, Ham, shortwave and mobile antenna hookups.

**RG-8/M.** 92% shielding. Same uses as RG-8 but recommended for shorter runs.

**RG-8.** Low-loss. With copper braid 95% shielding. For CE, Ham and scanner antenna lead-ins.

RG Type	Ohms	OD (in.)	Velocity Factor	Loss in dB Per 100 Feet		Capacitance Per Foot	Center Conductor	Cat. No.	Per Ft.
				At 100MHz	At 400MHz				
6 (white)	75	.266	78%	2.2	4.4	17.5pF	18 gauge solid	278-1318	.24
6 (white)	75	.266	78%	2.2	4.4	17.5pF	18 gauge solid	278-1316	.24
6QS	75	.286	78%	2.1	4.4	17.3pF	18 gauge solid	278-1317	.32
59	75	.242	78%	2.9	5.9	14.8pF	20 gauge solid	278-1319	.23
58	50	.196	66%	4.5	10.0	28.5pF	20 gauge solid	278-1314	.23
8/M	50	.242	78%	3.7	8.0	25.2pF	16 gauge (19 x 29)	278-1313	.32
8	50	.405	66%	1.9	4.1	26.4pF	13 gauge (7 x 21)	278-1312	.70



### Medium-duty crimp tool

Quality all-steel tool crimps all F-56 and F-59 coax connectors. Cushioned handles. 278-242 ..... 6.99



### Economy coax cable crimp tool

Securely installs F connectors on 75-ohm coax cable. Use with our F-56 and F-59 (#278-211 and #278-214) connectors only. All-steel construction. 278-220 ..... 3.49



### "Pro" quality crimp tool

For installing all crimp-on F-56 and F-59 coax connectors. Easy to use and built for years of service. All-steel construction, cushioned handles. 278-243 ..... 15.99



### Precision coax cable cutter

Special curved blades do not flatten or damage cable while cutting to preserve proper impedance and simplify installation. Blades are held open by a spring. 278-244 ..... 5.99



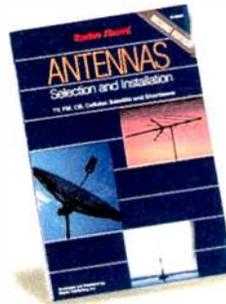
### Economy coax cable stripping tool

For RG-6 and RG-59 cable. Provides clean, accurate nick-free cuts. Long-life cutting blade. 278-247 ..... 6.99



### Deluxe wire stripper

Cuts and strips insulation from RG-6, RG-58, RG-59, and other coaxial cables. Finger-ring design strips wire easily. 278-248 ..... 11.99  
Replacement blades for above. RSU 11287067 ..... 2 sets for 1.99



### Selecting and Installing Antennas

Learn how antennas work and learn how to select and install the antenna that's right for your needs. Covers TV, FM, CB, cellular, satellite and shortwave antennas. Clear, meaningful illustrations and easy-to-read text. 62-1083 ..... 6.99

#### QUESTION:

How do I get the best connection when installing a connector on a cable?

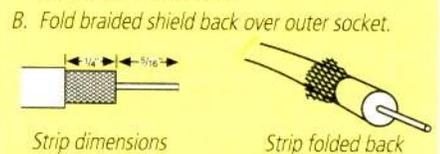


#### ANSWER:

#### Prepare the cable properly.

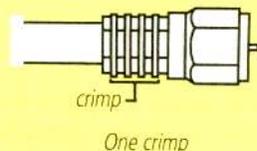
For example, when installing an F connector (like (2) or (3) at top left of page) on an RG-6 cable:

- A. Strip off all insulation and shielding so that 3/16" (8mm) of the center conductor is exposed. Then, strip off 1/4" (6.35mm) of the outer jacket, being careful not to strip off the outer conductor.
- B. Fold braided shield back over outer socket.



#### Crimp the connector properly.

RadioShack connectors are specially designed for best performance using only one crimp.



## BNC connectors and adapters



**Right-angle male BNC.** With strain relief. Installs to stripped coax easily. **278-126** ..... **3.99**



**Twist-on male BNC.** RG-58 cable. **278-103** ..... **2.99**  
**New** Gold-plated version of above. **278-102**, **3.99**  
**Twist-on male BNC.** RG-59, RG-62. **278-104** ..... **2.99**



**Solderless BNC male.** For RG-58. **278-185** ..... **3.69**



**(1) BNC T-adapter.** Female-female-female. **278-111** ..... **4.19**

**(2) BNC T-adapter.** Has female-male-female configuration. **278-112** ..... **3.99**

**TNC to BNC adapter.** **278-144** ..... **3.99**

**Right-angle adapter.** **278-116** ..... **3.99**



**Type 1094 BNC chassis-mount jack.** **278-105** ..... **1.99**



**Type UG-914 BNC female-to-female coupler.** **278-115** ..... **1.99**

**New** Gold-plated version of above. **278-119** ..... **2.99**



**BNC 50-ohm terminator.** Terminates Ethernet connections. **278-270** ..... **2.19**



**Gold-plated BNC female to phono plug.** **278-301** ..... **3.99**

**Gold-plated BNC male to phono jack.** **278-303** ..... **3.99**

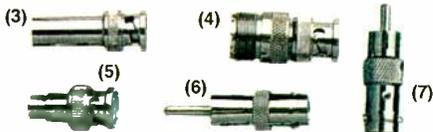


Fig.	Accepts Plug	Fits Plug/Socket	Cat. No.	Each
3	Motorola	BNC	278-117	<b>3.59</b>
4	PL-259	BNC	278-120	<b>3.49</b>
5	Phono	BNC	278-254	<b>2.99</b>
6	BNC	Motorola	278-160	<b>3.29</b>
7	BNC	Phono jack	278-250	<b>3.29</b>

\*Gold-plated version.

## N connectors and adapters



**Male "N" for RG-8.** **RSU 11292042** ..... **2.89**

**"N" dual female.** **RSU 11292265** ..... **5.19**

**Right-angle "N" adapter.** **RSU 11292281** ..... **7.19**

## UHF connectors and adapters



**Premium PL-259 UHF-type coaxial connector.** Silver-plated body and heat-withstanding, low-loss TEFLON® insulator. For RG-8, RG-58, RG-59 or RG-8 min. **278-188** ..... **3.99**  
 TEFLON® E I duPont De Nemours & Co., Inc



**Standard PL-259 UHF-type coaxial connectors.** **278-205** ..... **Pkg. of 2/3.49**



**UG-176 reducers/adapters.** Fits both RG-59 and RG-8/M coaxial cables. **278-204** ..... **Pkg. of 2/1.29**

**UG-175 reducers/adapters.** For RG-58 coaxial cable. **278-206** ..... **Pkg. of 2/1.29**



**Solderless PL-259.** Installs on a RG-58 coaxial cable. **278-196** ..... **Pkg. of 2/2.69**

**Solderless twist-on PL-259.** Fits both RG-59 and RG-8/M coaxial cable. **278-191** ..... **2.49**

**New** **Screw-type solderless.** Fits RG-58 and RG-59 coaxial cable. **278-193** ..... **4.49**



**SO-239 chassis-mount coaxial socket.** **278-201** ..... **1.99**



**Double PL-259.** Joins two SO-239s. For low-pass filter and other hookups. **278-192** ..... **3.99**



**PL-258 coupler.** Joins two PL-259s. **278-1369** ..... **1.69**



**PL-259 T-adapter.** Two SO-239 sockets to a PL-259 plug. Useful in beam antenna phasing lines. **278-198** ..... **4.59**



**PL-259 inline right-angle adapter.** Use in tight spaces to prevent cable and jack damage. **278-199** ..... **3.49**



**"Scanner" adapter.** Accepts a PL-259 plug. Fits Motorola-type jack. **278-208** ..... **1.99**



**No-crimp solderless PL-259 plug.** For RG-58 cable. Installs by tightening one setscrew. Fits solid or stranded center conductor. **278-186** ..... **3.29**



Fig.	Accepts	Fits	Cat. No.	Each
8	BNC Plug	SO-239	278-121	<b>3.49</b>
9	F	SO-239	278-258	<b>3.49</b>

## Mini UHF adapter/connectors



**(10) Double-female adapter.** Joins two male mini-UHF connectors. **278-172** ..... **2.59**

**(11) Twist-on connector.** No crimp or soldering. For RG-58 coax cable. **278-168** ..... **1.99**



Fig.	Accepts	Fits Mini-UHF	Cat. No.	Each
12	PL-259	Female	278-174	<b>3.99</b>
13	TNC Male	Female	278-146	<b>3.49</b>
14	TNC Female	Male	278-148	<b>3.99</b>



**European-TV adapter.** Accepts male F. Fits PAL-type antenna jack. **278-261** ..... **1.99**



**European-TV adapter.** Couples female F connector and female PAL. **278-265** ..... **1.99**

## TNC connector/adapters



**No-crimp solderless male TNC.** For RG-58 cable. No special tools needed—just tighten setscrew. Accommodates cable with solid or stranded center conductor. **278-184** ..... **3.69**



**Twist-on TNC male RF connector.** For RG-58 cable. Easy to use—simply cut cable ends to match specified length, align the cable's center conductor with the hole in connector body and twist it on. **278-140** ..... **2.19**



**Panel-mount TNC.** Fits 3/8" mounting hole. **278-132** ..... **3.19**



**Push-on adapter.** Converts a screw-on TNC male to push-on type. Useful with transportable cellular telephones. Impedance 50 ohms. **278-133** ..... **3.99**



**Double-female TNC.** **278-142** ..... **2.19**

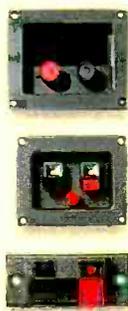




**Megacable®—our best speaker wire really makes a difference**

Shown actual size. High copper content and large conductors reduce resistance so more power flows to your speakers. Great for home and vehicle speaker hookups.

- (1) **12-gauge Megacable.** Pure copper conductors, enclosed in tough plastic insulation with an embedded stripe for easy polarity I.D. Rope-strand design is more flexible than standard wire. 278-1268 . . . Per Foot 99¢
- (2) **16-gauge Megacable.** 278-1270 . . . . . 50-foot roll 16.99
- (3) **14-gauge flat Megacable.** Great for outer walls and areas not suited for round cable. Resists rolling and sliding. 278-1273 . . . . . 50-foot roll 19.99
- (4) **New 16-gauge flat Megacable.** Ideal for routing under carpet or baseboards. Flexible design. White. 278-1274 . . . . . 100-foot roll 34.99



- Speaker terminal plates**
- (5) **Speaker terminal plate.** Recessed. Requires 2 1/8x2 1/8" cutout. Accepts banana plugs or screw terminals. 274-630 . . . . . 3.49
  - (6) **Speaker terminal plate with phono jack.** Gold-plated terminals. Push-release. 274-631 . . . . . 3.99
  - (7) **Speaker terminal plate.** Gold-plated terminals. Push release. 274-632 . . . . . 2.99



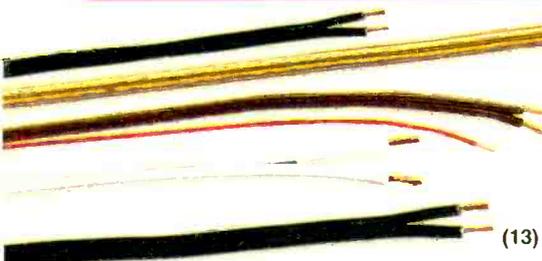
- Connectors for Megacable**
- (8) **Gold flat-pin connectors.** 24k gold-plated. Crimp-on. Includes two red, two black.
 

Accepts Wire	Cat. No.	Set of 4
10-12ga.	278-310	2.99
14-16ga.	278-317	2.99
  - (9) **Deluxe gold pin connectors.** 24k gold-plated. Two-piece twist-on design. Sets include two red, two black.
 

Accepts Wire	Cat. No.	Set of 4
10-12ga.	278-309	9.99
14-16ga.	278-320	9.99
  - (10) **New Gold dual banana plug.** For audio and speaker applications. 278-308 . . . . . 5.99
  - (11) **New Gold banana plugs.** For 12-gauge wire. Twist-on design. One black, one red. 278-306 . . . . . Pkg. of 2/5.99
  - (12) **Snap-spade gold connectors.** Crimp-on. Sets include four red, four black.
 

Accepts Wire	Cat. No.	Set Of 8
10-12ga.	278-311	4.99
14-16ga.	278-316	4.99

**Speaker cables and wire**



- (13) **New Outdoor speaker wire** UV protected for outdoor use. 16-gauge stranded wire. Also rated for in-wall use. 100 feet. Black. 278-1117 . . . . . 21.99

**Super selection of speaker cables**

Don't let a poor hookup spoil your music. These quality RadioShack cables are individually pretested to assure perfect connections.

**(14) With phono (RCA-type) plugs**

Feet	Cat. No.	Color	Gauge	Each
50	42-2480	Brown	18	8.99
24	42-2478	Brown	18	5.19
12	42-2479	Brown	18	4.19
24	42-2392	Gray	24	3.99
24	42-2430	White	24	3.99
12	42-2445	Gray	24	2.99
12	42-2431	White	24	2.99

**2-conductor speaker wire**

Gauge	Type	Feet	Color	In Wall	Cat. No.	Price
24	Stranded	50	Clear	—	278-1301	3.19
24	Solid	75	Clear	—	278-1509	3.49
22	Stranded	100	Clear	—	278-1385	6.49
20	Stranded	75	Clear	—	278-1388	7.99
18	Stranded	30	Clear	—	278-1602	4.99
18	Stranded	60	Clear	—	278-008	7.99
16	Stranded	50	Clear	—	278-1267	8.99
20	Stranded	30	Brown	Yes	278-1101	3.99
20	Stranded	100	Brown	Yes	278-1102	9.99
18	Stranded	30	Brown	Yes	278-1103	4.99
18	Stranded	100	Brown	Yes	278-1104	13.99
16	Stranded	30	Brown	Yes	278-1105	5.99
16	Stranded	100	Brown	Yes	278-1106	17.99
16	Stranded	30	White	Yes	278-1107	5.99
16	Stranded	100	White	Yes	278-1116	17.99

- (15) **RCA phono plug to lug.** 24-gauge conductors. 12 feet. 42-2449 . . . . . 2.49  
24 feet. 42-2450 . . . . . 2.99
- (16) **Lug to lug.** Color-coded lugs each end, ideal for screw terminals. 24-ga. conductors. 24 feet. 42-2446 . . . . . 2.49  
12 feet. 42-2447 . . . . . 1.99
- (17) **Phono plug to tinned wire.** 24-foot, with 18-gauge conductors. 42-2457 . . . . . 4.99

**The Source for Wire & Cable**

**QUESTION:** How do I choose the best kind of wire for a particular use?



**ANSWER:** Here are some basic facts that will help you make a selection:

**The conductor** is the metal part of the wire or cable that carries electricity. Just as a large pipe can carry more water than a small one, a large wire conductor can carry more electrical current.

**The gauge number** indicates the size of the conductor. A lower gauge number means larger wire. A 12-gauge conductor is larger and can carry more current than an 18-gauge conductor.

**Stranded-conductor wire** is useful in speaker and audio hookups as well as connections where wire flexibility is desired.

**Solid-conductor wire** is used in hookups or circuits where flexibility is not needed.

**In Wall speaker wire** is made especially for routing through walls. If you plan to run speaker wire behind or through walls, make sure you choose wire rated as safe for in-wall use.

**Outdoor speaker wire** has a UV protected shield to help prevent deterioration from long exposure to the sun.

- (18) **New Crimp-on speaker pin.** 5 each 22-18 gauge, 5 each 16-14 gauge. 64-3095 . . . . . Pkg. of 10/1.49
- (19) **Tinned wire at each end.** 24 feet. 18-gauge conductors. 42-2456 . . . . . 4.49
- (20) **Pin connectors at each end.** 24 feet. 18-gauge conductors. 42-2455 . . . . . 4.99



### Phone cable and modular cord

(1) **In/outdoor 4-conductor phone cable.** Rugged, 24-gauge solid conductors. UL. CMX-CM. Rated for in-wall use. 250 ft. 278-386, 35.99 ..... 100 ft. 278-385, 14.99

(2) **4-conductor phone cable.** 24-gauge solid. UL. CM. Rated for in-wall use. 278-1310 ..... **Price per foot/15¢** 100 ft. 278-873, 12.99 ..... 50 ft. 278-872, 6.59

**6-conductor phone cable.** 24-gauge solid. UL. CM. Rated for in-wall use. 100 feet. 278-874 ..... 14.99  
**8-cond. phone cable.** 100 feet. 278-876 ..... 19.99

(3) **White 4-cond. phone cable.** 24ga. solid. UL. CM. Rated for in-wall use. 278-1309 ..... **Price per ft./15¢**

**Modular phone cord.** 4-conductor stranded. 26-gauge. 100 ft. 278-366, 13.99 ..... 50 ft. 278-365, 6.99

**New** 8-cond. modular cable. 100 feet. 278-380, 19.99



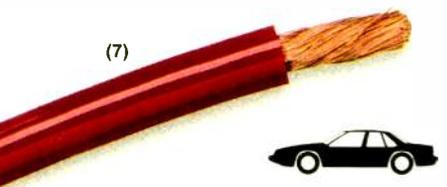
### Intercom and alarm wire

(4) **3-conductor intercom wire.** 24-gauge stranded. UL. CM. Rated for in-wall use. 50 feet. 278-871 ..... 4.99

(5) **4-conductor intercom wire.** 24-gauge solid conductors. 20 feet. 278-858 ..... 3.59

**2-conductor intercom wire.** 24-gauge solid conductors. 35 feet. 278-857 ..... 3.59

(6) **Alarm wire.** Twisted pair, 22-gauge stranded. PVC insulation. UL. Type CL2. Rated for in-wall use. 300 ft. 278-863, 27.99 ..... 100 ft. 278-862, 9.99



### Automotive and heavy-duty wire

**New** (7) **8-gauge AWG Megacable.** Flexible rope power cable. One conductor. Red. 278-1351, .99/ft. .... Black. 278-1352, .99/ft

**2-conductor cable.** 18-gauge stranded conductors. Color-coded red and black for easy hookup. UL. Type CL2. Rated for in-wall use. 25 feet. 278-567 ..... 4.29

**Automotive hookup wire.** 10-gauge stranded. Ideal for high-current uses. Heavy-duty insulation meets demands of the mobile environment. 35 feet. Red. 278-568, 11.99 ..... Black. 278-569, 11.99

**12-gauge hookup wire.** Stranded. UL. Type AWM. Rated 600 volts, 80° C. 20 feet. Red. 278-565, 4.49 ..... Black. 278-566, 4.49

### UL recognized hookup wire

Gauge	Type	Feet*	Spools	Cat. No.	Price
18	Solid	60	1	278-1217	3.99
18	Stranded	55	1	278-1220	3.99
20	Stranded	75	1	278-1219	3.99
20	Solid	80	1	278-1216	3.99
22	Solid	100	1	278-1215	3.99
22	Stranded	90	1	278-1218	3.99
18	Solid	45	3	278-1223	4.49
18	Stranded	45	3	278-1226	4.49
20	Stranded	60	3	278-1225	4.49
20	Solid	75	3	278-1222	4.49
22	Solid	90	3	278-1221	4.49
22	Stranded	75	3	278-1224	4.49

\*Total feet. Colors vary. 3-spool sets include three different colors



### Shielded cable for audio and mic hookups

**Audio cable.** Single 24-gauge stranded conductor plus shield. Great for building custom patch cords and audio interconnects. UL. Type CL2. Rated for in-wall use. 20 feet. 278-512 ..... 3.49

**2-conductor audio cable.** Two 24-gauge stranded conductors plus shield. UL. Type CL2X. 50 ft. 278-513, 7.99 ..... 20 ft. 278-514, 3.99

**OFC cable.** Oxygen-Free Copper for lower resistance, higher performance. Single conductor plus shield. 6 feet long. 6mm diameter. 278-1271 ..... 5.99  
 8mm diameter. 278-1272 ..... 7.59

**Magnet wire**  
 Three-spool assortment totaling 315 feet at a value price. This enamel-covered solid copper wire is perfect for winding your own coils and electromagnets. Includes 40 feet of 22-gauge, 75 feet of 26-gauge and 200 feet of 30-gauge. 278-1345 ..... 3.99

**Ground braid cable**  
 Tinned low-resistance, heavy-duty braided cable provides a superior connection between equipment and ground rod or grounding point. Conductor 99.9% pure copper. 10 feet. 278-1555 ..... 2.49

**Pretinned solid bus wire**  
 This 24-gauge uninsulated copper wire is ideal for hobby projects, repairing broken traces on printed circuit boards, and other applications where a small-gauge bare wire is needed. 50 feet. 278-1341, 1.79

**Coiled microphone cable**  
 Ideal for replacing worn CB, Ham and marine radio mic cords. Has 4 conductors (one is shielded). 5 ft. 278-356 ..... 2.99

**UL listed wire for test probes**  
 Stranded, 20-gauge conductor. Rated to 1000 volts and 105°C. Highly flexible, ideal for repairing or upgrading test probes or when extra flexibility without breakage is desired. Oil-resistant insulation. 20 feet. Red. 278-563 ..... 2.99  
 Black. 278-564 ..... 2.99

# Your Best Source for Wire & Cable

Whatever your cable or wire needs are, you'll find a wide selection at RadioShack. If you have any questions, you'll find that our knowledgeable sales staff will help you select what you need.

**QUESTION:**  
 How many types of telephone wire are there?



**ANSWER:**  
 There are two different types of telephone wire. Twisted pair wiring comes from your phone company to your home's jacks. It's insulated to prevent interference or "cross talk" from occurring. The other is modular line cord wiring. It's the flat cord that runs from your phone jack to your telephone.

**QUESTION:**  
 What is shielded wire?

**ANSWER:**  
 Audio & coax cables and wires have an insulated inner conductor surrounded by a conductive shield. This shield screens out electrical hum and noise that the inner conductor would otherwise pick up.

**QUESTION:**  
 What is a conductor?

**ANSWER:**  
 A conductor is the metal part of the wire or cable that carries electricity. Just as a large pipe can carry more water than a small one, a large wire conductor can carry more electrical current.

### Double-shielded cable

4-conductor cable for data or audio use. Double shield fights interference—prevents hum/electrical noise pickup. 26-gauge stranded conductors. UL type CM. Rated for in-wall use. 30 feet. 278-777 ..... 8.99

### Gold accessories

**New** Gold-plated ring terminal for 8 AWG Megacable. 278-332 ..... 9.99  
 4 AWG ring terminal. 278-333 ..... 9.99

**New** Gold-plated cable terminal for 8 AWG Megacable. Package of 2. 278-334 ..... 3.99

Gold-plated inline fuse holders. Single fuse holder. 270-701 ..... 9.99  
 Dual fuse holder. 270-704 ..... 19.99  
 Quad fuse holder. 270-707 ..... 29.99



**New** Gold-plated ring terminal for 8 AWG Megacable. Package of 4. 278-323 ..... 4.99



**New** Gold-plated inline coupler for 8 AWG Megacable. 278-330 ..... 5.99

Snap-spade gold-plated connectors. Crimp-on. Set includes four red, four black. 10-12ga. 278-311 ..... 4.99  
 14-12ga. 278-316 ..... 4.99

Dual fuse block 270-704



**QUESTION:**

What is the proper way to install a crimp-on connector?



**ANSWER:**

Strip the insulation from the wire and insert wire into terminal to be crimped. Align the crimping tool so the slot in the terminal is facing the curved receptacle in the tool. The tooth should crimp the smooth side of the terminal.



**New 150-pc. terminal assortment box**

Terminals in several sizes, so the one you need is always handy. Includes ring tongues, spade tongues, butt connectors, wire ties, storage box and more. **64-3099** ..... 9.99



**81-piece terminal kit**

Terminals in several sizes, so you'll have the one you need on hand. Includes ring tongues, spade tongues, butt connectors and more. **64-3098** ..... 6.49



**Wire-crimping tool set**

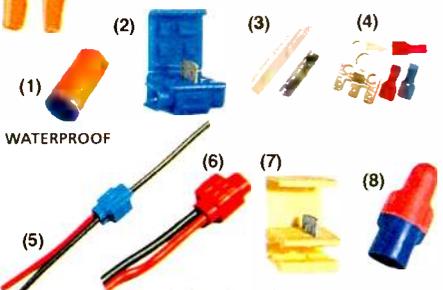
Here's everything you need to install the popular crimp-on terminals used in automotive and electrical wiring. Includes heavy-duty crimp tool with a built-in wire stripper, 100 assorted crimp terminals and a see-through organizer case. **64-409** ..... 12.99



**Crimping tools**

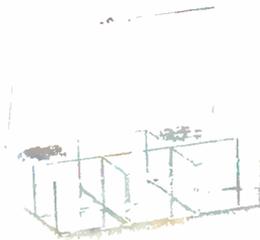
**8 1/2" crimping tool.** Crimps terminals on wires. Built-in cutter/stripper for 10 to 22-gauge wire. **64-404** ..... 5.99

**Phone installation tool.** Installs spade lugs, butt connectors and terminals on phone wiring. Great for computer crimp connectors, too. **64-410** ..... 7.99



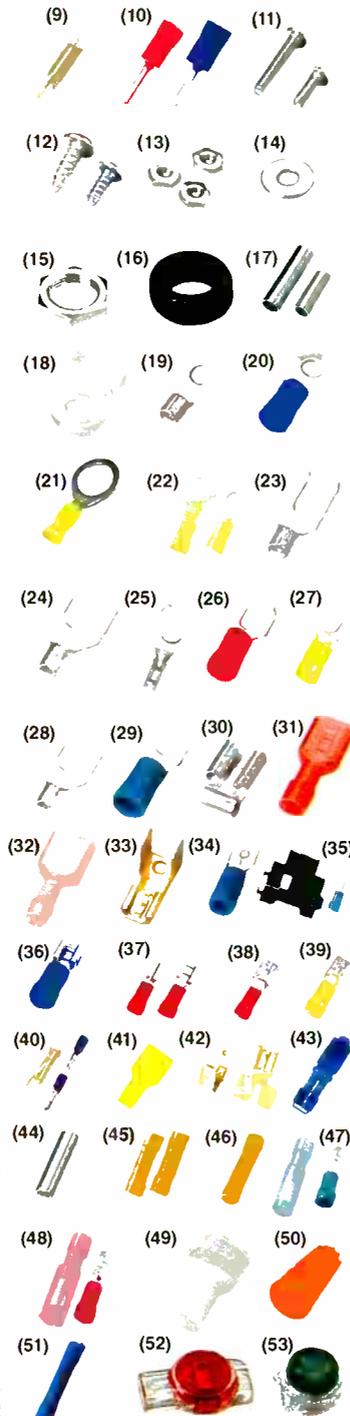
**Specialty hardware**

Fig.	Description	Qty.	Cat. No.	Price
1	Silicone filled wire connectors (for 22-14 ga.)	4	64-3065	1.99
2	NEW Silicone filled wire tap. 18-14 ga. stranded or 18-16 ga. solid	4	64-3067	1.99
3	NEW Solder & seal splice connector (24-14 ga.)	2	64-3090	1.99
4	NEW Car battery tap—Tap DC power or ground	1	64-3150	2.99
5	Wire tap-ins (18-14 ga.)	10	64-3052	1.69
6	Low-voltage tap-ins (22-18 ga.)	7	64-3053	1.69
7	NEW Low-voltage tap-ins (12-10 ga.)	4	64-3140	1.49
8	One-size wire connectors fit wires 22-12 ga.	10	64-3068	1.49
9	NEW Shrink butt connectors for 12-10 ga. wire	2	64-3111	1.99
10	NEW Pin connectors: (5) 18-14 ga. (5) 16-14 ga.	10	64-3095	1.49



**Parts storage box**

With divided compartments. 8 1/2 x 4 3/4 x 1 1/2". **64-552** ..... 2.99



**Hardware and connectors Handy-Packs \$1.49 each!**

Fig.	Description	Qty.	Cat. No.
<b>Machine screws, hex nuts and hardware</b>			
11	Round-head machine screws. 2-56. 14 each of 1/4", 1/2", 3/4"	42	64-3010
	Machine screws. 4-40. 14 each of 1/4", 1/2", 3/4"	42	64-3011
	Machine screws. 6-32. 14 each of 1/4", 1/2", 3/4"	42	64-3012
12	Pan head sheet-metal screw assortment	35	64-3016
13	Steel machine hex nuts. 40 each: 2-56	40	64-3017
	Steel machine hex nuts. 30 each: 4-40	30	64-3018
	Steel machine hex nuts. 30 each: 6-32	30	64-3019
14	Flat washers. 20 each of #2, #4, #6, #8, #10	100	64-3022
15	Control nuts. 8 each of 1/4-32, 3/8-32, 7 of .475-32	23	64-3020
16	Grommets. 7 each: 1/4", 3/8", 1/2". 5 each: 3/16", 1/8"	31	64-3025
17	Aluminum spacer assortment.	24	64-3024
18	Polypropylene cable clamps. 6 each: 1/8", 3/16", 1/4" dia.	18	64-3028
<b>Ring tongues</b>			
19	Solderless ring tongues. 12 each: #6 (6 for 22-18 ga.), (6 for 16-14 ga.), 12 each: #8 (6 for 22-18 ga.), (6 for 16-14 ga.)	24	64-3030
20	Solderless insulated ring tongue assortment. 6 each: #6 (4 for 22-18 ga.), (2 for 16-14 ga.), 4 each: #8 (2 for 22-18 ga.), (2 for 16-14 ga.)	10	64-3032
21	Insulated large ring tongues. 2 each: 1/4" for 16-14 ga., 2 each: 1/2" for 16-14 ga., 2 each: 1/2" for 12-10 ga.	6	64-3040
22	Insulated ring connectors (for 12-10 ga.). 2 each: #10, 1/4", 3/16"	6	64-3120
<b>Spade tongues</b>			
23	Solderless flanged spades. 12 each: #6 (6 for 22-18 ga.), (6 for 16-14 ga.), 12 each: #8 (6 for 22-18 ga.), (6 for 16-14 ga.)	24	64-3043
24	Solderless spade tongues. #10 (12 for 22-18 ga.), (12 for 16-14 ga.) (As above, but insulated.) 5 each	24	64-3034
		10	64-3035
25	Insulation-piercing phone spade lugs	24	64-3070
26	Solderless flanged insulated spades. 6 each: #6 (4 for 22-18 ga.), (2 for 16-14 ga.), 4 each: #8 (2 for 22-18 ga.), (2 for 16-14 ga.)	10	64-3044
<b>Antenna lead terminals</b>			
27	NEW Solderless insulated spades. 3 each: #8 & #10 (for 12-10 ga.)	6	64-3130
28	Solderless spade tongues. 12 each: #6 (6 for 22-18 ga.), (6 for 16-14 ga.), 12 each: #8 (6 for 22-18 ga.), (6 for 16-14 ga.)	24	64-3031
29	Solderless insulated spade tongues. 6 each: #6 (4 for 22-18 ga.), (2 for 16-14 ga.), 4 each: #8 (2 for 22-18 ga.), (2 for 16-14 ga.)	10	64-3033
<b>Quick disconnects</b>			
30	Female flag quick-disconnects. 5 each: 187 fem NIQD flag (16-14 ga.), 5 each: 250 fem NIQD flag (16-14 ga.)	10	64-3046
31	Solderless insulated M/F Q-Ds. 4 each: fem FIQD coupler (2 for 22-18 ga.), (2 for 16-14 ga.), 4 each: male FIQD coupler (2 for 22-18 ga.), (2 for 16-14 ga.)	8	64-3049
32	Insulated female quick-disconnects (for 22-18 ga.)	6	64-3058
33	Single female to dual male quick-disconnects (for 26-24 ga.)	6	64-3061
34	Male quick-disconnects: 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4"	10	64-3038
35	Reusable quick conn. 3 each: receptacle (18-14 ga.) span male (16-14 ga.)	6	64-3089
36	Female quick-disconnects. 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4" (for 16-14 ga. wire size)	10	64-3039
37	NEW Female. Insulated. 5 each: insulated .250" and .187" (for 22-18 ga. wire size)	10	64-4039
38	NEW Insulated female and male. 5 male 1/4", 5 female 1/4" (for 22-18 ga. wire size)	10	64-4040
39	NEW Insulated female and male. 3 male 1/4", 3 fem. 1/4" (12-10 ga.)	6	64-3137
<b>Bullet connectors</b>			
40	Insulated. 6 each: male (for 16-14 ga.), 3 each: dual female	9	64-3047
41	NEW Insulated. Male and female quick disconnects (12-10 ga.)	6	64-3135
42	NEW Single female to dual male quick disconnects	8	64-3064
43	NEW Fem. quick disconnect wire tap connectors. For 18-14 ga. wire	6	64-3092
<b>Butt connectors</b>			
44	Butt connectors: (10 for 22-18 ga.), (10 for 16-14 ga.)	20	64-3036
45	Insulated butt connectors (for 12-10 ga.)	6	64-3110
46	Insulated butt connectors: (5 for 22-18 ga.), (5 for 16-14 ga.)	10	64-3037
<b>Snap connectors</b>			
47	Snap connectors: 5 each male and female (for 16-14 ga.)	10	64-3086
48	Snap connectors: 5 each male and female (for 22-16 ga.)	10	64-3085
<b>Telephone alarm connectors</b>			
Fig.	Description	Qty.	Cat. No. Price
49	Closed-end connectors. Insulated. (5 for 24-16 ga.), (5 for 18-12 ga.)	10	64-3041 1.49
50	Wire connectors (6 each for 22-18 ga. and 16-14 ga.), (4 for 12-10 ga.)	16	64-3057 1.49
—	Insulated crimp terminals	75	64-0407 2.59
51	Phone wiring butt connectors 22-26 AWG	24	64-3073 1.49
52	Phone/alarm wire splices	4	64-3080 2.19
53	Phone wire UG tap connectors	4	64-3081 2.19





**Ultrasonic digital "tape" measure**

No tape to pull out—just aim and read the distance on the LCD display. Uses ultrasound to accurately measure straight-line distances from 2 to 45 feet. Also calculates square or cubic feet and stores measurements. Shows feet or meters. Requires 4 "AAA" batteries. 63-645, 27.99



**STUDFINDER™ ends guesswork**

Indicates exact center of wooden studs, ceiling joists or metal framing. Also spots pipes and conduits. Makes it easy to hang pictures, shelves or cabinets. LED lights up and beeper sounds at the edge of the stud then turns off at opposite edge. Automatically recalibrates. Requires 9V battery. 64-2825 . . . . . 24.99



**Magnetic pick-up tool**

Extends from 6" to 20 1/2". Super-strong magnetic tip is great for retrieving parts and tools in hard-to-reach places—ideal for working on your car. 64-1902 . . . . . 4.99



**Alignment tool sets**

For adjusting coil and transformer slug cores, trimmer capacitors and pots.  
**3-piece anti-static set.** 64-2230 . . . 3.99  
**5-pc. TV alignment set.** 64-2220 . . . 2.99  
**2-pc. TV alignment set.** 64-2223 . . . 99¢



**Precision knives**

**10-blade set.** Metal handle and 10 interchangeable steel blades for exact cutting and scribing. Includes fitted storage case. An excellent knife set for art, graphics, crafts and hobby projects. 64-1801 . . . . . 4.99

**Multipurpose metal hobby knife.** 64-1805 . . . . . 1.49



**18-piece hex key set**

Made of hardened and tempered chrome vanadium steel for heavy-duty use. Includes 18 of the most commonly used sizes. Great for machinery, power tools and automotive use. 64-1816 . . . . . 6.49



**Sanding pen**

20,000 glass fibers clean every corner, crevice and pocket. Works great for solder preparation, cleaning terminals and contacts. With extra tip. 64-1986 . . . . . 4.99



**5-piece needle file set**

Designed for precise filing. Ideal for deburring drilled holes and preparing the surfaces of plugs and connectors for soldering. Includes square, flat, triangle, round and elliptical files. 64-1985 . . . . . 6.49



**Nibbling tool**

"Nibbles" away at light-gauge sheet metal, copper, aluminum or plastic with each squeeze of handles. Great for car stereo installs, crafts, other jobs. 64-823 . . . . . 10.99

**Pro Tools for Easy Repairs**



**14-piece computer tool set**

Includes anti-static IC inserter and extractor, non-conductive parts retriever, tweezers, four demagnetized screwdrivers—1/8" and 1/16" slot, #0 and #1 Phillips—plus 3/16" and 1/4" nutdrivers, T10, and T15 Torx, parts tube, zippered case. 64-1990 . . . . . 14.99



**Locking forceps**

Ideal for selecting and positioning small parts.

**5 1/2" stainless steel forceps.** 64-1940 . . . . . 4.49  
**6" stainless steel forceps.** 64-1866 . . . . . 4.99

**Screwdrivers**



**Jeweler's driver sets**

- (1) **16-piece screwdriver and nutdriver set.** Small precision drivers in a fitted case. For repair work, hobbies, watches. 64-1961 . . . . . 10.99
- 6-piece slot mini drivers.** 1/32", 1/16", 1/8", 1/4", 1/2", 3/8". 64-1948 . . . . . 4.59
- 6-piece combo set.** #1 and #0 slot, 1.4, 2.0, 2.4, 2.9mm Phillips. 64-1959 . . . . . 4.79
- 6-pc. mini Phillips.** 1.4, 1.6, 2.0, 2.4, 2.9, 3.8mm. 64-1962 . . . . . 4.79
- (2) **3-piece mini slot set.** Plastic pouch. 64-1982, 1.79



**New 6-piece precision screwdriver set**

Professional quality. Anti-static handles rotate for greater torque. Durable alloy steel shafts. Set includes: 1.4mm, 2.0mm, 2.4mm, and 3.0mm blades, #0 and #1 Phillips bits. 64-1963 . . . . . 5.99



**7-piece set of screwdrivers**

Deluxe set includes 1/4" x 1 1/2" stubby, 1/2" x 2" midget-size, 3/16" x 6" cabinet, 3/16" x 4" and 1/4" x 4" mechanic's slot-type screwdrivers, plus #1 and #2 Phillips screwdrivers. 64-1823 . . . 7.99

**Reversible driver**

Has 1/16" slot-type on one end and #1 Phillips on other. 64-1950 . . . . . 2.79

**Torx reversible driver.** T10 and T15 sizes. 64-1947 . . . . . 3.49



**New Keychain screwdriver set**

Comes with four bits that fit in keychain case: 1/8" and 3/16" slot and Phillips #0 and #1. 64-1901 . . . . . 3.99



**New 17-pc ratchet screwdriver set**

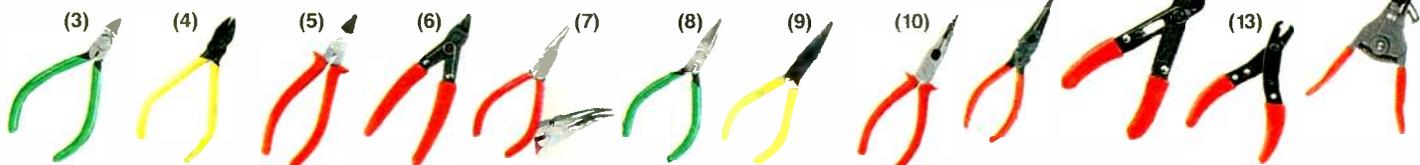
Nutdriver: 3/32", 1/8", 1/4", 3/8", 1/2". Phillips: #0, #1 and #2. Slot: 1/8", 3/16". Hex: 1/32", 1/16". Torx: 8, 10 and 15. 64-1904 . . . . . 7.99



**New Multi-tip screwdriver set**

Includes telescoping magnetic tool to pick up parts. Phillips bits: #0, #1. Slot: 1/8", 3/16". Torx: T10 and T15. 64-1946 . . . . . 9.99

**Wire cutters, pliers & wire strippers**

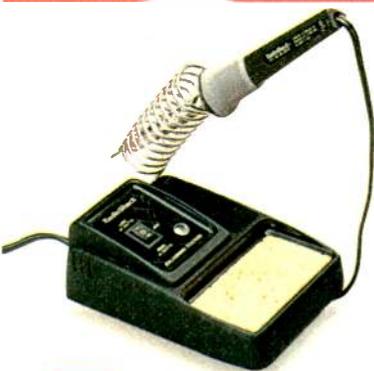


- (3) **Diagonal wire cutters.** Spring action. Cutting edges electronically hardened. 64-1930 . . . . . 6.99
- (4) **4 1/2" diagonal cutters.** Spring action. 64-1813 . . . . . 6.99
- (5) **6" diagonal electrical cutters.** Heavy-duty forged steel. Flared insulated grips. 64-1845 . . . . . 3.99
- (6) **5" nippy cutters.** Flush cutting—trims leads close to PC boards. Spring action. 64-1833 . . . . . 3.99

- (7) **New Bent-nose pliers.** Reach where others don't. 64-1809 . . . . . 6.99
- (8) **Thin long-nose pliers.** Spring action. Serrated jaws for non-slip grip. Alloy steel. 64-1931 . . . . . 6.99
- (9) **5 1/4" long-nose pliers.** Pro quality with spring-action return. 64-1812 . . . . . 6.99
- (10) **6 1/4" long-nose pliers.** Hardened steel. With wire cutter and flared grips. 64-1844 . . . . . 3.99

- (11) **4-in-1 long-nose pliers.** Built-in wire stripper, wire cutter and cord divider. 64-1847 . . . . . 4.99
- (12) **Budget wire-stripper/cutter.** For 10 to 24-gauge wire. 64-2129 . . . . . 2.99
- (13) **"Dial" wire stripper/cutter.** Set the dial to perfectly strip 12 to 24-gauge wire. 64-1952 . . . . . 4.59
- (14) **Automatic wire stripper.** Holds wire while blade strips insulation. For 8 to 22-gauge wire. 64-1919 . . . 12.99





**New Soldering work station with dual-powered iron**

Includes everything you need to make soldering jobs go smoother. Dual-powered iron handles most electronic and electrical jobs—just flip a switch to go from 20 watts to 40 watts. Carbon steel holder secures the iron when it's not in use and helps prevent solder splatters and burn marks. Sponge pad cleaner keeps tips clean. "On" indicator light.

64-2184 ..... 19.99  
Light-duty replacement tips. 64-2089 ..... Pkg of 2/5.49  
Assorted replacement tips. 64-2084 ..... Pkg of 3/5.99



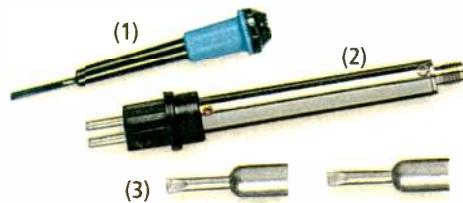
**Cool-grip 30-watt soldering gun**

The comfortable molded handle is easy to hold. "Cool-grip" design keeps your hand from getting overheated. Just the thing for benchtop or hobby work.

64-2066 ..... 6.49  
Replacement tip. 64-2065 ..... 1.19

**Extra tips for soldering guns**

For Use With	Cat. No.	Pkg. of 2
Archer 64-2193/2192	RSU 11916970	1.99
Weller D440, 8200 and Archer 64-2190	64-237	1.99
Weller D550	64-234	1.99



**Custom-assemble an iron to fit your exact needs**

Mix and match heating elements, handle and tips.

Fig.	Description	Cat. No.	Price
1	Cool grip handle	64-2110	6.99
2	45-watt heating unit	RSU 11461639	10.99
...	35-watt heating unit	64-2112	8.99
...	25-watt heating unit	64-2111	7.99
3	Iron clad light-duty tips (2)	64-2089	5.49
...	Surface mount tips (2)	RSU 10037992	4.99
...	Light, medium, heavy-duty tips (3)	64-2084	5.99



**Dual-heat soldering gun with light**

Powerful and versatile! Select 230 watts (up to 1100°F) for soldering metals such as copper, tin and brass. Choose 150 watts (up to 950°F) for electric work, general soldering and hobby work. Features a one-finger, dual-heat trigger switch—squeeze to first position for low temperature, second position for high temperature. Handy prefocused light. Contoured handle and balanced design for maximum control and comfort. Includes tip. 64-2187 ..... 29.99

Replacement tips. RSU 11437506 ..... Pkg of 2/2.99



**100-watt soldering gun with light**

Plenty of power to make soldering jobs easier. High-speed—pull trigger and the tip reaches full temperature in just seconds. Built-in light illuminates work. Rugged gun is ideal for demanding jobs such as soldering plugs on cables. Comfort molded pistol-grip. 64-2193 ..... 12.99

Replacement tips. RSU 11916970 ..... Pkg. of 2/1.99



**Auto solder feeder allows one-handed soldering**

Easy to use! Feeds solder with the squeeze of a finger for no-hassle one-handed soldering. Uses 0.5mm to 1.8mm diameter solder. Attaches to RadioShack\* and other pencil soldering irons. 64-2064 ..... 7.49

\*Use with RadioShack catalog numbers: 64-2051, 64-2055, 64-2067, 64-2070, 64-2071, 64-2802, 64-2803

**Pocket-size torch kit for soldering/brazing**

Produces up to 5000°F in an adjustable pinpoint flame. Great for those on-the-run repair jobs requiring high, pinpoint heat. Will heat, braze or cut most metals, including noble and rare metals, so it's ideal for jewelry repair. With one butane and two micronox cylinders, two tips, storage tray. 64-2165 ..... 29.99

Six brazing rods and flux tube. For use with #64-2165, above. RSU 11376142 ..... 6.99



**Mini butane torch fits in pocket or toolbox**

Heats to 2500°F. Designed for creative metal work and minor repairs in the home, shop or field. For soldering, heating, removing paint. One refill cylinder. 64-2164, 15.99

**Extra cylinders.**

Butane. 64-2166 ..... Pkg. of 2/4.19  
Micronox. 64-2167 ..... Pkg. of 2/3.19

**RadioShack is Your Soldering Connection**

Soldering is the best way to make permanent connections in projects and repairs. RadioShack has a wide selection of tools to do the job right.



**Gas-powered soldering iron**

Use anywhere! A must for toolbox. Provides up to 60 minutes of heating, and refills in seconds with standard butane lighter fuel. Adjustable output, equivalent to 10-60 watts. Add optional tips for use as a blow torch, hot knife, heat blower! 64-2182, 34.99



**Replacement parts and special-purpose tips for 64-2182, above.**

1mm. 64-2183 ..... 9.99  
2.4mm. RSU 10038024 ..... 9.99  
Heat blower tip.  
RSU 10038040 ..... 9.99  
Hot knife tips.  
RSU 10038057 ..... 9.99  
Blow torch tip.  
RSU 10038032 ..... 9.99  
Set of 4 tips.  
RSU 10038065 ..... 29.99



**Pencil soldering irons**

(4) **Extra-versatile dual-wattage iron.** Just flip the switch on the handle to go from 15 watts to 30 watts. Excellent for most electronic and electrical projects. 64-2055 ..... 9.99  
Replacement tip. 64-2065 ..... 1.19

(5) **30-watt mobile.** Plugs into car cigarette lighter socket. Ideal for automotive accessory and car stereo wiring jobs. Extra-long 12-foot cord. 12VDC. 64-2105 ..... 8.99  
Replacement tip. 64-2072 ..... 1.29

(6) **15-watt with grounded tip.** Good choice for integrated circuit work. 64-2051 ..... 7.99  
Replacement tip. 64-2052 ..... 99¢

(7) **40-watt pencil iron ideal for larger jobs.** Produces 600-640°F. Screw-in 1/4" tip. Includes safety stand. 64-2071 ..... 7.99  
Replacement tip. 64-2072 ..... 1.29  
30-watt pencil. 64-2067 ..... 5.99  
Replacement tip. 64-2065 ..... 1.19  
25-watt pencil. 5/32" tip. 64-2070 ..... 6.99  
Replacement tip. 64-2073 ..... 1.29



### 11-piece soldering tool set

Tops for kit builders and light to medium-duty work. 30-watt pencil iron, safety stand, rosin core solder, solder helper, 5 1/2" longnose pliers, 5 1/4" diagonal cutter, 5 3/4" and 4 1/4" regular screwdrivers, 4 1/2" Phillips screwdriver, heat sink and carrying case.

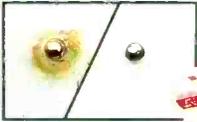
64-2803 ..... 19.99



### 5-piece basic soldering set

Includes everything you need for basic soldering jobs in one package. Comes with a 30-watt soldering iron, iron safety stand, rosin core solder, soldering helper, heat sink, plus easy-to-follow beginner's soldering instructions. 64-2802 ..... 7.99

### Solder and soldering accessories



Helps you get better-looking connections!

#### Clear flux solder

Great for projects and design work. High-strength solder provides better-looking results—holds shape, dries smooth. Repair joints on circuit boards in PCs, TVs, VCRs, CBs, Ham radios, other electronic devices. 60% tin, 40% lead, rosin-flux core, .063" size, 2 oz. 64-018 ..... 3.89



(1) **(1) Tip tinner/cleaner compound.** Keeps your soldering iron ready for making quick and efficient connections, and prevents oxidation of tips. Chemically neutral and non-toxic. 64-020 ..... 5.99



(2) **(2) Desoldering braid.** Just press onto solder connection with hot iron; solder wicks-up to braid. 64-2090 ..... 2.29



(3) **(3) Desoldering bulb.** Easy! Heat up solder to molten state and vacuum up with bulb. 64-2086 ..... 2.79



(4) **(4) Rosin soldering flux.** Nonflammable, cannot spill. Wipes clean with cloth or solvent. 1 oz. 64-021 ..... 2.19



(5) **(5) Solder-weld.** Silver-bearing paste. Use with lighter or iron. Ideal for RF hookups. 7.1 grams. 64-029 ..... 3.99



(6) **(6) Lead-free solder.** High-strength. For repairing joints on printed circuit boards in computers, TVs, VCRs, CBs, Ham radios. 96% tin/4% silver. 0.032" diameter size. 0.25 oz. 64-025 ..... 2.89



**(6) 0.062" diameter lead-free solder.** 0.5 oz. 64-0026 ..... 2.89



(7) **(7) Lead-free rosin-core solder.** For fine electronic soldering. 0.050" size, 97% tin/3% copper. 2 oz. 64-027 ..... 5.49



(8) **(8) Solder tape strips.** Solder with a match or lighter! For outdoor hookups, antenna jobs. Pkg. of 100. 64-010 ..... 1.59



(9) **(9) Rosin core solder.** Standard 60/40 formula.



.062", 0.5 oz. 64-001 ..... 1.19



.062", 1.5 oz. 64-002 ..... 2.19



.062", 4.0 oz. 64-004 ..... 4.19



.062", 8.0 oz. 64-007 ..... 6.69



.062", 1 lb. 64-008 ..... 10.99



.050", 1.5 oz. 64-006 ..... 2.69



.032", 2.5 oz. 64-005 ..... 3.79



.032", 8.0 oz. 64-009 ..... 7.99



(10) **(10) Silver solder.** High-grade solder, ideal for surface-mount devices. 62/36/2% formula. 0.022" size. 1.5 oz. 64-013 ..... 3.49



(11) **(11) Hi-tech solder.** 63/37% formula. 0.050" size. 1.5 oz. 64-015 ..... 2.99



### Benchtop accessories



(12) **(12) Soldering iron holder and cleaner.** All-in-one solder station helps keep your workbench free from solder splatters and burn marks. Coil holder protects you and your work while the convenient sponge cleans soldering tip. 64-2078 ..... 6.49



(13) **(13) 4-piece solder/desoldering tool set.** Heat sink prevents damage to sensitive components when soldering. Includes a versatile brush/scrapper and two probes. 64-2227 ..... 4.19



(14) **(14) 4-piece probe set.** Professional picks designed for precision work—scribing, marking, separating, positioning and counting. Hardened, tempered stainless steel. 64-1941 ..... 9.99



### Energovac® cordless mini vacuum

Just right for quick cleanups in workshop, car, around the house. Includes brush and nozzle attachments. Easy-to-clean filter. 9 1/4" long. Requires 4 "AA" batteries.

61-2504 ..... 9.99



### Vacuum-base mini vise

Holds parts securely for soldering, gluing, drilling. 64-2094 ..... 4.59



### Extra "hands" with magnifier

Two alligator clips hold parts securely. Ball joints permit movement to best working angle. Magnifier brings the work up close. 64-2063 ..... 9.99



(15) **(15) One-handed desoldering iron.** Desoldering made easy! Leaves one hand free. Vacuum bulb and replaceable tip. 45 watts. 8" long. 5-foot cord. 64-2060 ..... 9.99



Replacement tip. 64-2061 ..... 1.29



(16) **(16) Vacuum desoldering tool.** Heavy-duty vacuum device pulls up hot solder—no mess, no fuss. 64-2098 ..... 6.99



(17) **(17) Desoldering tool.** Spring action, lifts solder with little effort. Easy, one-handed operation. 64-2120 ..... 5.99

### QUESTION:

What's the correct way to solder?



### ANSWER: Follow these three steps:

**ONE:** The connection to be soldered must be clean. A small file, sanding pen or steel brush can be used if needed. With electronic equipment, you should always use a rosin core solder. Use RadioShack's for best results.

**TWO:** When first using a new gun or iron, coat the tip with solder to prevent oxides from forming, then immediately brush off the excess with a soft cloth to form a smooth, silvery soldering surface. This process is called "tinning" and should be performed periodically for efficient soldering.

**THREE:** Apply tapered surface of the tip to the connection. Allow connection to become hot, then apply solder (see picture below). Don't use the point to melt solder—let the connection melt it to avoid "cold" solder joints (poor joints that go bad later). When solder begins to flow, carefully lift tip away from work while keeping the connection stable. When soldering delicate components, work quickly and use a heat sink to draw off damaging heat.

Caution: Do not touch hot iron tip or molten solder





**Economy 12-oz. dust remover spray**

Excellent for cleaning delicate surfaces—camera, camcorder and projector lenses, copiers, computer keyboards and screens, LCD displays and more. With extension tube. Trigger spray. 64-4350 . . . . . 9.99



**Dust remover spray sized for toolbox**

CFC and HCFC free. Cleans delicate equipment safely; contains no harmful solvents. Flexible 6" extension tube allows cleaning even in those hard-to-reach places. Non-flammable. Leaves no residue. Handy 4.5 oz. size. 64-4325 . . . . . 6.49



**Professional cleaner and degreaser kit**

Sprays away grease, oxides, grime—ideal for use on non-powered circuit boards, components and more. Safe on plastics. With professional-grade reusable horsehair brush attachment for extra cleaning power. 64-4322 . . . . . 15.99 Refill. 5 oz. 64-4323 . . . . . 6.99



**Cooling spray helps spot thermal defects**

Find flaws easier in components and printed circuit traces. Also great for protecting heat-sensitive components during soldering. Non-flammable. Cools to below -62°F, leaves no residue. 4.5 oz. 64-4321 . . . . . 6.99



**Dust remover spray—8 oz. size**

A great way to clean cameras, circuit boards, copiers, keyboards, projectors and other equipment that have easily scratched surfaces. With flexible extension tube. 64-4326 . . . . . 7.99



**TV-tuner/control cleaner/lubricant**

Restores performance by cleaning dirty contacts in TV tuners, volume or tone controls and switches. Ideal for use on all types of home and automotive electronics. Often, a quick cleaning eliminates "scratchiness" in volume or tone controls and drift in rotary TV tuners. Non-flammable. Safe on most plastics. 4.5 oz. 64-4315 . . . . . 7.99



**Color TV tuner cleaner and lubricant spray**

Concentrated formula safely cleans dirty contacts in rotary-type tuners, switches, volume and tone controls. Flexible extension tube allows application in hard-to-reach spaces. Non-flammable. 4.5 oz. 64-4320 . . . . . 8.99



**Anti-static cleaner cuts dust buildup**

Neutralizes static electricity on exterior surfaces to help eliminate dust buildup. Great for keyboards, copiers, TVs, printers; plus other glass, plastic and metallic surfaces. 6 oz. 64-3310 . . . . . 4.49 Not for use on internal electronic components.

# Spray Away Problems

Clean, lubricate and maintain electronic equipment the quick and easy way.

RadioShack offers a great selection of time-saving service chemicals, many with improved formulas. Our cleaner/degreaser, for instance, dissolves a broader range of contaminants than most others. Our rosin flux remover, unlike some others, will not harm most plastics. RadioShack's famous tuner cleaners help keep all types of switch contacts and rotary controls in top condition. Just a small amount of cleaner removes dirt and tarnish, usually without having to dismantle equipment. Many of our aerosol products include a brush attachment that helps you do a better cleaning job while using less cleaner. All aerosol products on this page meet or exceed all current EPA requirements.



**Electronics cleaner with brush attachment**

Cleans away dust, dirt and oxides. After spraying, use the included brush to remove heavy concentrations in hard-to-reach places. Safe on most plastics. Leaves no residue. 5.5 oz. 64-4327 . . . . . 10.99



**Professional flux remover kit**

Easy way to remove rosin flux deposits from printed circuit boards, connectors. Includes professional grade reusable brush attachment. 64-4330 . . . . . 15.99 Refill. 5 oz. 64-4324 . . . . . 5.99



**Gold-contact cleaner pen**

Cleans and applies a micro-thin, long-lasting non-insulating coating that fights oxide buildup. Specially formulated for gold contacts, and great for all other types of computer card-edge connectors, audio connectors, battery contact points. 64-4340 . . . . . 6.99



**Pen-style contact cleaner**

Easy-to-use pressure-sensitive applicator dispenses cleaning fluid as you wipe contacts. Removes fluxes, light oils and dirt from contacts and tape heads. Safe for metals and most plastics. 64-4341 . . . . . 4.99



**Silicone-free heat-sink pen**

Applies a non-migrating coating that assures proper heat transfer from heat-generating components to heat sink or metal chassis for dissipation. Will not harden, dry out or melt. 64-4342 . . . . . 5.99

**Precision oiler with TEFLON®**

Super-lubricant TEFLON sticks to surface, will not wash off. Precision tip fits into hard-to-reach places. For electronics, electric motors, marine equipment. 3/4 oz. 64-2301 . . . 2.49 TEFLON® E I duPont De Nemours & Co., Inc



**Household lubricating gel**

General-purpose TEFLON lubricant is perfect for hinges, sliding doors, tools and more. Superior adhesion—stays where you put it. Non-corrosive. 3-oz. tube. 64-2326 . . . . . 2.99



**Aerosol brush replacement**  
For flux remover #64-4330, cleaner/degreaser #64-4322, and dust remover #64-4326. 1/2" natural horsehair bristles cut risk of static damage while improving cleaning efficiency. 64-4335 . . . . . 12.99

**Handy 10-pack of extension straws**

Replacement straws will fit RadioShack aerosol cans and many others. Help you direct spray into hard-to-reach places. 64-4301 . . . . . 1.19



### 5-pack of colorful electrical tape

Five 3/4" x 12-foot rolls of premium quality, UL listed electrical tape, each roll a different color—perfect for color-coding electrical hookups, storage boxes and many other uses around your home, workshop and vehicle. **64-2340** ..... Set **2.49**



### High dielectric strength PVC tape

Rated 10,000 volts. Excellent for electronic and household use. UL listed. 1/2" x 12 1/2 feet. **64-2348** ..... **69¢**  
3/4" x 20 feet. **64-2349** ..... **99¢**  
3/4" x 66 feet. **64-2350** ..... **1.99**



### Super-strength electrical tape

Our finest. Tough 7-mil tape is moisture-resistant and fire-retardant. Withstands 0° to 220°F temps without cracking or peeling. 3/4" x 66-ft. roll. **64-2352** ..... **2.99**



### All-purpose sealing tape

Provides an airtight seal against the weather. This strong adhesive tape is unaffected by normal heat, cold or humidity. 2" x 30-foot roll. **64-2347** ..... **2.49**



### Indoor/outdoor silicone tape

Self-fuses to create a tight, permanent bond. Convenient alternative to heat-shrink tubing and tape—faster and easier to use. High dielectric strength. 1" x 3-ft. roll. **64-2336** ..... **2.69**



### New High-visibility vinyl safety tape

High-contrast adhesive-backed tape increases daytime and nighttime visibility on items throughout your home or workplace. Perfect for marking electrical "hot" wires. 1" x 2-ft. roll. **64-2357** ..... **3.99**



### SUPERLOCK™ strips

Super hook-and-loop fasteners have five times the holding power of ordinary mounting strips. Includes four 1" x 3" strips. Tensile strength: 4 pounds per square inch. Shear strength: 4 pounds per square inch. **64-2360** ..... **2.99**



### SUPERLOCK clear

These hook-and-loop fasteners are ideal for mounting objects on glass or a non-porous surface. Set of four 3" strips. Tensile strength: 4 lbs./in. Shear strength: 4 lbs./sq. in. **64-2363** ..... **3.19**



### Hook-and-loop strips

For temporarily or permanently attaching items—accessories to car dash, grill cloth to speakers, small pictures to wall. Holds firmly but can be peeled apart easily. Four 3" self-adhesive strips. **64-2345** ..... **2.69**



### Double-sided foam tape

1,005 handy uses around home, shop and office. Attach accessories to vehicle dash, telephone, TV, desk, inside kitchen cabinets and—well, you'll quickly find the other 1,000 uses. 3/4" x 40" roll. **64-2343** ..... **1.99**



### SUPERMOUNT™ tape

Double-sided foam tape with extra sticking power. Shear strength: 4 lbs per square inch. Includes four 1" x 3" strips. **64-2361** ..... **1.99**



### Standard double-sided tape

Eight 1" x 3" strips. **64-2344** ..... **1.99**



### Shock-absorbing self-stick bumpers

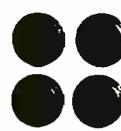
Hexagonal 3/8" pads are ideal for use on cabinets, picture frames, mirrors, drawers and small project housings. Help protect walls and furniture. 27-piece set. **64-2338** ..... **1.49**

# We Help You Keep it All Together

We have everything you need. And we'll help you choose the best fastener for the job.

### Important specifications for tape & fasteners:

**Tensile strength** is the ability of a tape to resist breaking. **Shear strength** is effectiveness of a tape's adhesive. Both are measured in pounds per square inch; higher numbers mean higher strength.



### Self-stick rubber feet

Protect desk, table or work area from damage. Simply peel the paper off these adhesive-backed feet and stick one on each corner of the bottom of equipment. Ideal as replacement feet—help keep your equipment from rocking. **64-2346** ..... **Pkg. of 12/1.19**



### Clear cushion feet

Self-adhesive 1/2" round plastic protectors. Use on the bottom of equipment to help prevent scratches on your table, desk, shelf or work area. **64-2365** . . . **Pkg. of 12/1.49**



### Jumbo-size self-stick feet

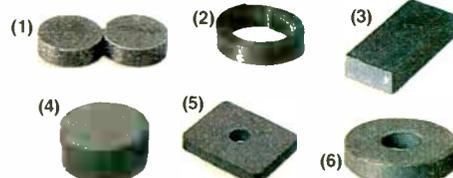
The ones to choose for heavier equipment. They mount on the bottom of equipment to help prevent damage and scratches on desk, table, shelf or cabinet. Size: 3/4" square. **64-2342** ..... **Pkg. of 8/1.79**

## Magnets



### New Peel-and-stick magnetic sheets

Perfect way to add labels to projects. Adhesive side secures label to sheet, magnetic side holds sheet to iron or steel surface. Use scissors to cut 4" x 6" sheets to any size. **64-1886** . . . **Pkg. of 2/2.49**



Great for science projects and experiments as well as everyday uses such as holding notes on a file cabinet or pictures and drawings on the refrigerator.

(1) Rare-earth super magnets. Powerful pull yet only 1/8" diameter. **64-1895** ..... **Pair 1.59**

(2) Magnetic tape. Use to hold signs or small tools on iron or steel surfaces. Adhesive backed. 1/2" x 30". **64-1890** ..... **99¢**

(3) High-energy ceramic magnet. 1 7/8" x 7/8" x 3/8". **64-1877** ..... **99¢**

Ceramic magnets. High-power pull at low cost.

Fig.	Description	Cat. No.	Pkg. of 5
4	1/2" button	64-1883	1.49
5	1" rectangle	64-1879	1.79
6	1 1/8" round	64-1888	1.79

## Epoxy glue and strips, sealants, and quick-bond super glue



### Epoxy in a twin tube dispenser

No measuring, less waste and mess. Just press the plunger to meter out the proper ratio of resin and hardener. Bonds wood, metal, fiber glass, ceramics, china and glass. 1 oz. **64-2313** ..... **2.99**



### New Non-clogging super glue pen

Push button for precise application. Bonds in seconds on contact. No clamping needed. Even bonds on oily and dirty surfaces. For aluminum, steel, bronze, copper, some plastics. Dries clear. 0.7 oz. **64-2329** . . . **2.79**



### Silicone rubber sealant

Ideal for sealing windshields, glass in aluminum frames, aquariums and antenna installations. Also great for caulking bathroom tiles and fixtures. Cures to a tough, flexible moistureproof seal. Big 3 oz. tube. **64-2314** ..... **2.99**



### All-purpose adhesive

Strongly bonds metal, glass, ceramics, china, plastic, rubber, wood, jewelry and more! 1 oz. **64-2302** ..... **1.99**



### Waterproof epoxy strips

Mold like clay—set like steel. Seal masonry and plumbing leaks and cracks, bond metal, wood and plastic. Can be drilled, sanded and filed to a finish. Waterproof. **64-2303** ..... **1.99**



### Quick-bond super glue

Bonds most nonporous materials in seconds—metal, glass, plastic, rubber, vinyl and ceramics. Great for repairing china cups, figurines, circuit boards, toys. Seals plastic or aluminum housings and has many other uses. 0.11 oz. **64-2308** ..... **1.79**

**PC interface! Multimeter works alone or you can connect it to your computer**

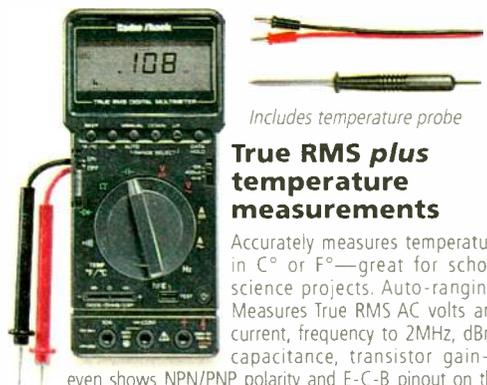
Two meters in one! Use it for general testing and troubleshooting or connect it to a PC-compatible computer for advanced capabilities such as unattended measurement recording with time logging—great for school science projects. The built-in memory can also store up to 10 measurements for later display or downloading. Includes serial interface cable and Windows®/MS-DOS®-compatible software on a 3½" floppy. Features 20MHz frequency counter, capacitance and transistor-gain measurement, and logic-probe function. Dual display allows simultaneous readings, for example, AC voltage and frequency, or DC voltage/ logic-level and ripple. Handy continuity buzzer, diode-check, data-hold and min./max. functions. Bargraph. Automatic power-off helps to conserve battery. Includes vinyl case. 7½×3½×1½". Requires 9V battery. (TSP) 22-168 ..... 129.99

MS-DOS and Windows are trademarks of Microsoft Corp



**Spot Problems Faster & Easier**

A RadioShack digital multimeter or analog multimeter is the sure way to find problems like broken cords, bad connections and "blown" fuses. You can find many common faults yourself and avoid repair bills. Our selection includes basic testers for general household or vehicle use and models with advanced capabilities. All are UL listed.



Includes temperature probe

**True RMS plus temperature measurements**

Accurately measures temperature in C° or F°—great for school science projects. Auto-ranging. Measures True RMS AC volts and current, frequency to 2MHz, dBm, capacitance, transistor gain—even shows NPN/PNP polarity and E-C-B pinout on the display! Diode-check, continuity, fold-out stand for best viewing angle. 7×3½×1½". Requires 6 "AA" batteries. (TSP) 22-174 ..... 89.99



Advanced capabilities: Connect it to your PC-compatible computer to get graphical displays of automatic measurements, numerical displays with large, easy-to-read digits, plus function menus, even on-screen help.

**NEW Built to take it! Protective rubber holster, 20-amp ranges**

Encased in a hard rubber holster to help prevent damage. Includes two alligator-clip probe adapters. Features auto-range with manual override, 20-amp DC and AC current ranges, DC microamp (low-current) range, continuity buzzer, diode-check, auto-shutoff to help save batteries, data hold, 33-dot bargraph with high-speed sampling to help you spot trends. Fold-out stand with handy hang-up slot. 7½×3½×1½". Requires 2 "AA" batteries. (TSP) 22-178 ..... 69.99



**Edge-placed controls for easy one-hand mode/range selection**

Excellent choice for on-the-go service work. Built-in continuity buzzer checks wiring, connections, fuses. Diode-check lets you quick-test transistor and diodes. Auto-polarity provides valid readings even if you connect test leads in reverse. Low-battery indicator. Fold-out stand gives you a better viewing angle when meter is placed on a benchtop or lets you hang on a wall. 6½×3½×1½". Requires 4 "AA" batteries. (TSP) 22-183... 59.99



**Auto-ranging and easy-set controls**

Simplified pushbutton and slide-switch controls, ideal for household or portable use. Select function—volts, current or resistance—range is set automatically. Manual override, continuity buzzer, data hold to freeze display, audible overload alert, fold-out stand/hanger. 6½×2½×1½". Requires 2 "AA" batteries. (TSP) 22-163 ..... 49.99



**Auto-ranging and diode-check at a super-value price**



Auto-ranging lets you select DC volts, AC volts, resistance, DC current and the meter sets the correct range automatically. Diode-check for quick-testing diodes/transistors. Autopolarity gives you valid readings if you connect test leads in reverse. Low-battery indicator. 5×3×1½". Requires 2 "AA" batteries. (TSP) 22-166 ..... 39.99



**Auto-ranging in a handy fold-up pocket size**

Basic, rugged, compact, affordable. Take it along or keep it in your toolbox, vehicle glovebox, desk, office or kitchen drawer. Continuity buzzer lets you quick-check fuses, cords, connections; its audible indication frees your eyes for faster testing. Selectable auto-ranging/manual operation, recessed controls, low-battery and overrange indicators. Measures DC volts, AC volts, resistance. 4½×2½×¾". Includes batteries. (TSP) 22-179 ..... 24.99

**MULTITESTER ACCESSORIES**

See pages 180 and 181 for:

Test probes with coiled or straight leads • Mini-hook and alligator tip adapters  
Micro and standard-clip jumper wires • Test and hookup clips

**1-800-THE-SHACK**

Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102





### Unique! Auto-ranging convenience combined with an analog display

Brings you the trend-spotting ability of an analog display *and* the time-saving convenience of auto-ranging. You select the function; the meter sets correct range. Features LED range indicators, autopolarity, continuity buzzer, millivolt and microamp ranges, easy-to-read 4 1/8" color-coded scale. 10 megohm input impedance (except on millivolt ranges) for high accuracy. 6 11/16 x 4 11/16 x 1 9/16". Requires 4 "AA" batteries. (TSP) 22-216..... 59.99



### Range doubler! Extra resolution with the flip of a switch

Range-doubler instantly provides extra resolution and easier reading for current and voltage measurements. Continuity buzzer lets you quickly spot problems like damaged connectors, broken wires, "blown" fuses. 43 ranges including 125 millivolt and 25 microamps DC. 4 1/2" color-coded scale. Up to 50,000 ohms-per-volt DC sensitivity. 6 5/8 x 5 3/16 x 1 3/16". Requires one "AA", one 9V battery. (TSP) 22-215 ..... 49.99



### 25 ranges and folds up for travel/storage

The ideal meter to keep in your toolbox. When shut, the meter movement is automatically shunt-protected to help prevent damage. Detented hinge lets you adjust the viewing angle of the display. Measures DC/AC volts, DC current, resistance, dB. Up to

20,000 ohms-per-volt DC sensitivity. Folds out to 7 5/16 x 4 3/16 x 1 7/16". Requires "AA" battery. (TSP) 22-211..... 34.99



### 18 ranges, easy-to-read 3" scale

Color-coded scale is mirrored to help prevent reading errors. Precision fuse-protected meter movement is designed to resist mechanical shock. Measures DC and AC

volts, DC current, resistance and decibels. Up to 20,000 ohms-per-volt DC sensitivity. 5 1/8 x 3 1/2 x 1 9/16". Requires "AA" battery. (TSP) 22-221..... 24.99



### Pocket size, 8 ranges and a great value

It's THE meter for beginners, students and an ideal "second meter" for more advanced users. Measures AC or DC volts, DC current and resistance. Range selector has "off" position to protect meter movement

during travel. Provides 2000 ohms-per-volt DC sensitivity. 3 7/8 x 2 1/2 x 1 1/4". Requires "AA" battery. 22-218..... 14.99



### Tester "how to" book

*Using Your Meter* is an easy-to-understand book that fully explains test hookups and procedures for home appliances, automotive electrical systems, and different types of electronic circuits. Includes diagrams and illustrations. 168 pages. 62-2039..... 6.99



### Our best battery tester

Is your portable CD player broken or is it just a weak battery? Find out with this 9-range battery checker—also know when batteries are almost exhausted. Tests under load for high accuracy. For use with virtually all common batteries. Checks 1.5 volts (3 ranges), 3, 6, 9, 12, 15 and 22.5V types. 22-090, 14.99



### Battery quick tester

Checks alkaline, general-purpose, mercury, charged Ni-Cd batteries. Easy-to-read scale shows battery's status at a glance: green=good, yellow=weak, red=replace. Tests "D", "C", "AA", "AAA", "N" and 9-volt rectangular batteries. 22-096..... 8.99



### Battery tester to take along

Make sure the batteries in your camera, tape recorder or portable radio are fresh. Take this tester along and you'll know when it's time to have extra batteries ready. Tests "D", "C", "AA", "AAA", "N" and 9-volt rectangular batteries. 22-093..... 4.99



### Test your camcorder battery

Don't get stuck with a dead camcorder battery when you're shooting an important event. This accurate, easy-to-read meter lets you see how much power is left before you start shooting. Simply touch the battery to the checker's terminals and five LEDs indicate remaining power in just 3 seconds. 22-094..... 12.99

## There's a RadioShack digital multimeter or analog multitester with the functions you want

Meter Cat No	Display Type	Continuity Buzzer	Auto-Ranging	Manual Range Select	Total Ranges/Modes	Display Digits	Bar Graph Display	True RMS	Frequency Counter	Measures Capacitors	Measures Transistor Gain	Diode? Transistor Check	Auto-Polarity	Data Hold	Uses Fuse(s)	Maximum Measurements					Price
																DC Volts	AC Volts	DC Amps	AC Amps	Ohms	
22-218	Analog			✓	8										0.315A	1000	1000	150mA		100K	14.99
22-221	Analog			✓	18										0.5A	1000	1000	250mA		2M	24.99
22-211	Analog			✓	25										0.5A	1200	1200	300mA		2M	34.99
22-215	Analog	✓		✓	43										0.75A	1000	1000	10		20M	49.99
22-216	Analog	✓	✓	✓	28								✓		0.5A	1000	1000	3	3	200M	59.99
22-179	Digital	✓	✓	✓	15	3 3/4						✓	✓			400	400			4M	24.99
22-166	Digital	✓	✓	✓	16	3 1/2						✓	✓		0.315A	1000	750	200mA		20M	39.99
22-163	Digital	✓	✓	✓	22	3 3/4						✓	✓		0.5A	1000	750	10	10	4M	49.99
22-183	Digital	✓	✓	✓	25	3 2/3						✓	✓		0.5A	1000	750	10	1	30M	59.99
22-178	Digital	✓	✓	✓	28	3 3/4	✓					✓	✓	✓	0.5A 20A	1000	750	20	20	30M	69.99
22-174	Digital	✓	✓	✓	48	3 2/3	✓	✓	2MHz	✓	✓	✓	✓	✓	0.5A, 0.063A	1000	750	10	10	19.9M	89.99
22-168	Digital	✓	✓	✓	38	3 1/2	✓		20MHz	✓	✓	✓	✓	✓	2A, 20A	1000	750	20	20	2000M	129.99

Digital multimeters have 10-megohm input impedance for high accuracy. Multimeters and multitester are listed under UL 1244





Includes software and cables

**Probe-style oscilloscope works alone or with your PC**

Think of it—an oscilloscope you can *easily* take along or connect to a laptop or desktop PC to provide an extra-large 'scope display. View waveforms and voltages on the PC screen, store or print them. Despite small size, its usefulness can match larger, more costly oscilloscopes. Features digital voltmeter mode and 16x32-pixel backlit LCD display. With Windows/DOS software and serial cable. 6 1/2 x 1 1/8 x 1 1/8". **RSU 11910486** . . . . . **99.99**  
**Effective bandwidth:** Up to 5MHz. **AD Converter:** 6-bit resolution. **Input divider:** 1V, 10V, 100V. **Input coupling:** AC, DC, or GND (Ground). **Power:** External 9-13VDC via included cable or optional AC adapter. **Trigger:** ±Internal, ±External, auto, continuous or single cycle. **For PC use:** Requires at least 80386 microprocessor, 128K RAM, RS-232 serial port, VGA or EGA monitor.

**Opto-isolation cable.** **RSU 11907250** . . . . . **29.99**

**12VDC power supplies**



(1)



(2)

**Regulated power supplies let you power a car stereo or mobile CB radio from home AC**

Two ways to use—connect equipment to red/black terminal posts or cigarette lighter socket. Ideal for powering most mobile CBs, car stereos and other 12VDC devices from AC house current. Also handy as a bench power supply for electronic technicians and experimenters. Lighted on-off switch, resettable circuit breaker, temperature protection circuit to prevent overheating. 120VAC input, regulated 13.8VDC continuous output. UL listed.

- (1) **3-amp regulated power supply.** **22-504** . . . . . **39.99**
- (2) **New Heavy-duty 10-amp regulated power supply.** **22-506** . . . . . **99.99**



**Unregulated power supply**

Same function as #22-504 at left, but has non-regulated 12VDC output, screw terminals only, and is rated 1.75A continuous. UL listed. **22-127** . . . **27.99**

- Cool running
- Lightweight



**New Switching 20-amp regulated power supply**

Compact—only 2 1/8 x 7 1/8 x 7 1/2". 90-260VAC input range for U.S. or overseas use. 13.8VDC continuous output. UL listed. **RSU 11902962** . . . . . **149.99**

**New Clamp-on AC ammeter is the fast, easy way to measure current**



Use with air conditioners, refrigerators, space heaters—any AC appliance. Just clamp probe around the current carrying wire and read the result on your multimeter. With banana plug test leads for connection to most multimeters. Measures up to 300 amps. **22-601** . . . . . **29.99**



**Portable 12VDC to 115VAC power inverter**

Ideal for camping, travel, emergencies. Powers small AC appliance from your RV, van or auto. Plugs into cigarette lighter socket. High-efficiency 140-watt inverter. **22-132** . . **99.99**



**High-power 12VDC to 115VAC power inverter**

Portable powers AC appliance from car battery. 220W continuous/700W high surge (for fast TV turn on). Auto shutdown protects battery. **22-138** . . . . . **149.99**

**New Pocket-size LCD frequency counter**

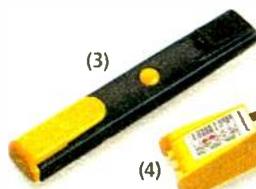


Accurate! Shows frequency of transmitter or RF source from 1 to 1300MHz. Confirms RF output from cordless phones, CBs, RC toy remotes, radio/TV circuits. Hams can use it to set a VFO precisely. Switchable backlight, selectable slow (1.28 sec.) or fast (128mS) update and 50-ohm or high-impedance input via BNC connector. Hold freezes display for easy reading. Add 4 "AA" alkaline or Ni-Cd batts. or AC adapter/charger #273-1455. (TSP) **22-306** . . . . . **99.99**

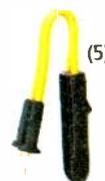
**Make your tester more versatile**

We stock extra test-lead sets, wire-piercing probe adapters, and clip adapters. See pages 180-181.

Description	Cat. No.	Pair
Mini-clip jumper wires	278-016	4.19
Micro-clip jumper wires	278-017	4.19
Test leads with banana plugs	278-704	3.99
Test leads with pin tips	278-705	2.99
Test leads with 90° pin tips	278-712	2.99
Test leads with 90° banana plugs	278-713	3.99
Coiled 6-ft. test leads	278-750	6.99
Mini-clip test leads w/banana plugs	278-1160	4.79
Test leads with safety shroud	278-708	4.99



(3)



(4)

(3) **AC voltage sensor.** Indicates 70 to 440 volts AC without direct electrical hookup. Easy and safe way to check cords, switches, fuses, more. **22-103** . . . . . **12.99**

(4) **AC-outlet analyzer.** Plug into any 3-wire (grounded) 120VAC outlet to check for dangerous faults. A "must" for power tool users and musicians. **22-101** . . . . . **5.99**

(5) **Neon circuit tester.** Neon lamp glows to indicate voltages from 90 to 300, AC or DC. Use to check AC outlets, cables, circuits in equipment, more. **22-102** . . . . . **1.99**

**Time-saving digital-logic probe with tone output**

Color-coded LEDs indicate high, low or pulsed logic states (up to 10MHz). Tone frees eyes for faster testing. CMOS/TTL-LS selector. **22-303** . . . . . **17.99**



**Car electrical system tester**

Colored LEDs indicate strength of vehicle battery and alternator. Plugs into lighter socket. For all 12V negative ground vehicles. **22-1635** . . . . . **5.99**



## New 2-channel data acquisition system adds waveform recording capability to your PC

**DI-150RS.** Digitizes virtually any transducer's output and records it to your PC's hard drive. At the same time, you can view the transducer's output on your monitor in a selectable oscilloscope-like or chart-recorder-type display. Acquire as much data as you need, from a few samples to hundreds of megabytes. DI-150RS comes with WINDAQ software for Windows, the same software used worldwide by scientists, engineers and technicians for testing, troubleshooting, and R&D. System features two input channels (single-ended or one channel differential); 12-bit resolution; up to 240 samples per second; digital input, 0-5V, 0-10V or +5V input ranges; gains of 1 and 100. Includes Plug-and-Play serial interface, software, serial cable and documentation.

**RSU 11908191** ..... 99.99



## New HOBO® portable data loggers, software and cable

Set them up with your computer, then disconnect and place them where you want to make automatic temperature measurements or log changes in state, such as a door opening or closing. Reconnect them to your computer later to download the stored data. Both use #23-162 battery.

**Temperature data logger.** Stores temperature and time data for transfer to your computer. Range: -20° to +70° C (-4° to +158° F). Measurement capacity: 1800 data points. Size: 2 1/8 x 1 1/8 x 1/4". **RSU 11906773** ..... 49.99

**State data logger.** Records when a change of state occurs such as a door opening. Has internal magnetic switch and includes external magnet. Can also record changes in an external contact. (PC only.) **RSU 11906781** ..... 69.99

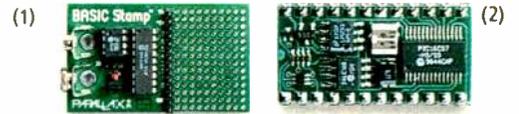
**BoxCar® logging software and serial cable for above.** Requires computer with 386 (or better) processor and Windows 3.1 or later. **RSU 11906799** ..... 14.99

**Above for Macintosh®.** **RSU 11906807** ..... 14.99



## 0-15VDC voltmeter

Ideal for monitoring a power supply, battery charging system or car electrical system. 2 1/4" high. Mounts in 1 1/8"-dia. hole. **270-1754** ... 12.99



## New BASIC Stamps—versatile, easy-to-use microcontrollers

BASIC Stamps are small, self-contained computers that use familiar BASIC instructions to make powerful use of their I/O pins. You can power a BASIC stamp with a 9V battery. They're great for robotics, home control, science projects, driving LCD displays, model railroad control, and more. You program the Stamp for your application by connecting it to your PC-compatible computer's parallel (Stamp D) or serial (Stamp I) port.

**BASIC Stamp D** has a 256-byte EEPROM memory. Eight I/O (input/output) pins can be used to measure and generate pulses, send and receive RS-232 data, read a potentiometer, and make sounds. Practical, educational and fun!

**BASIC Stamp D starter kit.** Stamp D, cable, software, manual and application notes. **RSU 11901758** ..... 79.99

**(1) BASIC Stamp D alone.** **RSU 11901741** ..... 34.99

**BASIC Stamp II** has 2K bytes of EEPROM memory. 16 I/O lines can be used to control circuitry and generate frequencies, DTMF (phone dialing) tones, Plug 'n Power® (X-10) appliance-control signals, and more.

**BASIC Stamp II starter kit.** Includes module, carrier board, cable, software, manual and application notes. **RSU 11901725** ..... 149.99

**(2) BASIC Stamp II alone.** **RSU 11901733** ..... 49.99

**Carrier board for Stamp II.** **RSU 11906864** ..... 21.99

**BASIC Stamp book.** **RSU 11915253** ..... 32.99

Note: If Stamp D or Stamp II is purchased alone, you can download software, manual and application notes, cable schematics and project plans from Steve's Workbench at [www.radioshack.com](http://www.radioshack.com). Also see the in-store RadioShack Unlimited Catalog listings.

## Prewired panel-mount LCD display modules—great for school science projects & lots more



**Digital voltmeter/ammeter module.** Prewired. 3/8"-high, 3 1/2"-digit LCD display, selectable backlight. Easily configured to measure

up to 2000 volts DC or 10 amps DC. With external circuit can be set to measure variables including AC volts, temperatures or pressure. Requires 9VDC. **RSU 11461498** ... 18.99

**As above without backlight.** **RSU 11906948** ... 16.99

**As above but with 8mm-high digits and backlight.** **RSU 11906955** ..... 18.99

**As above with 8mm-high digits but without backlight.** **RSU 11906963** ..... 16.99



**Clock and thermometer module.** Prewired. Easy-to-read 3/16"-high, 3 1/2"-digit LCD display with selectable backlight and °F or °C mode. Measures 0 to 160°F (-20 to +70°C). 1 or 10-second sampling rate. With additional circuitry can be used as a high or low-temperature alarm or thermostat. Has internal temp. sensor. Requires 3VDC. With data. **RSU 11461506** ..... 24.99

**As above without backlight.** **RSU 11906989** ... 18.99

**External thermistor temperature sensor for above.** With 60" leads. **RSU 11461514** ..... 4.99



**Alarm clock module.** 12-hour format alarm clock with snooze function. 4-digit LCD. Alarm output function. Backlight. **RSU 11453453** ..... 17.99

**As above without backlight.** **RSU 11906971** ... 12.99



**New 2-line super-twist LCD alphanumeric display.** 16-character display with 3/16"-high characters. Selectable backlight. 5 x 8

dot format. Requires 5VDC. **RSU 11453479** ..... 34.99

**As above but with 1-line display.** 1/4"-high characters. **RSU 11453461** ..... 24.99

**1-line, 16-character display without bezel or backlight.** **RSU 11907037** ..... 15.99

**2-line, 16-character display without bezel or backlight.** **RSU 11907078** ..... 18.99



**New Miniature self-powered totalizing counter.** 4 digits. 6mm high-contrast LCD. Supplied ready for fitting. Self-powered for 3 to 4 years. Supplied with bezels for panel

mounting. Flying leads for remote contact closure input and reset. **RSU 11907219** ..... 12.99



**New Self-powered totalizing counter.** 8 digits. 7mm high-contrast LCD. Self-powered for 10 years. Sealed to NEAMA 4. Front-panel reset pushbutton (can be disabled). Bezel and rear mounting clips

supplied. External connection by standard plug or connector. 24x48 DIN standard case. **RSU 11907227** ..... 36.99



**New Terminal adapter**

**for above.** Converts plug to screw terminals. **RSU 11907235** ... 14.99



**Thermometer module.** Just add a battery to use it "as is" for a thermometer. You can also add circuits to activate a buzzer, LED, fan or heater at the temperatures you set.

1/2"-high LCD display. Includes remote temperature probe with prewired cable. Requires "AA" battery. **RSU 10640316** ..... 19.99



**Electronic counting module.** Counts up to 99,999. Useful as an event or traffic counter. Ideal for science projects. Count is advanced by external switch or circuit. 1/2"-high LCD display. Requires "AA" battery. **RSU 10524528** ..... 16.99



**Electromechanical counter.** Counts up to 999,999, advanced by external 12VDC pulse. Mechanical pushbutton reset.

Accepts and accurately records up to 25 pulses per second. **RSU 11453487** ..... 19.99

## Attention electronics designers, experimenters and students

Many more electronic kits, modules and related components are available for fast shipment direct to you through RadioShack Unlimited. Check the in-store catalog at your nearby RadioShack store.



## General interest "how to" books

**Building Speaker Systems.** A detailed description of speakers. Includes plans and parts lists for building four systems. 128 pages. **62-1087** ..... **6.99**

**Advanced Speaker Systems.** Learn how to use a calculator or a computer to design speakers. Subjects include designing for deep bass, crossovers, enclosures. 128 pages. **62-2317** ..... **7.99**

**Using Your Meter.** Get the most from your VOM or digital multimeter. Includes test hookups for many household appliances, car electrical systems and electronic circuits. 128 pages. **62-2039** ..... **6.99**

**Basic Electronics.** For anyone who wants to understand electronics. Stresses basic concepts, explains electronic devices and circuits. End-of-chapter quizzes. 224 pages. **62-1394** ..... **9.99**

**Getting Started in Electronics, by Forrest Mims, III.** A super "hands on" introduction to building electronic circuits. Features large diagrams and hand-lettered text by one of America's most popular science writers. 128 pages. **62-5003** ..... **4.99**

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### BASIC Stamp: An Introduction to Microcontrollers.

Learn microcontroller theory using the Parallax BASIC Stamp I and II which is based on Microchip's PIC hardware with some modifications. The book covers the hardware and software sides of Parallax BASIC Stamp I and II micro-processor operation and design. BASIC Stamp uses PBASIC as its programming language, which makes it simple to use and modify and versatile enough to solve professional problems. BASIC Stamp walks you through applications suitable for designers as well as the home hobbyist. These applications can be used as is, or can be modified to suit your needs. 208 pages. **RSU 11915253** ..... **32.99**

BASIC Stamp products located on page 173.

## Engineer's mini-notebooks

**By Forrest Mims, III.** Building and testing your own circuits is the fun way to learn electronics. Notebooks in this series feature the friendly style made famous by Mims—big diagrams and text plus valuable safety tips and suggestions for further experiments. Get 'em all!

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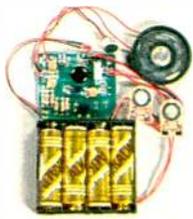
## How-to-install guides

**Installing and Maintaining Sound Systems.** By Gordon McComb. An easy-to-read guide that teaches you how to install, operate and maintain sound systems for cities, sanctuaries, auditoriums, assembly halls and meeting rooms. 128 pages. **62-2318** ..... **7.99**

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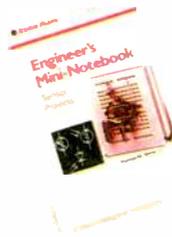
**Installing Telephones.** Complete instructions on phones, wiring and accessories for homes and small businesses. 80 pages. **62-1060** ..... **5.99**



## Digital voice record and playback kit

Prewired! The easy way to add a unique dimension to your electronic projects. Stores and plays back up to 20 seconds of sound—

speech, music, sound effects, you name it. Build a memo recorder, message pad, even a box that says something funny at the push of a button. Includes switches, speaker, battery holder and microphone. With circuit examples. Requires 4 "AA" batteries, not included. **276-1326 . . . . . 19.99**



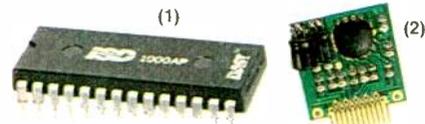
## Sensor projects mini-notebook

Discover the wide variety of sensors or "trip" switches you can build—vibration sensors, touch switches, open and closed alarm switches, fire or water sensors, more. 23 pages. **62-5026 . . . 1.99**



## Solar project fun kit

A solar cell prewired to a DC motor—ready for your creative ideas. Includes mini-propeller, color wheels and an informative booklet. **277-1201 . . . . . 10.99**



## Digital voice record/playback module and IC—the project possibilities are endless

The heart of a fun, easy project. You can inexpensively and easily add the exciting dimension of sound to all your electronic projects. Module and IC both store speech, music, sound effects, you name it—and play it back when triggered. You can build a box that "talks" when you press a button, a custom "talking" doorbell, a "squeaking" toy mouse, or even a voice-message system. Requires only a speaker, microphone, switches, and a power source for a completed project. Includes circuit examples and data.

- (1) **ISD1000A IC.** Stores and plays back up to 20 seconds of audio. Built-in audio amplifier. 28-pin DIP IC. With 16-page manual. **276-1325 . . . . . 17.99**
- ISD-1110P IC.** 10 seconds of sound. **RSU 11673241 . . . . . 6.99**
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- ISD-2560P IC.** 60 seconds of sound. **RSU 11673266 . . . . . 16.99**
- ISD-2575P IC.** 75 seconds of sound. **RSU 11673274 . . . . . 17.99**
- ISD-2590P IC.** 90 seconds of sound. **RSU 11673282 . . . . . 18.99**
- (2) **ISD-VM110 module.** Stores and plays back up to 10 seconds of sound. **276-1324 . . . . . 18.99**

## Solar-powered charger kits

Use the power of the sun to charge larger deep-cycle batteries for protection against charge loss or running a variety of 12V appliances. Kits include wiring, charge controllers, mounting bolts and alligator clamps.



Rated Power	Typical Power/wk	Primary Usage	Approx Size/Weight	Cat No.	Price
1.8 watts	40 watt hours	Maintainer for vehicle battery	12×4×1" 1.0 lbs	RSU 11931532	32.99
5 watts	140 watt hours	Trickle charge for 12-volt battery some power for small appliances	12×4×1" 6.5 lbs	RSU 11931540	79.99
15 watts	420 watt hours	Charge for 12-volt battery; power for small appliances	12×36×1" 15 lbs.	RSU 11931565	179.99
30 watts	840 watt hours	Charge for 12-volt battery; more power for small appliances	24×36×1" 30 lbs	RSU 11931573	319.99
45 watts	1260 watt hours	Charge for 12-volt battery; power for small & large appliances	36×36×1" 45 lbs.	RSU 11931581	499.99

## Sensor Project Components

Description	Case	Cat. No.	Price
Light-to-frequency converter, TSL235	SIP-3	RSU 11673290	2.99
Light-to-voltage optical sensor, TSL250	SIP-3	RSU 11673308	1.99
Precision Fahrenheit temperature sensor, LM34DZ	TO-92	RSU 11673324	2.99
Precision Celsius temperature sensor, LM35DZ	TO-92	RSU 11673316	2.99
CdS Photo resistor module	—	276-1657	5/2.29
Infrared detector module	—	276-137	3.59
Precision thermistor -50 to +110°C	—	271-110	1.99
Piezo element 1500-3000Hz	—	273-073	1.49
Blue LED (300mcd)	—	276-311	2.99



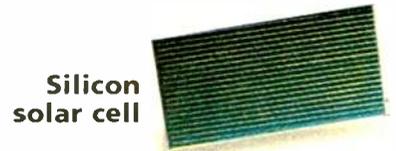
## 0-15VDC voltmeter

Ideal for monitoring a power supply, battery charging system or car electrical system. 2 1/4" high. Mounts in 1 1/8" dia. hole. **270-1754 . . . . . 12.99**



## Mini audio amplifier

Built-in speaker. Has dozens of uses! Great for projects, as a test amplifier or signal tracer. High-gain IC circuit. With 1/8" earphone and input jacks, volume control. 3 3/8" high. Requires 9V battery or 273-1455 AC adapter. **277-1008 . . . . . 11.99**



**Put the sun to work.** This efficient 2×4 cm cell delivers about 0.3-amp at 0.55VDC in full sunlight. Wire several in series or series/parallel to obtain the voltage and current needed to charge batteries or power models and science projects. **276-124 . . . . . 4.49**



## Enclosed solar modules

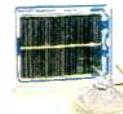
Encapsulated solar cells allow for easy handling. May be connected together to create different outputs.

- 0.5V, 300mA. RSU 11903101 . . . . . 5.99**
- 1.5V, 200mA. 3 1/4×2 1/2". RSU 11903085 . . . . . 10.99**
- 6V, 50mA. 3 1/4×2 1/2". RSU 11903093 . . . . . 13.99**



## Flexible solar cell

Works well in low light indoors or out, or when weight is a factor. Two copper buss bar solder points. 4V, 50mA. Approx. 1 1/8×4 1/2×1/16". **RSU 11903119 . . . . . 14.99**



## Solar battery charger

Recharges two "AA", "C", or "D" size batteries in about one day. Delivers up to 200mA in full sunlight. Weather-proof and shock resistant. **RSU 11903184 . . . . . 29.99**



## Photon solar racer kit

Includes everything you need to build this solar-powered race car, including 1/2-watt solar cell, motor, vacuum-formed body. Ages 9 and up. **RSU 11903127 . . . 19.99**



## Motor housing & gears kit

Two output shafts for different speeds and torque requirements. Ideal for use with motor #273-223 to produce lower speeds, high torque. **RSU 11903135 . . . 4.99**



## Motors add motion to your projects

Great for toys, robotics, solar power demonstrations and science projects.

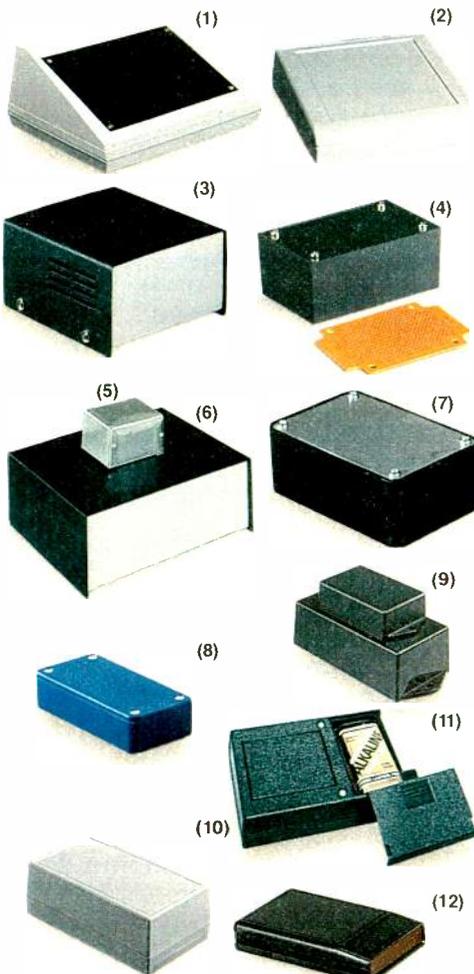
- 1 1/2 to 3VDC. 8300RPM.** About 1 1/2" long by 1/4" diameter. **273-223 . . . . . 99¢**
- High-speed 12VDC.** Up to 15,200RPM at no load. About 2" long by 1" diameter. **273-255 . . . . . 2.99**
- Super-speed 9 to 18VDC.** Incredible 24,000RPM at no load. About 2" long. **273-256 . . . . . 3.49**

**New Project boxes with aluminum and plastic lids**

- ✓ 4 standoffs in bottom corners support a PC board
- ✓ Slots in side walls support a PC board vertically



Overall Size	Cat. No.	Each
3×2×1"	270-1801	1.99
4×2×1"	270-1802	2.29
5×2½×2"	270-1803	3.29
6×2×1"	270-1804	2.89
6×3×2"	270-1805	3.69
6×4×2"	270-1806	4.39
7×5×3"	270-1807	5.89
8×3×1"	270-1808	3.69
8×6×3"	270-1809	6.99



**(1) Control console cabinet**

Molded case has separate, easy-to-drill aluminum top and back panels for mounting a keyboard, switches, lights or connectors. 8×10×4". 270-216 ..... 16.49  
5×7×3". RSU 11340569 ..... 19.99

**(2) All-plastic console cabinet**

Recessed panel look. Holes can be drilled into top.

Size	Cat. No.	Each
5 <sup>13</sup> / <sub>32</sub> ×5 <sup>1</sup> / <sub>16</sub> ×1 <sup>13</sup> / <sub>32</sub> "	RSU 11658572	7.99
5×7×1 <sup>1</sup> / <sub>16</sub> "	RSU 11521622	9.99
8 <sup>1</sup> / <sub>32</sub> ×10×2 <sup>1</sup> / <sub>32</sub> "	RSU 11521648	19.99
6 <sup>1</sup> / <sub>2</sub> ×12 <sup>3</sup> / <sub>16</sub> ×1 <sup>1</sup> / <sub>2</sub> "	RSU 11694759	19.99

**(3) Metal cabinet.** Attractive, all-metal enclosure features a vented top—perfect for housing a small power supply, amplifier or other heat-producing circuitry. Aluminum front/back/bottom piece is easy to drill for PC board and component mounting. 3×5½×5<sup>1</sup>/<sub>8</sub>" overall. 270-253 ..... 6.99

**(4) Project box and PC board combo.** Handsome molded enclosure features an easy-to-drill aluminum cover and includes a general-purpose circuit board with standard DIP IC hole spacing. 3<sup>1</sup>/<sub>2</sub>×2<sup>1</sup>/<sub>8</sub>×1<sup>1</sup>/<sub>8</sub>" Complete with assembly hardware and protective feet. 270-283 ..... 3.99

**(5) Metal enclosures**

**Aluminum P-box®.** Shield and give your project a professional appearance at a very modest cost.

Overall Size	Cat. No.	Each
2 <sup>1</sup> / <sub>4</sub> ×2 <sup>1</sup> / <sub>8</sub> ×1 <sup>1</sup> / <sub>8</sub> "	270-235	1.99
5 <sup>1</sup> / <sub>4</sub> ×3×2 <sup>1</sup> / <sub>8</sub> "	270-238	2.79

**(6) Deluxe two-tone steel enclosure.** Our finest! Features low-profile styling and includes protective rubber feet. 3<sup>7</sup>/<sub>16</sub>×8<sup>1</sup>/<sub>4</sub>×6<sup>1</sup>/<sub>8</sub>". 270-274 ..... 12.99

**Plastic enclosure.** Holds your projects securely. 8<sup>1</sup>/<sub>32</sub>×6<sup>1</sup>/<sub>4</sub>×2<sup>1</sup>/<sub>8</sub>". **Black.** RSU 11339652 ..... 11.99  
**Bone.** RSU 11339686 ..... 11.99

**(7) Molded enclosures**

Easy-drill aluminum covers.

Overall Size	Cat. No.	Each
3 <sup>1</sup> / <sub>4</sub> ×2 <sup>1</sup> / <sub>8</sub> ×1 <sup>1</sup> / <sub>8</sub> "	RSU 11907631	1.99
4×2 <sup>1</sup> / <sub>8</sub> ×1 <sup>1</sup> / <sub>8</sub> "	RSU 11907649	2.19
5 <sup>1</sup> / <sub>16</sub> ×2 <sup>3</sup> / <sub>8</sub> ×1 <sup>3</sup> / <sub>8</sub> "	RSU 11907664	2.39
6 <sup>1</sup> / <sub>2</sub> ×3 <sup>3</sup> / <sub>8</sub> ×2"	RSU 11907672	2.79
7 <sup>3</sup> / <sub>16</sub> ×4 <sup>3</sup> / <sub>8</sub> ×2 <sup>3</sup> / <sub>8</sub> "	RSU 11907656	3.69

**(8) Economy molded enclosures**

Overall Size	Cat. No.	Each
4×2×1"	RSU 11907680	1.99
4 <sup>3</sup> / <sub>16</sub> ×2 <sup>1</sup> / <sub>16</sub> ×1 <sup>1</sup> / <sub>4</sub> "	RSU 11907698	2.29
4 <sup>3</sup> / <sub>16</sub> ×2 <sup>9</sup> / <sub>16</sub> ×1 <sup>9</sup> / <sub>16</sub> "	RSU 11907706	2.59
6×3 <sup>1</sup> / <sub>8</sub> ×2"	RSU 11907623	3.19
7 <sup>1</sup> / <sub>16</sub> ×4 <sup>1</sup> / <sub>4</sub> ×2 <sup>3</sup> / <sub>8</sub> "	RSU 11907714	3.49

**(9) Molded enclosures with mounting tabs**

Overall Size	Cat. No.	Each
3 <sup>1</sup> / <sub>2</sub> ×2 <sup>1</sup> / <sub>2</sub> ×1 <sup>11</sup> / <sub>32</sub> "	RSU 11658101	2.19
4 <sup>19</sup> / <sub>32</sub> ×2 <sup>13</sup> / <sub>32</sub> ×1 <sup>1</sup> / <sub>16</sub> "	RSU 11658564	2.79

**(10) Molded enclosure case**

Great for many small-size projects.

Overall Size	Cat. No.	Each
3 <sup>13</sup> / <sub>16</sub> ×2 <sup>13</sup> / <sub>32</sub> ×2 <sup>9</sup> / <sub>32</sub> "	RSU 11340007	3.79
3 <sup>13</sup> / <sub>16</sub> ×2 <sup>13</sup> / <sub>32</sub> ×1 <sup>3</sup> / <sub>16</sub> "	RSU 11906922	3.99
4 <sup>29</sup> / <sub>32</sub> ×2 <sup>1</sup> / <sub>4</sub> ×2 <sup>9</sup> / <sub>32</sub> "	RSU 11340080	4.29
4 <sup>29</sup> / <sub>32</sub> ×2 <sup>1</sup> / <sub>4</sub> ×1 <sup>13</sup> / <sub>32</sub> "	RSU 11906930	4.59

**(11) Molded cases with battery compartment and connector cable**

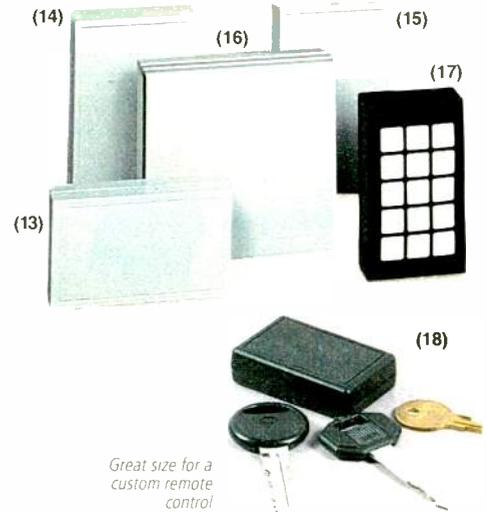
Include 9V battery compartment. Small yet rugged.

Overall Size	Cat. No.	Each
2 <sup>13</sup> / <sub>32</sub> ×3 <sup>13</sup> / <sub>16</sub> ×1"	RSU 11340015	3.99
4 <sup>23</sup> / <sub>32</sub> ×2 <sup>3</sup> / <sub>4</sub> ×1 <sup>1</sup> / <sub>2</sub> "	RSU 11658598	5.59
3 <sup>3</sup> / <sub>16</sub> ×2 <sup>13</sup> / <sub>32</sub> ×1 <sup>3</sup> / <sub>16</sub> "	RSU 11906906	4.29
2 <sup>1</sup> / <sub>4</sub> ×4 <sup>23</sup> / <sub>32</sub> ×1 <sup>1</sup> / <sub>2</sub> "	RSU 11658580	5.59
4 <sup>23</sup> / <sub>32</sub> ×2 <sup>3</sup> / <sub>4</sub> ×1"	RSU 11340098	5.29

**(12) Infrared transmitter project case.** RSU 11453503 ..... 4.99  
**Transmitter case.** RSU 11453495 ..... 3.99

# Project Enclosures

We stock a big selection in many sizes and styles. More are available through RadioShack Unlimited.



Great size for a custom remote control

**Small molded enclosures**

**(13) IR remote/transmitter project case.** Includes interchangeable red IR filter and black end panel, 9V battery compartment, 9V battery connector cable. 2<sup>1</sup>/<sub>4</sub>×4<sup>3</sup>/<sub>8</sub>×1". 270-211 ..... 5.29

**(14) Handheld project case.** Universal clam-shell design. 3<sup>3</sup>/<sub>8</sub>×5<sup>1</sup>/<sub>4</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11340247 ..... 5.29  
**Black.** 7<sup>1</sup>/<sub>8</sub>×4×1<sup>1</sup>/<sub>8</sub>". RSU 11340296 ..... 5.89  
**Bone.** 7<sup>1</sup>/<sub>8</sub>×4×1<sup>1</sup>/<sub>8</sub>". RSU 11340320 ..... 5.89

**(15) Project case with 9V battery compartment.** Includes 9V battery connector cable. 3<sup>3</sup>/<sub>8</sub>×5<sup>1</sup>/<sub>4</sub>×1<sup>1</sup>/<sub>8</sub>". 270-213 ..... 5.39  
**Black.** 4×7<sup>1</sup>/<sub>8</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11340338 ..... 5.99  
**Bone.** 4×7<sup>1</sup>/<sub>8</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11340361 ..... 5.99

**(16) Instrument/modem case.** With two pop-out end panels, molded-in card guides and bases for PC board. 5<sup>1</sup>/<sub>16</sub>×5<sup>1</sup>/<sub>8</sub>×1<sup>1</sup>/<sub>8</sub>". 270-214 ..... 8.79  
**Bone.** 6<sup>1</sup>/<sub>4</sub>×6<sup>1</sup>/<sub>32</sub>×2<sup>1</sup>/<sub>2</sub>". RSU 11339603 ..... 9.99  
**Bone.** 3<sup>3</sup>/<sub>8</sub>×4<sup>3</sup>/<sub>16</sub>×1". RSU 11906880 ..... 4.69  
**Bone.** 4<sup>1</sup>/<sub>4</sub>×6<sup>1</sup>/<sub>32</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11521432 ..... 9.39  
**Bone.** 4<sup>1</sup>/<sub>4</sub>×8<sup>3</sup>/<sub>32</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11521473 ..... 11.89  
**Bone.** 6<sup>1</sup>/<sub>4</sub>×9<sup>3</sup>/<sub>32</sub>×1<sup>1</sup>/<sub>8</sub>". RSU 11521515 ..... 13.99

**(17) Case with membrane switch panel.** Has 3×4" keypad (3 cols.×5 rows), overlay, pop-out end panel, plus compartment and connector for 9V battery. 2<sup>1</sup>/<sub>4</sub>×4<sup>3</sup>/<sub>8</sub>×1". 270-215 ..... 18.99

**(18) Ultracompact enclosure.** Just right to hold a small custom remote control, transmitter or interface. <sup>9</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>8</sub>×2<sup>1</sup>/<sub>16</sub>". This 2-piece enclosure has a single assembly screw. 270-288 ..... 1.99

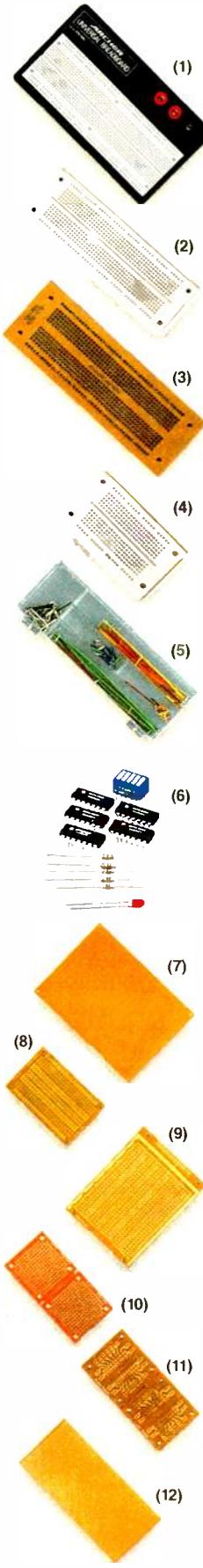
**Compact enclosure case.** The right size for your project.  
**Black.** 1<sup>13</sup>/<sub>32</sub>×2<sup>13</sup>/<sub>32</sub>×<sup>13</sup>/<sub>16</sub>". RSU 11521218 ..... 2.19  
**Bone.** 1<sup>9</sup>/<sub>32</sub>×2<sup>13</sup>/<sub>32</sub>×<sup>13</sup>/<sub>16</sub>". RSU 11521226 ..... 2.19  
**Black.** 2<sup>13</sup>/<sub>32</sub>×2<sup>13</sup>/<sub>32</sub>×1". RSU 11521242 ..... 2.99  
**Bone.** 2<sup>13</sup>/<sub>32</sub>×2<sup>13</sup>/<sub>32</sub>×1". RSU 11521259 ..... 2.99

**Outdoor connection enclosure**

Excellent connection or distribution point for outdoor telephone or coax wiring. Includes mounting screws. 270-258 ..... 6.99



## Solderless breadboards for faster experimentation and design!



(1) **Our finest breadboard.** Deluxe molded 2 1/4 x 6 1/2" board is mounted on a 7 x 4" steel base with non-slip rubber feet. Plug-in points accept DIP ICs, discrete components and jumper wires—see Fig. 5. Provides a total of 640 plug-in tie points and has three binding posts for external connections. **276-169** ..... **21.99**

**Other breadboards available through RadioShack Unlimited™.** Simply plug in components and connect with ordinary 22-gauge solid wire. Rubber feet prevent sliding.  
 7 1/2 x 6 1/4": 1824 tie points. **RSU 11642204** ..... **49.99**  
 8 x 9 1/4": 2712 tie points. **RSU 11642212** ..... **63.99**  
 10 1/4 x 9 1/4": 3648 tie points. **RSU 11642220** ..... **83.99**

(2) **6" modular IC breadboard socket.** All-purpose board with silver-nickel low-resistance contacts. Features two bus strips and 550 indexed plug-in points. And it's modular—you can attach more sockets for complex designs. 2 1/8 x 6". **276-174** ..... **12.49**

(3) **Matching printed circuit board.** Layout matches modular breadboards for easy circuit transfer. Features a total of 550 predrilled indexed connect points. 2 1/8 x 6 x 1/16". **276-170** ..... **2.99**

(4) **Modular IC breadboard socket.** This is a smaller version of Fig. 2 and has 270 plug-in points to construct and test small circuits and experimental projects. 2 1/8 x 3 3/8 x 1/16". **276-175** ..... **7.99**

(5) **Jumper wire kit.** Speeds building! Includes 140 insulated, prestripped wires. 10 each of 14 different lengths in a snap-shut box. **276-173** ..... **Set 5.49**

**Jumper wire kit assortment.** Kit contains an assortment of 350 jumper wires—25 each of 14 different lengths from 0.1" to 5". **RSU 11642238** ..... **Set 17.99**

(6) **New Circuit project kits.** Each includes parts (ICs, LEDs, resistors, etc.) and educational instructions. Requires breadboard and jumper wires, not included.

Kit Description	Cat. No.	Price
Power supplies	RSU 11909751	32.99
Optical devices	RSU 11909769	27.99
Clocks	RSU 11909777	11.99
Function generators	RSU 11909785	21.99
Gates: logic building blocks	RSU 11909793	16.99
Counters	RSU 11909801	17.99
Medium-scale integration	RSU 11909819	32.99
Analog circuits	RSU 11909827	16.99
Analog-to-digital conversion	RSU 11909835	20.99
Digital-to-analog conversion	RSU 11909843	15.99

(7) **Grid-style PC boards.** Solder-ringed holes accept DIPs, discrete components and sockets.

Size	Holes	Cat. No.	Each
4 1/2 x 6 5/8"	2200	276-147	3.99
2 3/4 x 3 3/4"	750	276-158	2.39
1 27/32 x 2 27/32"	356	276-149	1.19

(8) **Multipurpose PC board.** Has 419 predrilled indexed holes. **276-150** ..... **1.19**

(9) **Universal component PC board.** With 750 predrilled indexed holes. For ICs and DIPs up to 40 pins. 3 3/8 x 7 1/8". **276-168** ..... **2.49**

(10) **Dual mini board.** Ideal for simple circuits and projects. Has 213 individually predrilled holes. Can be snapped in half to make two boards. 1 7/8 x 3 3/8". **276-148** ..... **1.49**

(11) **Dual general-purpose IC PC board.** Accepts two 6 to 20-pin ICs and DIPs. Provides four tie points for each IC pin. 1 3/4 x 3 3/8". **276-159** ..... **1.69**

(12) **IC-spacing perfboards.** Prepunched .042" diameter holes in a standard 0.100 x 0.100" grid pattern.

Size	Cat. No.	Each
2 3/4 x 6"	276-1395	2.19
4 1/2 x 6"	276-1394	2.39
6 x 8"	276-1396	3.49

# Design Your Own Electronic Circuits

Assemble, test and improve your circuits using our experimenter's breadboards. Then transfer them to matching printed circuit boards or make your own PC boards with our PC-board etching kit. RadioShack makes it easy for you to do it yourself! We even have a selection of easy-to-understand books that show you examples of basic electronic circuits.



## Getting Started in Electronics

Beginners welcome! If you've never built an electronic project before, but have been wanting to try, this is a great starter book. Written by Forrest M. Mims, III, this book is the perfect "hands-on" introduction to basic electronic circuits. Large diagrams, easy-to-understand text, construction and safety tips help get you started. 128 pages. **62-5003** ..... **4.99**

## Etch your own PC boards

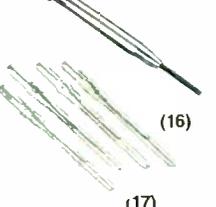


(13) **PC board kit.** Everything you need to make your own custom PC project boards—no experience or special skills needed! Includes two 3 x 4 1/2" copper circuit boards, resist-ink pen to create circuit patterns, etching and stripping solutions, tank, 1/16" drill bit, polishing pad and complete instructions. **276-1576** ..... **13.99**  
**Extra resist-ink pen.** **RSU 10446243** ..... **2.99**  
**Extra etching solution.** 16 ounces. **276-1535** ..... **3.49**  
**2-sided board.** 4 1/2 x 6 1/2". **276-1499** ..... **3.79**

(14) **Dry-etch transfers.** Rub-on strips, circles, IC pads. The easy way to make your own high-quality printed circuit boards. Set of 4 sheets. **276-1490** ..... **1.49**



## Beat the heat—wrap it up!



(15) **Wire-wrapping tool.** Easy to use. Strips, wraps and unwraps 30-gauge wire. **276-1570** ..... **7.49**

(16) **Posts for wire-wrapping.** Standard 0.025" metal posts insert and securely lock into holes on perfboards. **276-1987** ..... **Pkg. of 20/1.29**

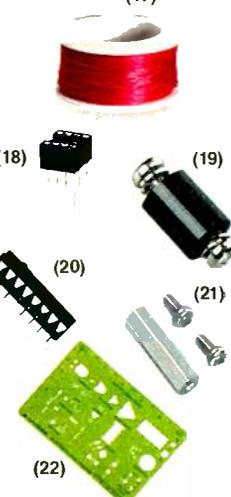
(17) **30-gauge wire for wrapping.** 50-feet in colors shown below ..... **Each 2.99**

Color	Cat. No.	Color	Cat. No.	Color	Cat. No.
Red	278-501	White	278-502	Blue	278-503

(18) **Wire-wrapping DIP IC sockets.** Standard post accepts three levels of wrapping.

Pins	Cat. No.	Price	Pins	Cat. No.	Price
8	276-1988	2/1.39	16	276-1994	2/1.69
14	276-1993	2/1.59	28	276-1983	Ea. 1.39

## Board accessories



(19) **Insulated standoffs.** Great for mounting circuit boards. Includes 10mm length board mounting posts, screws and washers. **276-1381** ..... **Set of 4/2.19**

(20) **PC board wire terminals.** Two-position. For wire hookups. **276-1388** ..... **Pkg. of 4/2.29**

(21) **Metal standoffs with screws.** 1/16"-high board mounting posts. **276-195** ..... **Set of 4/1.29**

(22) **Circuit symbols drawing template.** This durable guide makes it easy to draw clear, industry-standard schematic diagrams. **276-180** ..... **3.99**





Miniature



Standard, Heavy-duty

**Popular power transformers—ideal for building your own power supplies or replacement use**

UL recognized. Miniature type has tabs and pins for mounting on a printed circuit board. Standard and heavy-duty types are metal-enclosed, and have mounting tabs and wire leads. All primaries are for 120VAC. CT indicates a center-tap in the secondary winding.

Type	Volts	Current	Body in Inches	Cat. No.	Each
Miniature	12.6	300mA	1 1/4 x 1 1/16 x 1 1/16	273-1385	3.99
Standard	12.6 CT	450mA	1 1/16 x 1 1/16 x 1 1/2	273-1365	4.99
Standard	25.2 CT	450mA	1 1/16 x 1 1/16 x 1 3/4	273-1366	5.99
Standard	12.6 CT	1.2A	1 1/16 x 1 1/16 x 1 1/16	273-1352	7.99
Heavy-duty	12.6 CT	3.0A	2 1/16 x 2 1/2 x 2 1/4	273-1511	9.99
Heavy-duty	18.0 CT	2.0A	2 1/16 x 2 1/16 x 2 3/8	RSU 10524239	9.99
Heavy-duty	25.2 CT	2.0A	2 1/4 x 2 1/4 x 2 1/4	273-1512	9.99

**Audio transformers for projects and repairs**

(1) Audio output transformer. 1,000-ohm center-tapped primary, 8-ohm secondary. Many uses including audio output and low-level impedance matching. 273-1380 ..... 1.99

(2) 1:1 isolation transformer. For phone-line interconnects, coupling. 600-900 ohms. 300Hz to 5kHz response. 100 megohms insulation resistance at 250VDC. 273-1374 ..... 3.99

**Interference fighters and microphone elements**

(3) Snap-together toroid choke core. Helps cut RFI (radio frequency interference). Use on phone, computer, AC, audio and coax cables. No need to cut cable—simply wind it through the core (3a). Opening: 7/8 x 7/8". 273-104 ..... Pkg. of 2/7.99

(5) 100µH RF choke. Rated 2 amps. Wire leads. 273-102 ..... 99¢

(6) PC-mount electret microphone element. Omnidirectional. Provides wide 20-15,000Hz frequency response. Requires 2-10VDC. 270-090 ..... 1.99

(4) Snap-together ferrite choke core. Effective, easy-to-use RFI fighter. Just snap over coax cable, AC or audio cord. 273-105 ..... 4.99

(7) Electret microphone element with leads. Omnidirectional. 30-15,000Hz response. Great for projects or upgrading an older mic. Requires 4-10VDC. 270-092 ..... 2.99

**RF experimenter's delight! 30-piece coil/choke assortment**

Super-bargain for the radio-frequency experimenter. May include various marked and unmarked RF and IF coils and transformers, video peaking coils and small axial-lead chokes. 273-1601 ..... 2.29



**Piezo speakers, transducer elements & buzzers**

(8) Piezo speaker element. Only 1 3/16" diameter by 5/64" thin. Can be driven directly by an IC. 273-091 ..... 2.49

(10) Fixed-frequency piezo element. 3-wire type requires external driver circuit. 273-064 ..... 1.79

(9) 1,500-3,000Hz piezo element. 2-wire type requires an external driver circuit. 273-073 ..... 1.49

(11) 8-ohm mini speaker. 29mm diameter. Wire leads. 273-092 ..... 2.29

Fig.	Buzzer Type	Operating Volts	Current	Decibels	Buzzer Tone	Cat. No.	Each
12	Magnetic	6-16VDC	10mA at 12V	85dB	3400Hz	273-026	2.39
13	Electric	1.5-3VDC	15mA max.	75dB	300-500Hz	273-053	2.59
-	Electric	6VDC	20mA max.	75dB	300-500Hz	273-054	2.59
-	Electric	12VDC	15mA max.	75dB	300-500Hz	273-055	2.59
14	Piezo 2-tone	6-16VDC	65mA at 12V	100dB	3,200Hz	273-070	10.99
15	Chime	6-18VDC	35mA at 12V	80dB at 12V	—	273-071	9.99
16	Piezo pulse	4-28VDC	10mA	80dB	2,900Hz	273-068	8.49
17	Piezo	6-18VDC	10mA at 12V	76dB	2,800Hz	273-059	2.99
18	Piezo pulse	3-28VDC	12mA at 12V	90dB	2,800Hz	273-066	4.99
19	PC piezo	12VDC	7mA at 12V	70dB	4,200Hz	273-074	2.99
20	Piezo	4-28VDC	5mA at 12V	85dB	3,600Hz	273-060	3.29
21	PC piezo	3-20VDC	7mA at 12V	78dB	2,800Hz	273-065	2.99
22	Panel piezo	12VDC	7mA at 12V	95dB	3,500Hz	273-075	6.99



**Motors to add motion to your projects**

1 1/2 to 3VDC. Just right for solar power demonstrations, robotics, models and science projects. 8,300RPM. About 1 1/2" long by 1 1/16" diameter. 273-223 ..... 99¢

**New** Plastic case and gears kit for above. RSU 11903135 ..... 4.99

**High-speed 12VDC.** Up to 15,200RPM at no load. About 2" long (including shaft) by 1" diameter. 273-255 ..... 2.99

**Super-speed 9 to 18VDC.** Incredible 24,000 RPM at no load. About 2" long. 273-256. . . 3.49

**Equipment that runs cooler lasts longer**

**New 12VDC blower fan**



Quality ball-bearing type at a low price. 2,600RPM, 180mA. Air outlet about 1 3/8" x 7/8". Mounting holes about 3 3/16" apart. 273-260 ..... 9.99

**120VAC 4" fan**



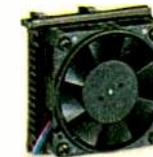
Provides powerful 65CFM (cubic feet per minute) airflow. 4 1/16 x 4 1/16 x 1 1/2". 22 watts. 273-241 ..... 18.99

**3" cooling fans**



**120VAC.** 32CFM. Ideal for cooling a PC. 10 watts. 3 1/2 x 3 7/32 x 1 1/2". UL recognized. 273-242 ..... 16.99  
**12VDC.** 27CFM. Brushless DC motor—tops for mobile gear, hum-sensitive circuits. 10 watts. 3 1/2 x 4 1/16 x 1 1/2". 273-243 ..... 14.99

**Computer CPU cooling fans**



Extra plug included so you can plug another device into same connector as the fan.

**For Pentium® CPU.** 12VDC, 90mA max. 273-247, 14.99

**For 80486 CPU.** 12VDC, 80mA max. 273-246, 12.99

**12VDC micro fan**

6250RPM. Only 1 1/16" square. 273-240 ..... 9.99



**Fan accessories**

**Metal fan guards.** Designed for use with tubeaxial fans. Welded joints, nickel-chrome finish.

**3":** Five rings. RSU 11321841 ..... 1.79

**4":** Eight rings. RSU 11321833 ..... 1.99

**Fan guard and filter assembly.** Includes plastic fan guard, foam dust filter and filter retainer.

**For 3" fan.** RSU 11321874 ..... 2.99

**For 4" fan.** RSU 11321890 ..... 3.99

**Replacement filters.** Polyurethane foam filter prevents dust buildup on CPU processor.

**3":** 30 PPI. RSU 11321908 ..... Pkg. of 5/1.99

**4":** 30 PPI. RSU 11321924 ..... Pkg. of 5/2.59



(1) Fast-acting 1/4x1/4"



(2) Slow-blow 1/4x1/4"



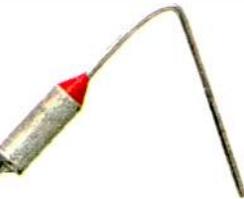
(3) Ceramics for microwaves



(4) Fast-acting 5x20mm



(5) Slow-blow 5x20mm



(6) Thermal protector fuses for coffee makers & more

(1) Fast-acting 1/4x1/4" glass fuses ..... Pkg. of 4/1.29

Amps	Cat. No.	Amps	Cat. No.
1/4	270-1002	3	270-1009
1/2	270-1003	4	270-1010
3/4	270-1004	5	270-1011
1	270-1005	6	270-1012
1 1/2	270-1006	7	270-1013
2	270-1007	8	270-1014
2 1/2	270-1008	10	270-1015

(2) Slow-blow 1/4x1/4" glass fuses ..... Pkg. of 4/1.99

Amps	Cat. No.	Amps	Cat. No.
1/4	270-1017	3	270-1025
1/2	270-1018	4	270-1026
1	270-1021	5	270-1027
1 1/2	270-1022	6	270-1028
2	270-1023	7	270-1029
2 1/2	270-1024	8	270-1030

(3) Ceramic 1/4x1/4" fuses for microwave ovens ..... Pkg. of 4/1.99

Amps	Cat. No.	Amps	Cat. No.
10	270-1039	20	270-1041
15	270-1040	—	—

(4) Fast-acting 5x20mm glass fuses ..... Pkg. of 4/1.99

Amps	Cat. No.	Amps	Cat. No.
0.315	270-1046	2	270-1052
1/2	270-1047	2 1/2	270-1053
3/4	270-1048	3	270-1054
1	270-1049	4	270-1055
1 1/2	270-1050	5	270-1056
1.6	270-1051	—	—

**0.063-amp fast-acting 5x20mm fuses.** Used in many RadioShack multimeters and other test instruments. 270-1044 ..... Pkg. of 2/2.49

(5) Slow-blow 5x20mm glass fuses ..... Pkg. of 4/1.99

Amps	Cat. No.	Amps	Cat. No.
1/2	270-1061	3.15	270-1065
3/4	270-1062	4	270-1066
1	270-1063	5	270-1067
2	270-1064	6.3	270-1068

(6) **Thermal protector fuses.** Used in many coffeemakers, small kitchen appliances and other heating-type devices. Rated 240VAC, 10A. .... Each 1.29

Breaks Circuit at	128°C	141°C	228°C
Cat. No.	270-1322	270-1320	270-1321

**MOV AC line-surge protector.** Heavy-duty metal-oxide varistor. Helps prevent damage to electronic equipment by absorbing voltage surges present on AC power line. 276-568 ..... 1.99

**Car fuse holders & helpers**

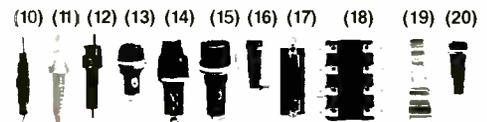
**Solderless holder for glass fuse.** Accepts 1/4x1/4" fuse up to 20 amps. 270-1211 ..... 1.49

**Insertor/extractor.** Install or remove glass or blade fuses without damage. 270-1199 ..... 99¢

**Inline "blade" fuse holder.** Rated for fuse up to 20 amps. 270-1213 ..... 1.99

**Fuse taps.** Easy way to connect power leads, such as from a CB or car stereo, to a vehicle's fuse panel.

**For blade-type fuses.** 270-1204. .... Pkg. of 4/99¢  
**NEW! For mini-blade.** 270-1218 ..... Pkg. of 4/99¢



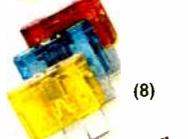
**Fuse holders**

Fig.	Type	Accepts Fuse	Rating at 250VAC	Cat. No.	Price
10	Inline	5x20 mm	5A	270-1238	1.59
11	Inline	1/4x1/4"	5A	270-1281	1.59
12	Heavy-duty inline	1/4x1/4"	20A	270-1217	1.89
13	Panel	5x20mm	10A	270-362	1.59
14	Panel	1/4x1/4"	10A	270-364	1.59
15	Panel	1/4x1/4"	10A	270-367	1.69
16	Universal panel-mount	1/4x1/4", 5x20mm or 2AG	10A	270-368	1.99
17	Chassis	1/4x1/4"	10A	270-739	2/1.19
18	4-position fuse block	1/4x1/4"	20A	270-742	2.39
19	PC-mount fuse clips	1/4x1/4", 5x20mm and 2AG	15A, 10A, 15A	270-744	6-Pc. Set 1.29
20	Square panel-mount	1/4x1/4"	10A	RSU 10524171	1.49

## Automotive fuses and handy fuse kits



(7)



(8)



(9)

(7) **AGC/3AG/SFE-type.** 1/4x1/4"-diameter glass fuses.

Amps	Cat. No.	Pkg. of 4
5	270-1071	1.29
10	270-1072	1.29
15	270-1073	1.29
20	270-1074	1.29

**Glass-type automotive fuse kit.** Be prepared, carry spares! Kit includes two SFE-20, one each of AGC3, 10, 15, 25, 30, and one each of SFE-7 1/2, 9, and 14.

270-1262. .... Set of 10/1.99

(8) **Blade-type automotive fuses.** ..... Pkg. of 3/1.29

Amps	Cat. No.	Amps	Cat. No.	Amps	Cat. No.
1	RSU 11915287	5	270-1079	20	270-1083
2	RSU 11915303	7.5	RSU 11915337	25	270-1084
3	RSU 11915311	10	270-1081	30	270-1085
4	RSU 11915329	15	270-1082	40	RSU 11915345

(9) **Blade-type automotive fuse kit.** Set includes one each of the most popular sizes: 5, 7 1/2, 10, 15, and 20 amps. 270-1201 ..... Set of 5/1.99



**Mini-blade fuse kit.** For late-model car or van. Includes one each: 3, 5, 7 1/2, 10, 15, 20, 25, 30 amps plus a fuse puller. 270-1203. .... 9-Piece Set/2.99

**NEW! Mini-blade fuses.** Used in many late-model cars and vans. .... Pkg. of 3/1.49

Amps	Cat. No.	Amps	Cat. No.
2	RSU 11915261	10	270-1093
3	270-1089	15	270-1094
4	RSU 11915279	20	270-1095
5	270-1091	25	270-1096
7.5	270-1092	30	270-1097

**Fast-acting submini axial-lead fuses.** 125V. Each 89¢



Amps	Cat. No.
1 1/2	RSU 11322864
2	RSU 11322658
3	RSU 11322823
5	RSU 11322542
10	RSU 11322849
15	RSU 11322997

**Slow-blow 1/4x1/4" axial-lead glass fuses.** 250 volts. .... Each 89¢

Amps	Cat. No.
1	RSU 11437969
1 1/2	RSU 11438306
2	RSU 11437977
2 1/2	RSU 11437985
3	RSU 11437993
4	RSU 11438009
5	RSU 11438017

## Gold-plated fuses for car audio systems



**Gold-plated glass fuses.** 1/2x1/2" fast-acting fuses with corrosion-resistant gold plating for the best possible connection, reliability and "show car" appearance.

Amps	Cat. No.	Pkg. of	Price	Amps	Cat. No.	Pkg. of	Price
10	RSU 11915352	2	2.99	40	RSU 11915360	2	2.99
20	270-1122	2	2.99	50	RSU 11915378	2	2.99
30	270-1123	2	2.99	60	270-1126	2	2.99

**Gold-plated inline fuse holder.** Use with fuses above. 270-701 ..... 9.99

**Gold-plated dual fuse block.** Holds 2 of the fuses above. 270-704 ..... 19.99

**Gold-plated quad fuse block.** Holds 4 of the fuses above. 270-707 ..... 29.99

# We're Your Best Connection for Electronic Components

Check our huge in-store stock of parts . . . if you don't find what you need, we can get it for you quickly. Our RadioShack Unlimited<sup>SM</sup> in-store catalog offers thousands of electronic parts, accessories and supplies, including the latest in diodes and ICs, capacitors, resistors, transistors, project cases, lamps, switches, transformers, fuses, connectors, and more. Ordering is easy, and it will be shipped direct to your home or office. (See page 4.)

You've got questions. We've got answers.

## Barrier strips and accessories



(1) **Dual-row barrier strips.** Barriers between the positions help prevent accidental contact and short circuits.

Positions	Cat. No.	Price
2	274-656	<b>Pkg. 2/1.69</b>
3	RSU 11673209	<b>1.19</b>
4	274-658	<b>1.59</b>
5	RSU 11673217	<b>1.79</b>
6	274-659	<b>1.99</b>
8	274-670	<b>2.39</b>
10	RSU 11673225	<b>3.19</b>
12	RSU 11673233	<b>3.49</b>



(2) **8-position jumper.** Use to connect up to eight terminals on barrier strips above and below. 274-650 . . . . . **1.59**



(3) **Chassis-mount feed-through barrier strips.** With screw terminals and 3/16" solder tabs on rear.

Positions	Cat. No.	Each
4	RSU 11673159	<b>1.89</b>
5	RSU 11673167	<b>2.29</b>
6	RSU 11673175	<b>2.59</b>
8	274-653	<b>2.99</b>
10	RSU 11673183	<b>3.99</b>
12	RSU 11673191	<b>4.69</b>



(4) **Single-row barrier strips.** With screw terminals.

Positions	Cat. No.	Each
2	RSU 11673076	<b>1.19</b>
3	RSU 11673084	<b>1.49</b>
4	RSU 11673092	<b>1.69</b>
5	RSU 11673100	<b>2.19</b>
6	RSU 11673118	<b>2.29</b>
8	RSU 11673126	<b>2.89</b>
10	RSU 11673134	<b>3.49</b>
12	RSU 11673142	<b>3.99</b>



## (6) Wire terminal strips

(5) **Five-lug tie points.** Use center lug for grounding when used on metal chassis. 274-688 . . . . . **Pkg. of 4/1.29**

(6) **Two screw terminals with phono jack.** Ideal for replacing jacks on speakers or for use on projects. 274-620 . . . . . **Pkg. of 2/1.59**



(7) **PC-board wire terminals.** Two-position strip. Ideal for radio projects. 276-1388 . . . . . **Pkg. of 4/2.29**



## (8) European-style terminal strips.

Description	Cat. No.	Each
NEW 12-position mini	274-680	<b>1.99</b>
8-position standard	274-678	<b>2.19</b>
12-position standard	274-679	<b>2.59</b>
12-position jumbo strip—each position accepts 2 wires	274-677	<b>4.19</b>



## Multitester accessories

Figs. 9 and mini-hook adapters slip easily over test probe tips to make your leads more versatile.

(9) **Alligator clip adapters.** Great for attaching test probes to test points and terminals. 270-354 . . . . . **Pair 2.59**

**Mini-hook adapters.** Ideal for attaching test probes to component and IC leads. 270-334 . . . . . **Pair 2.99**

(10) **Micro-clip jumper wires.** 20" long. 278-017 . . . . . **Pair 4.19**

**Mini-clip jumper wires.** 20" long. 278-016 . . . . . **Pair 4.19**

(11) **Test leads with safety shroud.** Banana plugs are covered for extra protection. 36" long. 278-708 . . . . . **Pair 4.99**

(12) **Test leads with banana plugs.** 36" long. 278-704 . . . . . **Pair 3.99**

**Mini-clip test leads.** 48" long. Clip at one end, banana plug at other. With pin-tip adapters. 278-1160 . . . . . **Pair 4.79**

**Coiled 6-ft. test leads.** Test probe at one end, banana plug at the other. Coiled cord. 278-750 . . . . . **Pair 6.99**

**Test leads with 90° pin tips.** 47" long. 278-712 . . . . . **Pair 2.99**

**Test leads with 90° banana plugs.** 47" long. 278-713 . . . . . **Pair 3.99**

**Test leads with pin tips.** 36" long. 278-705 . . . . . **Pair 2.99**

## Dial cord replacement kit

(13) **Six feet of high-strength replacement dial cord with three assorted tension springs.** RSU 10524395 . . . . . **99¢**

See pages 170-171 for our great selection of multimeters and multimeters.

## (14) Control knobs for 1/4"-diameter shafts

■ With quality brass bushings and set screws

(14) **Red insert.** 1" diameter by 3/8". Use with blue style, below, to color-code controls. 274-433 . . . . . **Pkg. of 2/1.29**

(15) **Contemporary.** 1" diameter by 3/8". 274-424 . . . . . **Pkg. of 2/2.39**

(16) **Hexagonal.** 1 1/4" diameter by 3/8". 274-407 . . . . . **Pkg. of 2/1.39**

(17) **Communications.** 1 1/2" diameter by 3/8". Features a knurled grip and groove pointer. 274-402 . . . . . **Pkg. of 2/1.39**

(18) **Blue insert.** 1/2" diameter by 3/8". Color-matched to our popular #270-220-series enclosures. 274-403 . . . . . **Pkg. of 2/99¢**

(19) **Hexagonal with aluminum insert.** 3/4" diameter by 3/8". Knurled plastic grip. 274-415 . . . . . **Pkg. of 4/1.89**

(20) **Jumbo version of Fig. 19.** 1" by 3/8". 274-416 . . . . . **Pkg. of 4/2.29**

(21) **2 color.** 3/4" diameter by 1/2". Gray base, blue cap, knurled grip finish. RSU 10524312 . . . . . **2.19**

(22) **Large version of Fig. 21.** 1 1/8" by 1/2". RSU 10524320 . . . . . **2.59**

## Selco Knobs

(23) **Soft-touch 11mm push-on knob with 6mm splined shaft.** Also available in red and yellow. RSU 11694049 . . . . . **99¢**

(24) **15mm knob with collet attachment and 1/4" round shaft.** Also available in red, yellow and black. RSU 11694080 . . . . . **2.19**

**Wrench for 15mm knobs with collet attachment.** RSU 11694304 . . . . . **1.29**

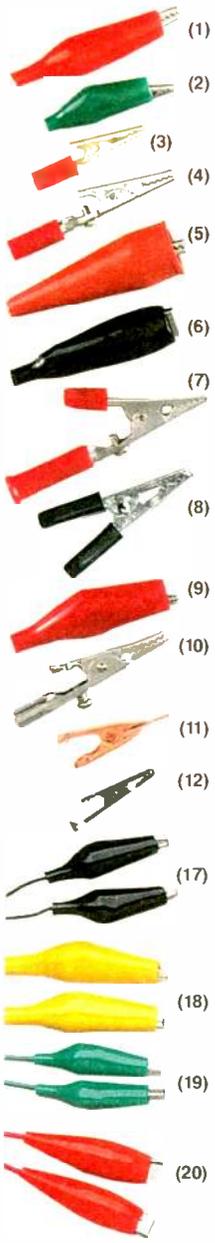
(25) **21mm knob with collet attachment and 1/4" round shaft.** Also available in yellow, blue and black. RSU 11694155 . . . . . **2.29**

(26) **15mm push-on knob with 1/4" "D" shaft.** Also available in red, blue and black. RSU 11693892 . . . . . **1.19**

(27) **21mm push-on knob with 1/4" "D" shaft.** Also available in red, yellow, blue. RSU 11672268 . . . . . **1.29**

Super selection of test and hookup clips

Fig.	Size	Type	Set of	Description	Cat. No	Price
1	1 3/8"	Mini	12	6 red, 6 black	270-1545	2.99
2	1 1/2"	Mini	10	3 black, 3 red, 2 green, 2 yellow	270-378	2.79
3	1 3/8"	Micro	8	Brass plated. 4 red, 4 black	270-1540	2.49
4	2 1/4"	Alligator	10	Screw terminals. 5 red, 5 black	270-375	2.89
5	2 5/8"	Claw	4	Heavy duty. Rated 10A, 2 red, 2 black	270-349	2.49
6	1 3/8"	Claw	4	Rated 5 amps. 2 black, 2 red	270-359	2.29
7	2 1/4"	Alligator	10	Screw terminals. 5 red, 5 black	270-347	2.49
8	1 3/8"	Mini 'gator	10	5 red, 5 black	270-374	2.49
9	2"	Alligator	4	Screw terminals. 2 red, 2 black	270-356	1.99
10	1 1/8"	Slim	8	Screw terminals	270-346	2.29
11	1 1/8"	Micro	10	All purpose. Copper-plated, smooth ends	270-373	2.29
12	1 1/2"	Mini	12	Rated 1 amp. Solder type	270-380	2.29



Heavy-duty car battery clips

These sets include one black and one red.

(13) "Hippo" clips. Handle up to 200 amps! 6" long, open to 1 1/4". 270-339 ..... Set of 2/4.99

(14) 50-amp. For big jobs, such as use on booster cables. Open to 1 1/2". 270-342 ..... Set of 2/3.99

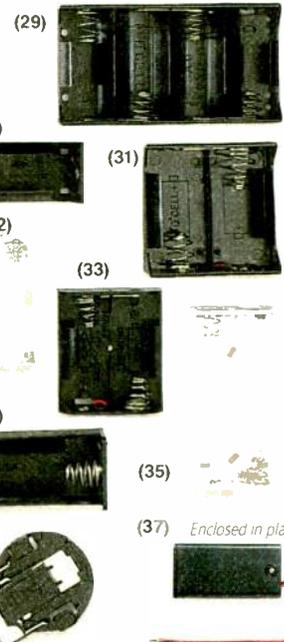
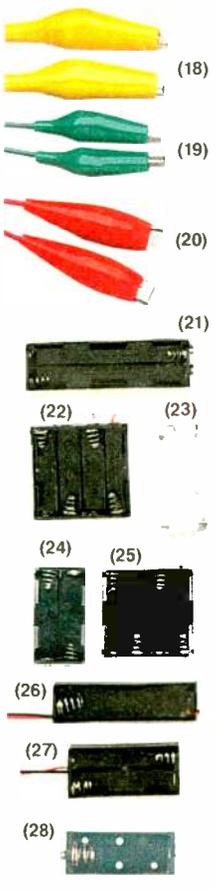
(15) 30-amp. Good for replacement on a battery charger. Open to 1 1/8". 270-343 ..... Set of 2/2.99

(16) 10-amp. Ideal replacement for trouble lights. 2 1/4" long. Open to 3/4". 270-344 ..... Set of 2/1.99

Insulated test/jumper cable sets

Color-coded test leads have an insulated clip at each end. Provide secure connections for easier testing.

Fig.	Length	Type	Set of	Colors	Cat. No.	Price
17	14"	Mini alligator	10	Black, green, red, white, yellow	278-1156	3.99
18	30"	1" alligator	4	Black, green, red, yellow	278-001	3.69
19	24"	Mini alligator	8	Black, green, red, yellow	278-1157	3.99
20	40"	Heavy-duty claw	6	Black, blue, green, red, white, yellow	278-002	4.69



Battery holders

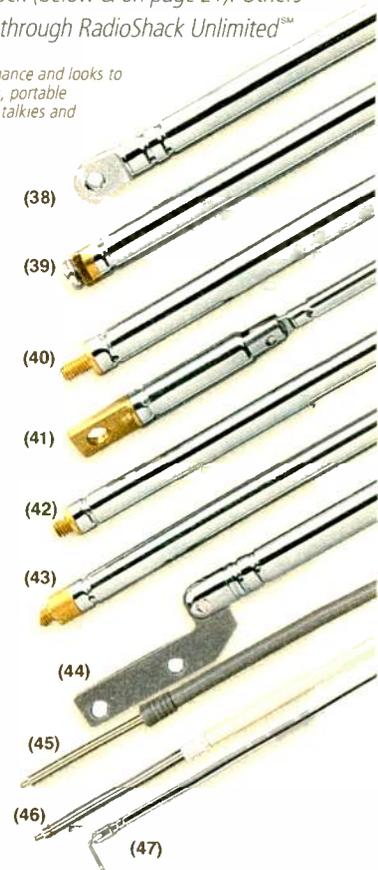
All have leads except \*, which have a snap connector that accepts #270-324/325 below

Fig	Holds	Cat. No.	Each
21	8 "AA"	270-407*	1.49
22	4 "AA"	270-391	1.39
23	2 "AA"	270-382*	1.29
24	4 "AA"	270-383*	1.39
25	8 "AA"	270-387*	1.49
26	1 "AA"	270-401	.79
27	2 "AAA"	270-398	.89
28	1 "N"	270-405	.79
29	4 "D"	270-396	1.79
30	1 "D"	270-403	.99
31	2 "D"	270-386	1.59
32	4 "D"	270-389	1.79
33	2 "C"	270-385	1.39
34	1 "C"	270-402	.89
35	4 "C"	270-390	1.59
36	Lithium	270-430	1.99
NEW 37	2 "AA"	270-408	1.39

The Easy Fix for Broken Antennas

16 styles in stock (below & on page 21). Others available fast through RadioShack Unlimited<sup>SM</sup>

Restore performance and looks to cordless phones, portable stereos, walkie-talkies and RC car remotes



Replacement rod antennas for cordless phones & more

Fig	Sections	Extends to	Cat. No.	Each
38	5	30 3/4"	270-1401	3.49
38	4	34 1/4"	270-1402	3.99
38	3	39 1/2"	270-1403	4.49
38	6	71 1/2"	270-1408	4.99
39	5	15 1/2"	270-1406	3.49
40	5	28"	270-1405	3.99
41	6	16"	270-1410	4.19
41	6	11"	270-1411	3.99
42	2	16 1/2"	270-1412	3.49
42	5	22 1/2"	270-1416	4.49
42	9	24"	270-1413	4.99
43	5	13 1/2"	270-1414	3.49
43	5	13 3/8"	270-1415	3.49
44	6	17 1/4"	270-1409	3.49
45	1	—	270-1451*	7.99
46	1	—	270-1453**	7.99
47	4	23 3/8"	RSU 10524189†	3.49

\*Flexible, for many AT&T cordless phones. \*\*Flexible, for many RadioShack cordless phones. †For phone base.



9-volt battery holder. Use to secure a 9V battery in projects. Pkg. of 2. 270-326. .... 99c

9V snap connectors. For replacement or projects. Package of five. 270-325. .... 1.39

Heavy-duty 9V snap connectors. Built stronger to last longer. Pkg. of 5. 270-324. 1.89

**RadioShack Unlimited<sup>SM</sup>**

Additional D-sub connectors are available *fast*, shipped direct to your door from RadioShack Unlimited.

**Right-angle D-sub connectors**

(1) 90° D-sub with shielded PCB connectors, gold-plated contacts and tin shell. Includes screw locks and hardware.

Description	Cat. No.	Each
9-position male	RSU 11354370	1.19
9-position female	RSU 11354362	1.19
15-position male	RSU 11354388	1.39
15-position female	RSU 11354396	1.39
25-position male	RSU 11354404	1.79
25-position female	RSU 11354412	1.79
15-pos. hi-density fem.	RSU 11354354	2.69

**D-sub hoods for 9-pin and 25-pin D-sub connectors**

Professional D-sub casing with built-in strain relief. Fits snugly over D-sub connectors to protect crimp and solder contacts from dirt, dust and damage for higher reliability and stable mounting. Can be used for plug or receptacle connectors. Includes hardware.

Fig.	Description	Cat. No.	Each
2	9-position metal	276-1508	2.19
	25-position metal	276-1510	2.79
3	25-pos. gender changer	276-1520	1.79
4	9-position nonshielded	276-1539	.99
	25-position nonshielded	276-1549	1.19
5	9-position metalized	276-1513	1.49
	25-position metalized	276-1536	1.99

**Solder D-sub connectors**

**Gold-plated pins and terminals.**

Contact terminals accommodate up to 20AWG wire. Steel shell plated with zinc or tin. The keystone shape of the shell assures proper polarization. Coupling is accomplished by contact friction, although standard locking accessories may be used. Rated: 5A, 500VAC for one minute. Temperature: -40°C to 105°C.

Fig.	Description	Cat. No.	Each
6	9-position male	276-1537	.99
	9-position female	276-1538	1.29
7	25-position male	276-1547	1.49
	25-pos. female	276-1548	1.99
8	15-pos. HD male	276-1501	1.29
9	15-pos. HD female	276-1502	1.79

**Crimp D-sub connectors**

Gold-plated contacts for high reliability.

Fig.	Description	Cat. No.	Each
10	9-position male	276-1427	.99
	9-position female	276-1428	1.49
11	25-position male	276-1429	1.99
	25-position female	276-1430	2.49

**D-sub pin crimper**

(12) Professional steel tool accepts #20, #24 and #28 computer connector pins. 6 1/8" long. 276-1595 . . . . . 9.99

**D-sub pin insertion and extraction tool**

(13) For crimp-type contact pins. The red end inserts wired crimp pins and the white end extracts them. 276-1426 . . . . . 2.99

**Female screw lock**

(14) For use with above D-sub connectors (1 set).  
 .30"-long threads. RSU 11917663 . . . . . 99¢  
 .50"-long threads. RSU 11917671 . . . . . 99¢

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4

# Your Best Source for Computer Connections

Need a cable connector or adapter to link up your computer to a printer, peripheral or telephone network system? We have all types of common cable connectors in stock. And, if you're looking for a special connector or adapter, whether it's for temporary or permanent use, we carry many hard-to-find parts and tools so you can build it yourself!

(15) RS-232 male D-sub 25 to RJ-11. Has 6-position modular jack. Connects up to six RS-232 peripheral lines of your choice. 276-1405 . . . . . 2.99  
 RS-232 female D-sub 25 to RJ-45. Has 8-position modular jack. 276-1406 . . . . . 4.49

**Peripheral hookup helpers**

(16) RS-232 troubleshooter. Spots problems fast! Handy checker connects inline to check out computers and peripheral devices. Displays status with LEDs that monitor seven RS-232 data/control lines. D-sub 25. 276-1401 . . . . . 14.99

(17) RS-232 serial jumper box. Shielded shunt box allows you to custom design an inline adapter for serial communications to suit your need. Includes jumper, coupling hardware. 276-1403 . . . . . 9.99

**DIN connectors**

(18) For computer keyboard and peripheral hookups, extension cords and European audio.

Type	Pins	Cat. No.	Each
Jack	5	274-006	1.99
Plug	5	274-003	1.99
Plug	6	274-020	1.99
Plug	8	274-026	1.99

**Mini DIN connectors**

(19) Smaller version of Fig. 18 above.

Type	Pins	Cat. No.	Each
Male	6	276-1474	1.49
Female	6	276-1475	1.69

**Computer cables**

(20) 5 1/4" -to-3 1/2" disk drive adapter. 278-765 . . . . . 2.99

10" drive-extension cable. 278-767 . . . . . 2.99

(21) Power "Y". For powering two drives. 278-766 . . . . . 3.99

(21) **New** 3.5" disk drive "Y"-adapter power cable. Powers two 3.5" disk drives from one 5.25" standard power connector. 278-761 . . . . . 3.99

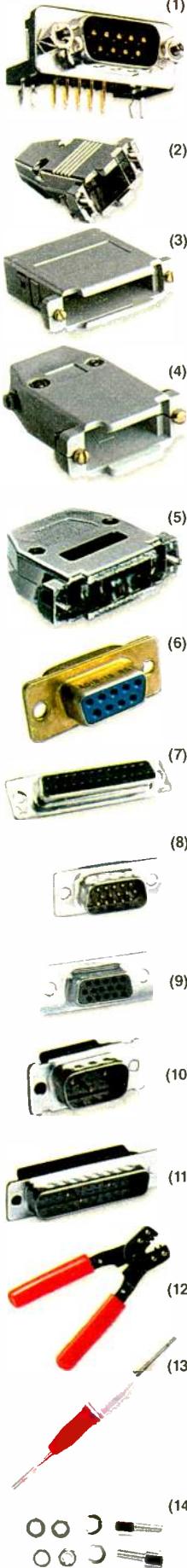
(22) **New** 5.25 and 3.5" disk drive "Y"-adapter power cable. Powers a 3.5" and 5.25" disk drive from one 5.25" standard power connector. 278-762 . . . . . 3.99

(23) **New** IDE dual hard drive cable. Connects any two 40-pin IDE hard drives to a computer mother board with 40-pin connector. 23 1/2" long. 278-780 . . . . . 6.99

**New** Universal floppy controller cable. Internal ribbon connects 5.25" or 3.5" drive to your mother board. 32 1/2" long. RSU 11616562 . . . . . 8.99

(24) **New** Male screw retainers. Mounting screws for our D-sub connectors. 1 set. RSU 11917648 . . . . . 99¢

(25) **New** Male screw "wrap-style" retainers. For mounting D-sub connectors. 1 set. RSU 11917655 . . . . . 99¢





### Retention contacts

Solder-type DIP IC sockets. Closed-bottom design helps prevent wicking and flux contamination. Wide entry area for easy IC insertion. Pin 1 is polarized. Rated 1 amp with withstanding voltage: 1000VDC (1 minute). Includes retention legs.

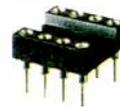
Pins	Spacing	Cat. No.	Price
8	.300	276-1995	<b>Pkg. of 2/5.9</b>
14	.300	276-1999	<b>Pkg. of 2/9.9</b>
16	.300	276-1998	<b>Pkg. of 2/9.9</b>
18	.300	276-1992	<b>Each .49</b>
20	.300	276-1991	<b>Each .59</b>
28	.600	276-1997	<b>Each .99</b>
40	.600	276-1996	<b>Each .99</b>



### Non-retention contacts

Same as retention contacts at left, but without retention leg. Dual wipe contacts maximize contact area and minimize resistance. Side and end stackable. Rated 1 amp with withstanding voltage: 1000VDC (1 minute).

Pins	Spacing	Cat. No.	Price
6	.300	RSU 11661980	<b>2/5.9</b>
8	.300	RSU 11661998	<b>2/5.9</b>
14	.300	RSU 11662004	<b>2/5.9</b>
16	.300	RSU 11662012	<b>2/5.9</b>
18	.300	RSU 11662020	<b>2/5.9</b>
20	.300	RSU 11354297	<b>.49</b>
24	.300	RSU 11354305	<b>.49</b>
28	.300	RSU 11354321	<b>.49</b>
28	.600	RSU 11354313	<b>.49</b>
32	.600	RSU 11354339	<b>.59</b>
40	.600	RSU 11354347	<b>.59</b>



### Machined contacts

Closed bottom with open frame for maximum cooling. Four-finger, BeCu inner contact with funnel entry allows for easy insertion of IC lead. Gold-plated contacts.

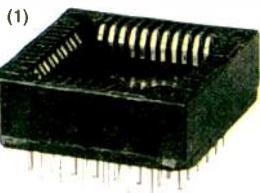
Pins	Spacing	Cat. No.	Each
8	.300	RSU 11354180	<b>.59</b>
14	.300	RSU 11354198	<b>.79</b>
16	.300	RSU 11354206	<b>.99</b>
20	.300	RSU 11354214	<b>1.29</b>
24	.300	RSU 11354222	<b>1.59</b>
40	.600	RSU 11354230	<b>2.79</b>



### Wire-wrap DIP IC sockets

Standard post accepts three levels of wrapping.

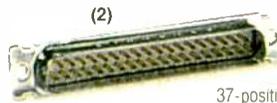
Pins	Spacing	Cat. No.	Price
8	.300	276-1988	<b>2/1.39</b>
14	.300	276-1993	<b>2/1.59</b>
16	.300	276-1994	<b>2/1.69</b>
28	.600	276-1983	<b>1.39</b>



### (1) PLCC sockets

Chip carrier sockets accept JEDEC leaded Type A. PLCC Contact solderdetails on 2.54mm square grid. 1 amp min./500VAC RMS.

Description	Cat. No.	Each
44-position	RSU 11354438	<b>1.19</b>
68-position	RSU 11354446	<b>1.49</b>
84-position	RSU 11354453	<b>1.99</b>



(2)

37-position male



(3)

36-position male

### (2) Crimp D-sub connectors and strain reliefs

For ribbon cable. Improved metal strain relief hooks directly to metal shell.

Description	Cat. No.	Each	Use Strain Relief	Each
9-position male	RSU 11350683	<b>4.99</b>	RSU 11350212	<b>.29</b>
9-position female	RSU 11350006	<b>5.19</b>		
15-position male	RSU 11350691	<b>5.69</b>	RSU 11350220	<b>.29</b>
15-position female	RSU 11350014	<b>5.89</b>		
25-position male	RSU 11350709	<b>6.49</b>	RSU 11350238	<b>.29</b>
25-position female	RSU 11350022	<b>6.59</b>		
37-position male	RSU 11350717	<b>8.39</b>	RSU 11350246	<b>.39</b>
37-position female	RSU 11350030	<b>8.49</b>		
50-position male	RSU 11350725	<b>18.19</b>	RSU 11350253	<b>.69</b>
50-position female	RSU 11350048	<b>18.19</b>		

### (3) Crimp D-ribbon connectors and strain reliefs

For use with ribbon, round or jacketed cable. Low-profile design.

Description	Cat. No.	Each	Use Strain Relief	Each
24-position male	RSU 11349560	<b>5.19</b>	RSU 11350279	<b>.39</b>
24-position female	RSU 11349685	<b>5.19</b>		
36-position male	RSU 11349537	<b>6.39</b>	RSU 11350287	<b>.39</b>
36-position female	RSU 11349651	<b>6.39</b>		
50-position male	RSU 11349594	<b>7.69</b>	RSU 11350295	<b>.49</b>
50-position female	RSU 11349719	<b>7.69</b>		



### 14-piece computer tool kit

Includes all the tools you need for the routine maintenance of your PC's components and peripherals. Tools are demagnetized to protect components. Includes anti-static 8-28 pin DIP extractor, anti-static 8-28 pin DIP chip inserter, non-conductive 3-pronged parts retriever, tweezers, 1/8" and 3/16" slotted screwdrivers, #0 and #1 Phillips screwdrivers, 3/16" and 1/4" nut-drivers, Torx® screwdriver with T10 and T15 bits, extra parts tube and zipper carry case. **64-1990** . . . . . **14.99**



### SQUARE IC PLCC extraction tool

Spring-assisted chip extraction tool removes PLCC ICs from 18 to 224 pins from any socket. **276-2101** . . . . . **9.99**

### (4) Memory SIMM sockets

Mates RAM module PCB card. JEDEC standard. Tin-plated. Single (30) or dual (60) rows, angled or straight. 2.5A/1000VAC.

Description	Rows	Cat. No.	Each
30-pos. vertical	Single	RSU 11354735	<b>1.99</b>
30-pos. 25° angle	Single	RSU 11354750	<b>1.99</b>
60-pos. vertical	Dual	RSU 11354727	<b>3.49</b>
60-pos. 25° angle	Dual	RSU 11354743	<b>3.49</b>

### Solderless IDC-type connectors

Insulation Displacement Connectors (IDC) attach to multiconductor ribbon cable used in many computer peripheral hookups. Just insert the ribbon and push down to lock it into place. No soldering, no screws. . . . . no mess!

Fig.	Description	Cat. No.	Each
5	25-position D-sub male	276-1559	<b>3.99</b>
6	25-position D-sub female	276-1565	<b>3.99</b>
7	20-position IDC socket	RSU 11924420	<b>1.79</b>
7	26-position IDC socket	RSU 11924438	<b>1.99</b>
7	30-position IDC socket	RSU 11924446	<b>2.29</b>
7	34-position IDC socket	276-1525	<b>2.49</b>
7	40-position IDC socket	RSU 11924453	<b>2.79</b>

### (8) Ribbon card edge connectors

Connects AWG #28 or #30 flat cable for 1 DC. 1.27mm (0.05") spacing. Rated 1 amp/500VAC (1 minute).

Description	Cat. No.	Each
14 position	RSU 11674215	<b>.79</b>
16 position	RSU 11674223	<b>.79</b>
20 position	RSU 11674231	<b>.99</b>
26 position	RSU 11674249	<b>.99</b>
34 position	RSU 11674256	<b>.99</b>
40 position	RSU 11674264	<b>1.19</b>
50 position	RSU 11674272	<b>1.19</b>
60 position	RSU 11674280	<b>1.99</b>

### Nonshielded ribbon cable

(9) 25-conductor. 5 feet. **278-772** . . . . . **3.99**

### Multiconductor cable

(10) 4-conductor, dual-shield. 30 ft. **278-777** . . . . . **8.99**

### IDC connector tool

(11) Crimping tool makes it easy to attach IDC connectors to flat ribbon cables. **RSU 10274538** . . . . . **12.99**

**DC power connectors**

I.D.=Inside Diameter.  
O.D.=Outside Diameter.

**Coaxial plugs.** Fit many CD and tape portables, RC cars, keyboards. Ideal for changing AC adapter terminations.



Fig.	O.D.	I.D.	Cat. No.	Pkg. of 2
1	3.5mm	1.3mm	274-1571	1.99
	5.0mm	1.6mm	274-1570	1.89
	5.0mm	2.1mm	274-1567	1.89
2	5.0mm	2.5mm	274-1568	1.89
	5.5mm	2.1mm	274-1569	1.69
3	5.5mm	2.5mm	274-1573	1.69
	6.3mm	3.0mm	274-1572	1.79
4	4.0mm	1.7mm	274-1532	1.99
4	4.75mm	1.7mm	274-1533	1.99

**(5) Metal panel-mount DC input jacks.** Rugged metal construction for longer life. 5.5mm outside diameter.

2.1mm I.D. 274-1563 ..... 1.69  
2.5mm I.D. 274-1576 ..... 1.69

**(6) Molded DC jacks.** 5.0mm O.D., 2.1mm I.D. 274-1565 ..... Pkg. of 2/1.69

**(7) Inline jack.** Ideal for making extensions or quick-disconnect DC power hookups. 5.5mm O.D., 2.1mm I.D. 274-1577 ..... 1.99

**(8) Panel-mount metal DC power jacks with switch.** 5.5mm outside diameter.  
2.1mm. I.D. 274-1582 ..... 1.99  
2.5mm. I.D. 274-1583 ..... 1.99

**(9) Edgcard connectors**

Sizes for XT, AT, and Pentium-based motherboards—see our RadioShack Unlimited catalog complete specifications. 2.54mm centerline dual-position slot. Gold-plated contacts. Without mounting ears.

No. of positions	Contact length (mm)	Cat. No.	Each
36	3.60	RSU 11927233	1.29
62	3.60	RSU 11927241	1.49
98	3.60	RSU 11927258	1.89
120	2.80	RSU 11927274	2.19
188	3.18	RSU 11927282	2.99

**Heavy-duty connectors**

Rated 7.5 amps, 500V maximum per position. Polarized to assure correct hookup.

**(10) Sockets**

Positions	Cat. No.	Each
2	274-201	2.39
4	RSU 11926664	2.69
6	RSU 11926672	2.79
8	RSU 11926680	3.19
10	RSU 11926698	3.49

**(11) Plugs**

Positions	Cat. No.	Each
2	274-202	2.39
4	RSU 11926623	2.69
6	RSU 11926631	2.79
8	RSU 11926649	3.19
10	RSU 11926656	3.49

**Polarized interlocking connectors**

**(12) Two-pin male/female set.** Polarized to assure correct hookup. Handles up to 12 amps, 250VAC per circuit. 274-222 ..... Set 99¢



**Heavy-duty male.** 250V per circuit. 20 amps. 274-151 ..... 99¢

**Heavy-duty female.** 250V per circuit. 20 amps. 274-154 ..... 99¢

**Standard male, 250V per circuit**

Positions	Amps	Cat. No.	Each
4	9	274-224	1.19
6	9	274-226	1.39
9	9	274-229	1.69
12	7.5	274-232	1.89

**Standard female, 250V per circuit**

Positions	Amps	Cat. No.	Each
4	9	274-234	1.19
6	9	274-236	1.39
9	9	274-239	1.69
12	7.5	274-242	1.89

**(13) Pin extractor.** For standard polarized connectors. Remove male or female .093" dia. locking crimp pins easily, without damage. 274-223 ..... 4.99



**Terminal blocks connect wires to printed circuit boards**

Run wires from the "brains" of a circuit to the "muscle" of a motor, or other circuit. Two and three-wire terminal blocks are rated at 8, 10 or 16 amps. 5mm, 5.08mm or 7.5mm pin spacing. Side, angle or top/side wire entry.

Fig.	Wire Entry Holes	Amps	Pin Spacing (mm)	Wire Entry	Cat. No.	Each
14	2	16	5	Side	RSU 11354800	.39
	3	16	5	Side	RSU 11354032	.79
15	2	10	5	Top/side	RSU 11354099	.89
	3	10	5	Top/side	RSU 11354107	1.19
16	2	8	5	Top/side*	RSU 11354164	1.59
	3	8	5	Top/side*	RSU 11354172	2.29
17	2	16	5	Side	RSU 11354024	.59
	3	16	5	Side	RSU 11354040	.79
18	2	16	7.5	Side	RSU 11354057	.69
	3	16	7.5	Side	RSU 11354065	.89
19	2	16	5.08	Side	RSU 11354073	.59
	3	16	5.08	Side	RSU 11354081	.79
20	2	16	5	Angle	RSU 11354123	.79
	3	16	5	Angle	RSU 11354131	1.19
21	2	16	5	Side	RSU 11354149	.59
	3	16	5	Side	RSU 11354156	.79

\*Requires headers for horizontal or vertical mounting.

**Fix Broken Connections and Save**

Why pay to have it fixed? Replace it with a quality connector from RadioShack. We stock connectors for almost every use, from small electronics to home appliances and computers, even circuit terminals for electronic hobbyists.



Below are some common coaxial plug sizes. Use the illustration to conveniently find the size you need.

Fig. A shows coaxial DC power plugs, most often used in battery-powered electronics such as portable CD and tape players, music keyboards, and answering machines. These plugs come with different inside and outside diameters to ensure a proper fit. See Fig. (1)-(4).

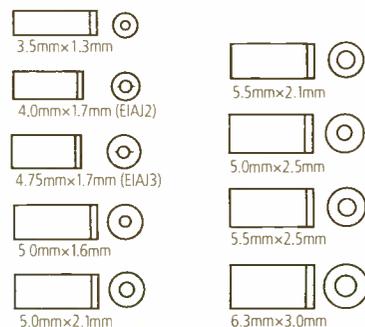
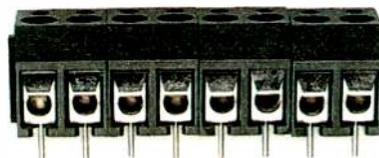
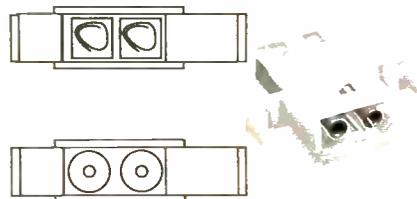


Fig. B shows polarized connectors frequently used in appliances. These connectors are "keyed" to prevent accidental reversing. You can also swap male and female pins between the connector halves to make a unique plug that prevents connecting to the wrong cable. See Fig. (12).

(Fig. B) Polarized interlocking connector pair



**PCB terminals.** Two-position. For wire hookups. Fits IC perboard. Stackable. 276-1388 ..... Set of 4/2.29

## Banana plugs, binding posts and hook clips

Why put up with makeshift hookups when you can use these connectors to add reliability and a neat appearance to projects, test gear and high-power speaker hookups.

- (1) **Stackable banana plugs.** Has banana jack for chain hookups. One red, one black. 274-734 . . . . . Set of 2/1.79
- (2) **Solderless banana plugs.** One red and one black. 274-721 . . . . . Set of 2/1.59
- (3) **Flexible banana plugs.** Flexible strain relief. Set includes one red and one black. 274-730 . . . . . Set of 2/1.99
- (4) **Nylon binding posts.** Mount in  $\frac{1}{16}$ "-diameter holes. One red, one black. 274-662 . . . . . Set of 2/1.99
- (5) **Banana jacks.** Mount in  $\frac{1}{8}$ " hole. One red and one black. 274-725 . . . . . Set of 2/99¢

- (6) **Multipurpose posts.** Versatile! Accept banana plugs, spades, phone tips, wires. Includes two red, two black. 274-661 . . . . . Set of 4/2.59
- (7) **Rainbow pack of micro-hook clips.** Four colors. 270-355 . . . . . Set of 4/3.29
- (8) **Mini hook clips.** Set of one red, one black. 270-372 . . . . . Set of 2/2.49
- (9) **Binding post to banana plug.** Stackable. 274-716 . . . . . Set of 2/5.59
- (10) **Dual inline banana plug.** Built-in jack accepts test probes, probe wire and/or banana plugs. 274-717 . . . . . 2.99
- (11) **Chassis-mount dual female binding post.** Accepts dual inline plugs. 274-718 . . . . . 3.49

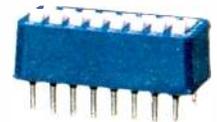
# We're Your Connector Connection

Whether you're building a power supply for your workbench, repairing a portable radio, or replacing some worn-out wires in a home appliance, RadioShack has the connector you need to get the job done right.

(Fig. A) Panel-mount banana jack and plug



Fig. A shows a banana plug and binding post used in many test devices and benchtop power supplies. These plugs provide secure connections for temporary use, where soldering or crimping a connector would not be practical. See Fig. (1)-(11).



**DIP switches.** For digital, low-current uses.

Description	Cat. No.	Each
2-position	RSU 11911930	1.19
3-position	RSU 11911948	1.19
4-position	RSU 11911955	1.29
5-position	RSU 11911963	1.39
6-position	RSU 11911971	1.49
7-position	RSU 11911989	1.59
8-position	275-1301	1.79
9-position	RSU 11911997	1.79
10-position	RSU 11912003	1.89
12-position	RSU 11912011	1.99



**Crimp connectors.** Disconnectable.

Circuits	Cat. No.	Each
10	RSU 11929643	.49
16	RSU 11929650	.49
20	RSU 11929668	.59
26	RSU 11929676	.59
34	RSU 11929684	.69
40	RSU 11929692	.79
50	RSU 11929700	.89

**Contacts for above connectors.** RSU 11929833 . . . . . Pkg. of 10/1.79

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4

## Breakaway headers

.025" (0.64mm) square pins "break off" to any length. Single (40-pin) or double (80-pin) row body. Tin or gold-plated. Right-angle pins designated r/a.

Description	Cat. No.	Each
40-pin tin	RSU 11323813	1.19
40-pin gold	RSU 11652690	2.19
80-pin tin	RSU 11323821	2.19
80-pin gold	RSU 11652682	4.19
40-pin (r/a) tin	RSU 11323839	1.39
40-pin (r/a) gold	RSU 11652674	2.29
80-pin (r/a) tin	RSU 11323847	2.89
80-pin (r/a) gold	RSU 11652666	4.69

**DIP programming shunts.** For headers, above. Mini shorting jumpers for instant plug-on programming for 0.025" (0.64mm) headers on 0.100" (2.54mm) centers. 276-1512 . . . . . Pkg. of 10/1.29



**New Silicon rubber shunt.** Connectors used to form an alternative path for current. Works with a wide range of electronic equipment. 2.54mm pitch. RSU 11929825 . . . . . Pkg. of 10/1.49

## Disconnectable, EH and VH connectors

**EH housing.** Compact and thin. 2.5mm pitch. 3.0-amp rating.

Positions	Cat. No.	Each
2	RSU 11929726	.49
4	RSU 11929734	.49
6	RSU 11929742	.49
8	RSU 11929759	.59
10	RSU 11929767	.59

**EH contacts.** RSU 11929841 . . 10/.69

**EH headers.** Top wire entry. Guides for mating to housing.

Positions	Cat. No.	Each
2	RSU 11929775	.49
4	RSU 11929783	.49
6	RSU 11929791	.49
8	RSU 11929809	.59
10	RSU 11929817	.59

**VH housing.** 3.96mm pitch, side stackable. High 7.0-amp rating.

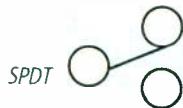
Positions	Cat. No.	Each
2	RSU 11929866	.69
4	RSU 11929874	.69
6	RSU 11929882	.69
8	RSU 11929890	.79
10	RSU 11929908	.79

**VH contacts.** RSU 11929965 . . 10/.99

**VH headers.** Top wire entry.

Positions	Cat. No.	Each
2	RSU 11929916	.69
4	RSU 11929924	.69
6	RSU 11929932	.69
8	RSU 11929940	.79
10	RSU 11929957	.79

**Contact configurations for switches**



**SPST=Single-Pole, Single-Throw.** These switches or relay contacts have two terminals (hookup points) and switch one circuit on and off.

**SPDT=Single-Pole, Double-Throw.** These switch one terminal, usually the middle one, between two other terminals.

**DPDT=Double-Pole, Double-Throw.** This configuration switches two terminals between two other pairs of terminals.

**Push on-push off and momentary switches**

(1) SPST push on-push off. Rated 3 amps at 250VAC. Requires  $\frac{1}{8}$ " mounting hole. 275-011 ..... 1.39

Momentary version of fig. 1. Normally open. 275-609 ..... Pkg. of 2/2.79

(2) SPST push on-push off. Rated 3 amps at 250VAC. Requires  $\frac{1}{8}$ " mounting hole. 275-617 ..... 1.69

Momentary version of fig. 2. Normally open. 275-618 ..... 1.89

(3) SPST "soft-feel" push on-push off. Rated 3 amps at 125VAC. Requires  $\frac{3}{16}$ " mounting hole. 275-1565 ..... 2.19

Momentary version of fig. 3. Normally open. 275-1566 ..... 2.39

(4) SPST momentary. Normally open. Rated 0.5A at 125VAC. Requires  $\frac{3}{16}$ " diameter mounting hole. 275-1571 ..... Pkg. of 2/2.39

(5) Mini SPDT push on-push off. Rated 3 amps at 125VAC. Requires  $\frac{3}{16}$ " diameter mounting hole. 275-1555 ..... 2.79

(6) Mini SPDT momentary pushbutton. Rated 3 amps at 125VAC. Requires  $\frac{1}{4}$ " diameter mounting hole. 275-1549 ..... 2.99

(7) Mini SPST momentary. Normally open. 0.5 amp at 125VAC.  $\frac{1}{8}$ " mounting hole. 275-1547 ..... Pkg. of 4/2.99

Normally closed version of fig. 7. 275-1548 ..... Pkg. of 4/2.99

(8) SPST mini momentary pushbutton. Normally open. Rated 3 amps at 125VAC. Requires  $\frac{1}{4}$ " mounting hole. 275-1556 ..... Pkg. of 2/1.99

(9) SPST pushbutton switch. Rated 3 amps at 125VAC. Mounts in  $\frac{1}{2}$ " hole. 275-644 ..... 1.69

**Paddle switch**

(10) SPDT. Rated 6 amps at 125VAC. Requires  $\frac{3}{16}$ " diameter (approx.) round hole. 275-648 ..... 1.99

**Heavy-duty toggle switches**

(11) DPDT with center off position. Rated 10 amps at 125VAC and has screw terminals. On-off-on label plate. Requires  $\frac{1}{4}$ " mounting hole. 275-1533 ..... 1.99

(12) Flat lever heavy-duty. Rated 6 amps at 250VAC. Has  $\frac{3}{8}$ "x1" lever. Requires  $\frac{7}{16}$ " mounting hole. SPST. 275-651 ..... 1.99

SPDT with center off position. 275-654 ..... 2.59  
DPDT. 275-652 ..... 2.79

DPDT with center off position. 275-653 ..... 3.19

(13) SPDT heavy-duty. Rated 5 amps at 125VAC. Requires  $\frac{1}{16}$ " mounting hole. 275-603 ..... 1.69

(14) With on/off label plate. Rated 3 amps at 125VAC. Mount in  $\frac{1}{8}$ " hole. SPST. 275-602 ..... 1.49  
DPDT. 275-666 ..... 1.99

**Mini, submini and micro toggle switches**

(15) Flatted metal lever. 6 amps at 125VAC. Requires  $\frac{1}{4}$ " mounting hole. SPST. 275-634 ..... 2.79  
SPDT. 275-635 ..... 2.99  
DPDT. 275-636 ..... 3.59

Toggle switch kit. Rated 3 amps at 125VAC. Includes one DPDT, two SPST. 275-322 ..... Set of 3/3.59

(16) Mini. 6A/125VAC.  $\frac{1}{4}$ " mtg. hole. DPDT. 275-663 ..... 3.59  
DPDT center off. 275-664 ..... 3.99

(17) High-current mini. 10 amps at 125VAC. Include green, red, yellow and white handle covers. Require  $\frac{1}{4}$ " mounting hole. SPST. 275-324 ..... 2.99  
SPDT center off. 275-325 ..... 3.59  
DPDT center off. 275-1545 ..... 4.89

Micromini. 3A/125VAC.  $\frac{1}{4}$ " mtg. hole. SPST. 275-624 ..... 2.79  
SPDT. 275-625 ..... 2.99  
DPDT. 275-626 ..... 3.39

(18) Submini. Rated 3 amps at 125VAC. Requires  $\frac{1}{4}$ " mounting hole. SPST. 275-612 ..... 2.89  
SPDT. 275-613 ..... 2.99  
DPDT. 275-614 ..... 3.49  
DPDT center off. 275-620 ..... 4.79

(19) PC-mountable submini SPST. 0.3 amp/125VAC. Also panel mounts in  $\frac{1}{8}$ " hole. 275-645 ..... 2.99

**Lever, knife, rotary, slide and DIP switches**

(20) SPDT with  $\frac{3}{4}$ " roller lever. Operating force: 5 grams. Rated 5 amps at 250VAC. Body size:  $\frac{3}{4}$ "x $\frac{1}{4}$ "x $\frac{3}{16}$ ". UL listed. 275-017 ..... 1.99  
Without roller. 275-016 ..... 1.89

(21) Rotary. 1-pole, 12 positions. Shorting. 0.3A at 125VAC. 275-1385 ..... 1.69

Rotary. 2-pole, 6 positions. Non-shorting. Rated 0.3A at 125VAC. 275-1386 ..... 1.69

(22) DPDT knife switch. Screw terminals. For low-power use. 0.5A.  $1\frac{1}{2}$ "x $2\frac{1}{8}$ "x $\frac{1}{8}$ ". **Not for AC or high voltage.** 275-1537 ..... 1.99

(23) 8-position DIP switch. For digital and low-current uses. Fits 16-pin DIP socket. 275-1301 ..... 1.79

(24) SPST submini slide switches. Rated 0.3 amp at 125VAC. 275-406 ..... Pkg. of 2/1.19  
DPDT submini slide. 0.3A, 125VAC. 275-407 ..... Pkg. of 2/1.29

(25) SPST heavy-duty slide. 6 amps at 125VAC. 275-401 ..... Pkg. of 2/1.29  
SPDT slide switches. 6 amps at 125VAC. 275-409 ..... Pkg. of 2/1.39  
DPDT heavy-duty slides. 3 amps at 125VAC. 275-403 ..... Pkg. of 2/1.49

6-piece slide switch kit. Rated 0.5A/125VAC. Includes one SPDT, one DPDT, two DPDT, two SPST, 12 screws. 275-327 ..... Set of 6/2.69

**Heavy-duty rocker switches**

(26) SPST. Rated 10 amps at 125VAC, or 6 amps at 250VAC. Requires  $\frac{3}{16}$ " diameter (approx.) round panel hole. Red. 275-694 ..... 1.99  
Black. 275-693 ..... 1.99

(27) DPDT rocker switch. Rated 10 amps at 125VAC.  $1\frac{1}{16}$ " (approx.) mounting hole. 275-695 ..... 2.79

(28) Heavy-duty rocker switches. 6A at 125VAC.  $\frac{3}{16}$ " mounting hole. SPST. 275-690 ..... 1.99  
DPDT. 275-691 ..... 2.79

## Automotive switches



(1) DPDT flip switch. Center off. Rated 20 amps at 12VDC. 275-710 ..... 2.99  
 DPDT momentary flip switch. Has spring return to center off position. Rated 20 amps at 12VDC. 275-709 ..... 3.29

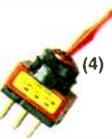


(2) SPDT flip switch. With center off position. Rated 20 amps at 12VDC. 275-711 ..... 1.99  
 SPST flip switch. Rated 16 amps at 12VDC. 275-701 ..... 1.99



(3) Heavy-duty flip switch. Rated 25 amps at 12VDC. 275-708 ..... 2.29

## Illuminated switches for automotive use



(3) Lighted rocker switch and panel. SPST switch rated 20 amps at 12VDC. 275-704 ..... 4.49

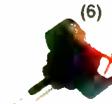


(4) Dual lighted flip switch and panel. Switches rated 20 amps at 12VDC, each. 275-702 ..... 3.49



(4) Lighted flip switch. Rated 20 amps at 12VDC. 275-706 ..... 2.79

## General-purpose illuminated switches



(5) SPST lighted rocker switch. Lights when "on." Switch rated 10 amps at 125VAC. Mounts in 1/8" hole. Quick-connect terminals. 275-692 ..... 2.69



(6) Lighted SPST rocker switch. Rated 30A at 12VDC; 1/8" mounting hole. 275-712 ..... 2.29



(7) Lighted 125VAC SPST push-on-push-off. Panel-mount, heavy-duty 10-amp rating. For 125VAC only. Button is lighted when switch is "on." Requires a 1/8" mounting hole. 275-671 ..... 3.99

## Mini illuminated pushbutton switches

LED illumination. Switch rated 1 amp at 125VAC. Mount in 1/8"-diameter panel hole. (on)=momentary.



## Square shroud and cap

Pole	Circuit	Lens	Cat. No.	Price
1 SPDT	On-(on)	Red	RSU 11336328	10.39
1 SPDT	On-on	Yellow	RSU 1133635*	11.29
2 DPDT	On-(on)	Green	RSU 11336385	12.59
2 DPDT	On-on	Red	RSU 11336419	13.69



## Round shroud and cap

Pole	Circuit	Lens	Cat. No.	Price
1 SPDT	On-(on)	Yellow	RSU 11336302	10.39
1 SPDT	On-on	Green	RSU 11336336	11.29
2 DPDT	On-(on)	Red	RSU 11336369	12.59
2 DPDT	On-on	Yellow	RSU 11336393	13.69



## Rectangular shroud & cap

Pole	Circuit	Lens	Cat. No.	Price
1 SPDT	On-(on)	Green	RSU 11336310	10.39
1 SPDT	On-on	Red	RSU 11336344	11.29
2 DPDT	On-(on)	Yellow	RSU 11336377	12.59
2 DPDT	On-on	Green	RSU 1133640*	13.69



**Subminiature toggle.** Solder lug terminals and silver contacts. Rated 6A at 125VAC. Standard 0.413" bat toggle 0.350"-long thread bushing. 2 hex nuts, lock ring & washer. (on)=momentary.

Pole	Circuit	Cat. No.	Price
1	On-none-off	RSU 11336443	4.29
1	On-none-on	RSU 11336450	4.49
1	On-off-on	RSU 11336484	5.29
1	On-none-(on)	RSU 11336518	5.79
1	(On)-off-(on)	RSU 11336542	5.99
1	On-off-(on)	RSU 11336575	5.99
1	On-on-on	RSU 11337268	9.59
1	(On)-on-(on)	RSU 11336716	10.19
1	On-on-(on)	RSU 11336724	10.19
2	On-none-on	RSU 11336625	6.89

Pole	Circuit	Cat. No.	Price
2	On-off-on	RSU 11336658	7.99
2	(On)-off-(on)	RSU 11336732	9.39
2	On-off-(on)	RSU 11336765	9.39
2	On-on-on	RSU 11336831	22.19
2	(On)-on-(on)	RSU 11336849	22.19
2	On-on-(on)	RSU 11336856	22.19
3	On-none-on	RSU 11336799	11.39
3	On-off-on	RSU 11336807	14.19
4	On-none-on	RSU 11336815	15.69
4	On-off-on	RSU 11336823	18.49



**Subminiature rocker—flat frame mount.** Solder lug terminals and silver contacts. Rated 6A at 125VAC. 0.365"-wide black rocker. (on)=momentary.

Pole	Circuit	Cat. No.	Price
1	On-none-on	RSU 11336476	5.59
1	On-off-on	RSU 11336500	6.29
1	On-none-(on)	RSU 11336534	6.89
1	(On)-off-(on)	RSU 11336559	5.99
1	On-off-(on)	RSU 11336591	5.99

Pole	Circuit	Cat. No.	Price
2	On-none-on	RSU 11336641	7.99
2	On-off-on	RSU 11336674	8.99
2	On-none-(on)	RSU 11336708	10.19
2	(On)-off-(on)	RSU 11336757	10.49
2	On-off-(on)	RSU 11336781	10.49



**Subminiature rocker—snap-in mount.** Solder lug terminals and silver contacts. Rated 6A at 125VAC. 0.453"-wide black rocker and black bezel. (on)=momentary.

Pole	Circuit	Cat. No.	Price
1	On-none-on	RSU 11336468	6.49
1	On-off-on	RSU 11336492	7.19
1	On-none-(on)	RSU 11336526	7.79
1	(On)-off-(on)	RSU 11336567	7.99
1	On-off-(on)	RSU 11336583	7.99

Pole	Circuit	Cat. No.	Price
2	On-none-on	RSU 11336633	8.89
2	On-off-on	RSU 11336666	9.89
2	On-none-(on)	RSU 11336690	10.99
2	(On)-off-(on)	RSU 11336740	11.39
2	On-off-(on)	RSU 11336773	11.39



**Subminiature pushbutton—panel mount.** Solder lug terminals and silver contacts. Rated 6A at 125V AC. 0.394"-diameter black cap. Includes 2 hex nuts, 1 lock washer. (on)=momentary.

Pole	Circuit	Cat. No.	Price
1	On-(on)	RSU 11336609	7.19
1	On-on	RSU 11336880	7.29
2	On-(on)	RSU 11336864	9.49

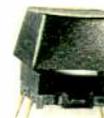
Pole	Circuit	Cat. No.	Price
2	On-on	RSU 11337250	9.99
4	On-(on)	RSU 11337243	16.19
4	On-on	RSU 11337235	16.69



**Subminiature pushbutton—PC mount.** Straight PC terminals and silver contacts. Rated 6A at 125V AC. 0.394"-diameter black cap. (on)=momentary

Pole	Circuit	Cat. No.	Price
1	On-(on)	RSU 11336617	7.29
1	On-on	RSU 11336898	7.59
2	On-(on)	RSU 11336872	9.99

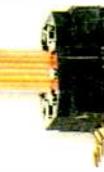
Pole	Circuit	Cat. No.	Price
2	On-on	RSU 11337227	10.59
4	On-(on)	RSU 11337219	17.19
4	On-on	RSU 11337201	17.79



**Low profile keypads.** Pins have standard 0.100" spacing. For mounting on PC boards. All are single pole, single throw (SPST) mounts. (on)=momentary.

Button actuator/non-illuminated			
Circuit	Actuator	Cat. No.	Price
Off-(on)	Flat blue	RSU 11336211	1.59
Non-illuminated			
Off-(on)	Sculptured	RSU 11336229	2.19
Off-(on)	Flat	RSU 11336237	2.49

LED illuminated			
Circuit	Actuator	Cat. No.	Price
Off-(on)	Red	RSU 11336245	5.19
Off-(on)	Yellow	RSU 11336260	5.19
Off-(on)	Green	RSU 11336252	5.19
—	—	—	—



**DIP Rotary switches.** Feature real and complement binary coding. Detent action, screw-driver, shaft, dial, and knob actuation; decimal and hexadecimal positions.

Screwdriver actuated and straight PC			
Positions	Circuit Coding	Cat. No.	Price
10	Real	RSU 11336146	4.79
16	Real	RSU 11336203	4.79
10	Complement	RSU 11336120	4.79
16	Complement	RSU 11336161	4.79

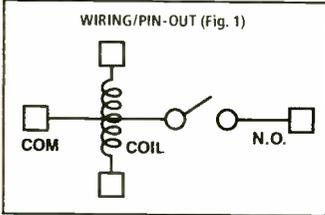
Shaft actuated and straight PC			
Positions	Circuit Coding	Cat. No.	Price
10	Real	RSU 11337177	5.19
16	Real	RSU 11336187	5.19
10	Complement	RSU 11337151	5.19
16	Complement	RSU 11337169	5.19

Screwdriver actuated and right-angle PC			
Positions	Circuit Coding	Cat. No.	Price
10	Real	RSU 11336138	5.39
16	Real	RSU 11336179	5.39
10	Complement	RSU 11336112	5.39
16	Complement	RSU 11336153	5.39

Shaft actuated and right-angle PC			
Positions	Circuit Coding	Cat. No.	Price
10	Real	RSU 11337144	5.69
16	Real	RSU 11336195	5.69
10	Complement	RSU 11337128	5.69
16	Complement	RSU 11337136	5.69

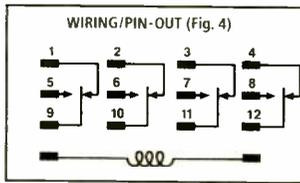
**(1) Compact 1-amp SPST reed relays**

(1) Fast response, small size and low cost make these a good choice for robotics, computer interfacing and projects that require several relays.  
 5VDC coil. 275-232. . . . . 2.49  
 12VDC coil. 275-233. . . . . 2.49



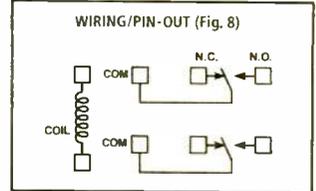
**(4) 4PDT plug-in relay**

(4) Switches up to four circuits. 12VDC coil. 3 amp/125VAC contacts. 275-214. . . . . 6.49  
 Socket. 275-221. . . . . 1.99



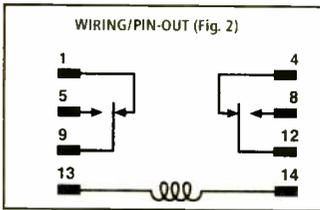
**(8) Mini 5A DPDT relay**

(8) 12VDC coil. Compact size and high reliability at low cost. 275-249 . . . . . 3.99



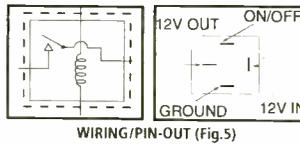
**Plug-in relay & socket**

(2) DPDT. 12VDC coil. Socket has holding clips; relay mounts in any position. 275-206. . . . . 6.49



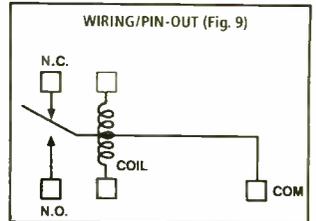
**(5) 30A automotive relay**

(5) For switching lighting and accessories. SPST contacts rated 30 amps. 275-226 . . . . . 5.99



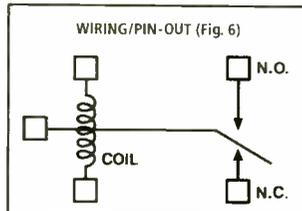
**(9) DIP 2A SPDT relay**

(9) 5VDC coil. Perfect for breadboarding—fits DIP IC socket. 275-243 . . . . . 2.99



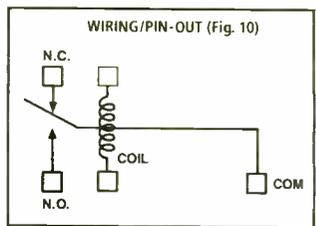
**(6) Mini 2A SPDT relay**

(6) 7-9VDC coil with low current requirement. Mounts on PC board. 275-005 . . . . . 2.99



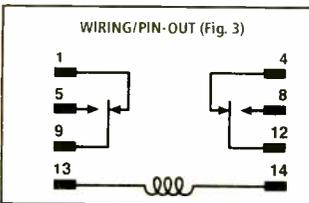
**(10) Micro 1A SPDT relays**

(10) Fits where others will not. 5VDC coil. 275-240 . . . . . 2.99  
 12VDC coil. 275-241 . . . . . 2.99



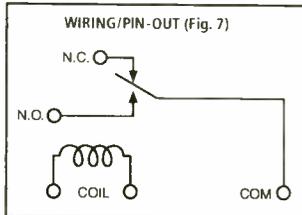
**10-amp plug-in relays**

(3) DPDT. Ideal for switching high-current appliances, lighting. 12VDC coil. 275-218. . . . . 6.99  
 125VAC coil. 275-217. . . . . 6.99  
 Socket. 275-220. . . . . 1.99



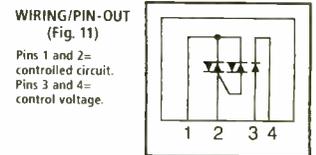
**(7) Mini 10A SPDT relay**

(7) 12VDC coil. PC-mount. Heavy duty contact rating in a small size. 275-248. . . . . 3.49



**(11) Solid-state relay**

(11) SPST equivalent. Switches up to 3A at 125VAC. 1.2VDC trigger. 275-310. . . . . 6.99



WIRING/PIN-OUT (Fig. 11)  
 Pins 1 and 2= controlled circuit.  
 Pins 3 and 4= control voltage.

Fig.	Description	Coil Rating	Contacts and Rating	Size	Cat. No.	Each
1	1-amp SPST reed 1-amp SPST reed	5VDC, 20 mA, 250Ω 12VDC, 11 mA, 1.05 kΩ	SPST. 1A at 125VAC SPST. 1A at 125VAC	1" × 3/16" dia. 1" × 3/16" dia.	275-232 275-233	2.49 2.49
2	Plug-in with socket	12VDC, 75 mA, 150Ω	DPDT. 3A at 125VAC	1 1/2 × 1 × 3/4"	275-206	6.49
3	10-amp plug-in 10-amp plug-in	12VDC, 130 mA, 160Ω 125VAC, 15 mA, 4.5 kΩ	DPDT. 10A at 125VAC DPDT. 10A at 125VAC	1 1/2 × 1 × 3/4" 1 1/2 × 1 × 3/4"	275-218 275-217	6.99 6.99
4	4PDT plug-in	12VDC, 130 mA, 150Ω	4PDT. 3A at 125VAC	1 1/2 × 1 1/2 × 1 1/8"	275-214	6.49
5	30A automotive	12VDC, 160 mA, 66Ω	SPST. 30A at 12VDC	2 × 1 1/8 × 1 1/8"	275-226	5.99

Fig.	Description	Coil Rating	Contacts and Rating	Size	Cat. No.	Each
6	2-amp SPDT mini	7-9VDC, 18 mA, 500Ω	SPDT. 2A at 125VAC	3/16 × 3/4 × 3/16"	275-005	2.99
7	10-amp SPDT mini	12VDC, 30 mA, 400Ω	SPDT. 10A at 125VAC	3/16 × 3/8 × 3/16"	275-248	3.49
8	5-amp DPDT mini	12VDC, 60 mA, 200Ω	DPDT. 5A at 125VAC	3/16 × 3/4 × 3/16"	275-249	3.99
9	2-amp SPDT DIP	5VDC, 7 mA, 70Ω	SPDT. 2A at 125VAC	3/16 × 3/16 × 3/16"	275-243	2.99
10	1-amp SPDT micro 1-amp SPDT micro	5VDC, 90 mA, 55Ω 12VDC, 37.5 mA, 320Ω	SPDT. 1A at 125VAC SPDT. 1A at 125VAC	1/16 × 3/16 × 1/16" 1/16 × 3/16 × 1/16"	275-240 275-241	2.99 2.99
11	3-amp solid-state	(no coil) 1.2VDC, 15mA	SPST. 3A at 125VAC	1 1/8 × 1/2 × 3/16"	275-310	6.99

A or Amp are both abbreviations for Ampere, the unit of measuring electrical current. V is the abbreviation for Volt, the unit of measuring electrical pressure. AC=alternating current; DC=direct current. When selecting a switch or relay, make sure the contact rating is sufficient to handle the current (amps) and voltage to be switched. See page 186 for switch and relay contact configurations.



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DIP-6      DIP-8      DIP-14      DIP-16      DIP-28

### Popular linear, interface and op-amp ICs

Type	Description	Case	Cat. No.	Each
LM34	Precision F temp. sensor	TO-92	RSU 11673324	2.99
LM35	Precision C temp. sensor	TO-92	RSU 11673316	2.99
TL064	Low-power op amp	DIP-14	RSU 10872802	1.49
TL082	Dual op amp	DIP-8	276-1715	1.89
LM224	Low-power quad op amp	DIP-14	RSU 11928074	.99
TSL235	Light-to-freq. converter	SIP-3	RSU 11673290	2.99
LM239	Quad comparator	DIP-8	RSU 11928082	.99
TSL250	Light-to-voltage opt. sensor	SIP-3	RSU 11673308	1.99
LM308A	Op amp	DIP-8	RSU 11928900	1.29
LM311	Voltage comparator	DIP-8	RSU 11391844	.99
LM319	High-speed dual comp.	DIP-14	RSU 11928892	1.19
LM324	Quad op amp	DIP-14	276-1711	1.29
LM324A	Low-power quad op amp	DIP-14	RSU 10871135	1.99
LM339	Quad comparator	DIP-14	276-1712	.99
LM339A	Low-power quad comparator	DIP-14	RSU 10880748	1.19
LF347	Quad bi-fet op amp	DIP-14	RSU 11928124	1.49
LM348	Quad 741 op amp	DIP-14	RSU 11928884	.99
LF353	Dual bi-fet op amp	DIP-8	RSU 10913218	.99
LF357	Bi-fet decomp. op amp	DIP-8	RSU 11928066	1.49
LM358	Low-power dual op amp	DIP-8	RSU 11929072	.89
LM380	0.6-watt audio amplifier	DIP-8	RSU 11481413	7.29
LM383	Audio amplifier	DIP-8	RSU 11468980	6.99
LM386	Audio amplifier	DIP-8	276-1731	1.19
TLC393	CMOS voltage comparator	DIP-8	RSU 11928116	2.19
LM555	Timer	DIP-8	276-1723	1.19
TLC555	CMOS timer	DIP-8	276-1718	1.39
LM556	Dual timer	DIP-14	276-1728	1.59
LM565	Phase-locked loop	DIP-14	RSU 11517471	6.99
LM566	Voltage-controlled oscillator	DIP-8	RSU 11392529	1.79
LM567	Tone-decoder PLL	DIP-8	RSU 10872125	1.99
NE602AN	RF osc./mixer/IF	DIP-8	RSU 11928173	3.49
LM741	Op amp	DIP-8	276-007	.79
LM747	Dual op amp	DIP-8	RSU 11928165	1.49
MC1458	Dual op amp	DIP-14	276-038	.99
MC1458	Dual op amp	DIP-8	RSU 11392297	.99
MC1488	Line driver	DIP-14	276-2520	1.29
MC1489	Line receiver	DIP-14	276-2521	1.29
LM1496	Balanced modulator/demod.	DIP-14	RSU 11468865	6.89
LM1823	Video IF amp/PLL detector	DIP-28	RSU 11468873	16.99
LM1877	Dual-power audio amp	DIP-14	RSU 11468861	10.99
ULN2003	Darlington driver	DIP-16	RSU 11928868	2.29
LM2901	Quad comparator	DIP-14	RSU 11928918	.99
LM2903	Dual comparator	DIP-8	RSU 113707E0	.99
MOC3010	Optocoupler	DIP-6	276-134	1.99
MC3303	Quad comparator	DIP-14	RSU 11928108	1.29
LM3302	Quad comparator	DIP-14	RSU 11928090	1.19
MC3486	Quad line receiver	DIP-16	RSU 11928140	3.29
MC3487	Quad line driver	DIP-16	RSU 11928157	3.29
LM3900	Quad amplifier	DIP-14	RSU 11391935	2.99
LM3909	LED flasher/oscillator	DIP-8	276-1705	1.89
LM3911	Temperature controller	DIP-8	RSU 11481439	10.69
LM3915	3dB bargraph display driver	DIP-18	RSU 11481447	9.99
MC4558	Low-power op amp	DIP-8	RSU 11928876	.99
ICL7650	Chopper stabilized op amp	DIP-14	RSU 11928132	4.99
AM26LS31	CMOS quad driver	DIP-16	RSU 11928199	5.29
AM26LS32	CMOS quad receiver	DIP-16	RSU 10909851	4.79



### Adjustable voltage regulators for power supplies

- (1) LM723. Ideal for variable power supplies. Adjustable from 2 to 37VDC output. 150mA maximum. 14-pin DIP. 276-1740 ..... 99¢
- (2) LM350K. Adjustable 1.2 to 33VDC. TO-3 case. RSU 11516119 9.99
- (3) LM317T. Adjustable from 1.2 to 27VDC output. Heat sink required for maximum current rating of 1.5 amps. TO-220 case. 276-1778 ..... 1.99
- (4) LM350T. Adjustable 1.2 to 33VDC. TO-220 case. RSU 11481397 ..... 6.99

### Fixed-voltage regulators

Overload protected. Rated 1 amp (heat sink required). 35VDC maximum input. TO-220 case.

Type	Output	Cat. No.	Each
7805	+5VDC	276-1770	1.49
7806	+6VDC	RSU 11392008	1.49
7808	+8VDC	RSU 11468972	1.49
7809	+9VDC	RSU 10911048	1.49
7812	+12VDC	276-1771	1.49
7815	+15VDC	RSU 11516143	1.49
7818	+18VDC	RSU 11516150	1.49
7824	+24VDC	RSU 11469079	1.49
7905	-5VDC	RSU 11513736	1.49
7906	-6VDC	RSU 11516168	1.49
7908	-8VDC	RSU 11516176	1.49
7909	-9VDC	RSU 11513769	1.49
7910	-10VDC	RSU 11513777	1.49
7912	-12VDC	RSU 11513785	1.49
7915	-15VDC	RSU 11516184	1.49
7918	-18VDC	RSU 11469087	1.49
7920	-20VDC	RSU 11513801	1.49
7924	-24VDC	RSU 11469095	1.49

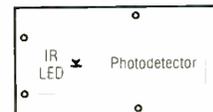
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Type	Recording Time	Case	Cat. No.	Each
ISD-1110P	10 seconds	DIP-28	RSU 11673241	6.99
ISD-1420P	20 seconds	DIP-28	RSU 11673258	7.99
ISD-2560P	60 seconds	DIP-28	RSU 11673266	16.99
ISD-2575P	75 seconds	DIP-28	RSU 11673274	17.99
ISD-2590P	90 seconds	DIP-28	RSU 11673282	18.99



### Optoisolators with up to 7500-volt isolation between input & output

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Type	Description	Case	Cat. No.	Each
4N25	Transistor output	DIP-6	RSU 11433398	.99
4N26	Transistor output	DIP-6	RSU 10583003	.99
4N30	Darlington output	DIP-6	RSU 11928587	.99
4N32	Darlington output	DIP-6	RSU 11567963	.99
4N35	Transistor output	DIP-6	RSU 10902179	.99
4N38	Transistor output	DIP-6	RSU 11928579	1.49
H11AA1	AC input, transistor output	DIP-6	RSU 10888055	1.49
MOC3010	Triac-driver output	DIP-6	276-134	1.99
MOC3052	Triac-driver output	DIP-6	RSU 11928595	2.99

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DIP-8



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DIP-16



DIP-18

## 74HCT-series digital ICs

## 74HC-series high-speed CMOS

Type	Description	DIP	Cat. No.	Each
74HCT00	Quad 2-input NAND gate	14	276-2801	.89
74HCT02	Quad 2-input NOR gate	14	276-2802	.89
74HCT04	Hex inverter	14	276-2804	.89
74HCT08	Quad 2-input AND gate	14	276-2805	.89
74HCT14	Hex inverting trigger	14	276-2808	.89
74HCT30	8-input NAND gate	14	276-2812	.89
74HCT32	Quad 2-input OR gate	14	276-2813	.89
74HCT74	Dual D-type flip-flop	14	276-2816	.89
74HCT86	Quad exclusive OR gate	14	276-2819	.99
74HCT123	Dual multivibrator	16	276-2824	1.29
74HCT125	Quad buffer, 3-state	14	276-2825	.99
74HCT132	Quad NAND trigger	14	276-2827	.99
74HCT138	Line decoder/demux	16	276-2829	.99
74HCT139	Dual 2-to-4 line decoder	16	276-2830	.99
74HCT157	Quad 2-input multiplexer	16	276-2835	1.19
74HCT161	4-bit counter (asynch.)	16	276-2838	1.19
74HCT163	4-bit counter (synch.)	16	276-2840	1.19
74HCT164	8-bit shift register	14	276-2841	1.19
74HCT174	Hex D-type flip-flop	16	276-2845	1.19
74HCT175	Quad "D" flip-flop	16	276-2846	1.19
74HCT240	Octal buffer/line driver	20	276-2858	1.29
74HCT244	Octal buffer/line driver	20	276-2862	1.29
74HCT245	Octal bus transceiver	20	276-2863	1.29
74HCT251	8-input multiplexer	16	276-2864	1.39
74HCT259	8-bit addressable latch	16	276-2868	1.29
74HCT273	Octal D-type flip-flop	20	276-2869	1.29
74HCT373	Octal transparent latch	20	276-2880	1.29
74HCT374	Octal transparent latch	20	276-2881	1.29
74HCT393	Dual 4-bit ripple counter	14	276-2884	1.29
74HCT541	Octal buffer/line driver	20	276-2889	1.39
74HCT573	Octal transparent latch	20	276-2892	1.39
74HCT574	Octal "D" flip-flop (pos.)	20	276-2893	1.39
74HCT688	8-bit magnitude comp.	20	276-2905	1.39
74HCT4020	12-bit ripple counter	16	276-2910	1.39
74HCT4046	PLL with VCO	16	276-2913	2.99

Type	Description	DIP	Cat. No.	Each
74HC00	Quad 2-input NAND gate	14	RSU 10880045	.89
74HC02	Quad 2-input NOR gate	14	RSU 10878452	.89
74HC04	Hex inverter	14	RSU 10869618	.89
74HC04	Hex inverter	14	RSU 10878361	.89
74HC08	Quad 2-input AND gate	14	RSU 10871572	.89
74HC10	Triple 3-input AND gate	14	RSU 10880540	.89
74HC14	Hex inverter trigger	14	RSU 10880003	.89
74HC32	Quad 2-input OR gate	14	RSU 10878494	.89
74HC42	BCD-to-decimal decoder	16	RSU 10868826	1.29
74HC73	Dual J-K flip-flop w/reset	14	RSU 10877025	.99
74HC123	Dual ret. multivibrator	16	RSU 11389442	1.29
74HC125	Quad buffer, 3-state	14	RSU 10876191	.99
74HC137	3-to-8 line decoder/demux	16	RSU 10875979	1.29
74HC151	8-input multiplexer	16	RSU 10876308	1.29
74HC157	Quad 2-input multiplexer	16	RSU 10879914	1.19
74HC158	Quad 2-input mux inverter	16	RSU 10880060	1.19
74HC164	Serial-in parallel-out reg.	14	RSU 10869626	1.19
74HC166	Parallel-in serial-out reg.	16	RSU 10914935	1.19
74HC174	Hex D-type flip-flop w/clear	16	RSU 10877157	1.19
74HC175	Quad D-type flip-flop	16	RSU 10878502	1.19
74HC244	Octal buffer, 3-state	20	RSU 10873628	1.29
74HC245	Octal transceiver, 3-state	20	RSU 10878429	1.29
74HC257	Quad 2-input multiplex	16	RSU 10876043	1.29
74HC259	8-bit addressable latch	16	RSU 10868396	1.29
74HC273	Octal D-type flip-flop	20	RSU 10876183	1.29
74HC365	Hex buffer/line driver	16	RSU 10872471	1.39
74HC367	Hex buffer/line driver	16	RSU 10877454	1.39
74HC368	Hex buffer/line driver	16	RSU 10878262	1.39
74HC393	Dual 4-bit binary counter	14	RSU 10880052	1.29
74HC540	Octal buffer line driver	20	RSU 11389459	1.29
74HC541	Octal buffer line driver	20	RSU 11389467	1.29
74HC4053	Triple 2-channel multiplexer	16	RSU 10871796	1.29
74HC4066	Quad analog switch	14	RSU 11483690	1.29
74HC4538	Dual multivibrator	16	RSU 10879922	1.29

## 74ALS-series advanced TTL

## 74F-series fast TTL

Type	Description	DIP	Cat. No.	Each
74ALS00	Quad 2-input NAND gate	14	RSU 11279627	.89
74ALS02	Quad 2-input NOR gate	14	RSU 10878932	.89
74ALS04	Hex inverter	14	RSU 11928983	.89
74ALS08	Quad 2-input AND gate	14	RSU 11928975	.89
74ALS30	8-input NAND gate	14	RSU 11928967	.89
74ALS32	Quad 2-input OR gate	14	RSU 11389400	.89
74ALS74	Dual D pos. flip-flop	14	RSU 11389418	.89
74ALS138	Line decoder/demux	16	RSU 11928330	.99
74ALS161	4-bit binary counter (asynch.)	16	RSU 10876399	1.19
74ALS174	Hex D-type flip-flop	16	RSU 11928959	1.19
74ALS175	Quad D-type flip-flop	16	RSU 11928314	1.19
74ALS240	Octal line driver, 3-state	20	RSU 11389384	1.29
74ALS244	Octal line driver, 3-state	20	RSU 10879021	1.29
74ALS245	Octal transceiver, 3-state	20	RSU 11389392	1.29
74ALS373	Octal transparent latch	20	RSU 11928942	1.29
74ALS374	Octal transparent latch	20	RSU 11928322	1.29
74ALS540	Octal buffer/line driver	20	RSU 11928934	2.49
74ALS541	Octal buffer/line driver	20	RSU 11928926	2.49
74ALS640	Octal bus transceiver	20	RSU 11929205	2.79

Type	Description	DIP	Cat. No.	Each
74F00	Quad 2-input NAND gate	14	RSU 10868537	.89
74F02	Quad 2-input NOR gate	14	RSU 11928306	.89
74F04	Hex inverter	14	RSU 10879039	.89
74F08	Quad 2-input AND gate	14	RSU 10878965	.89
74F14	Hex inverting trigger	14	RSU 11928223	.89
74F30	8-input NAND gate	14	RSU 10916583	.89
74F32	Quad 2-input OR gate	14	RSU 10879278	.89
74F74	Dual D-type flip-flop	14	RSU 10878809	.89
74F125	Quad buffer, 3-state	14	RSU 10874360	.99
74F138	Line decoder/demux	16	RSU 11928249	.99
74F161	4-bit counter (asynch.)	16	RSU 11928256	1.19
74F174	Hex D-type flip-flop	16	RSU 11928264	1.19
74F175	Quad D-type flip-flop	16	RSU 11928272	1.29
74F240	Octal buffer/line driver	20	RSU 10882314	1.29
74F244	Octal buffer/line driver	20	RSU 11389426	1.29
74F245	Octal bus transceiver	20	RSU 10878973	1.29
74F373	Octal transparent latch	20	RSU 10904720	1.29
74F374	Octal transparent latch	20	RSU 10906667	1.29
74F540	Octal buffer/line driver	20	RSU 11928215	4.99
74F541	Octal buffer/line driver	20	RSU 11928298	4.99
74F640	Octal bus transceiver	20	RSU 11928280	4.49

Items with an **RSU** number are available for fast shipment direct to your door from RadioShack Unlimited.<sup>SM</sup>  
Shipping and pricing information on page 4

Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102.

## We Have the One You Need

We stock many popular ICs to fill all your project needs. We have many more available through RadioShack Unlimited.



DIP-20



DIP-24



DIP-28



DIP-40



DIP-42

### 74LS00-series TTL ICs

Type	Description	DIP	Cat. No.	Each
74LS00	Quad 2-input NAND gate	14	RSU 11389517	.89
74LS02	Quad 2-input NAND gate	14	RSU 10891984	.89
74LS04	Hex inverter	14	RSU 11389525	.89
74LS05	Hex inverter (O-C)	14	RSU 11389533	.89
74LS08	Quad 2-input AND gate	14	RSU 10906477	.89
74LS09	Quad 2-input AND gate (O-C)	14	RSU 10907954	.99
74LS10	Triple 3-input NAND gate	14	RSU 10873495	.89
74LS14	Hex Schmitt trigger	14	RSU 10905032	.89
74LS20	Dual 4-input NAND gate	14	RSU 10873487	1.29
74LS27	Triple 3-input NOR gate	14	RSU 10878619	1.29
74LS30	8-input NAND gate	14	RSU 11389798	.89
74LS32	Quad 2-input NOR gate	14	RSU 10878981	.99
74LS33	Quad 2-input NOR buffer	14	RSU 11389848	.99
74LS38	Quad 2-input NAND buffer	14	RSU 11389897	.99
74LS51	Dual AND-OR-INV gate	14	RSU 11653680	.89
74LS73	Dual JK M/S flip-flop	14	RSU 11653672	1.39
74LS74	Dual D-type flip-flop	14	RSU 11389939	.99
74LS75	Quad latch	16	RSU 11389947	1.29
74LS85	4-bit magnitude comparator	16	RSU 10904530	1.49
74LS86	Quad 2-input OR gate EXOR	14	RSU 10870988	.89
74LS90	Decade counter	14	RSU 11653664	1.19
74LS93	4-bit binary counter	14	RSU 10872349	1.19
74LS109	Dual JK flip-flop	16	RSU 11389566	1.19
74LS123	Dual ret. multivibrator	16	RSU 11389574	1.49
74LS125	Quad buffer, 3-state	14	RSU 10873412	1.29
74LS132	Quad 2-input NAND trigger	14	RSU 11389603	.99
74LS138	3-of-8 decoder/demux	16	RSU 11389616	.99
74LS139	Dual 2-to-4 decoder/demux	16	RSU 11389624	1.49
74LS145	1-of-10 decoder/driver	16	RSU 10871663	1.79
74LS151	8-input multiplexer	16	RSU 10903235	1.29
74LS155	Dual 2-to-4 decoder/demux	16	RSU 11389640	1.99
74LS157	Quad 2-input multiplexer	16	RSU 11389657	1.29
74LS161	Resettable binary counter	16	RSU 11389665	1.39
74LS173	Quad D-type flip-flop	16	RSU 11389673	1.19
74LS174	Hex D-type flip-flop	16	RSU 10878866	1.29
74LS175	Quad D-type flip-flop	16	RSU 11389681	1.29
74LS244	Octal buffer line driver	20	RSU 11389707	1.99
74LS257	Quad 2-input multiplexer	16	RSU 11389731	1.29
74LS259	8-bit addressable latch	16	RSU 11389749	1.29
74LS266	Quad 2-input NOR gate	14	RSU 10878718	1.19
74LS273	Octal D-type flip-flop	20	RSU 11389756	1.19
74LS283	4-bit binary adder	16	RSU 11389764	1.49
74LS290	Decade counter	14	RSU 10876381	1.19
74LS293	4-bit binary counter	14	RSU 11389772	1.19
74LS322A	8-bit shift register	20	RSU 11389806	3.29
74LS365	Hex buffer/line driver	16	RSU 11389655	1.19
74LS367	Hex buffer/line driver	16	RSU 11389663	1.19
74LS368	Hex buffer/line driver, inv.	16	RSU 11389871	1.29
74LS373	Octal transparent latch	20	RSU 11389889	1.19
74LS374	Octal D-type flip-flop	20	RSU 10871275	1.19
74LS393	Dual 4-bit binary counter	14	RSU 11389905	1.99
74LS541	Octal buffer line driver	20	RSU 11389913	1.99
74LS670	4x4 register file	16	RSU 11389921	1.99

### 7400-series TTL digital ICs

Type	Description	DIP	Cat. No.	Each
7400	Quad 2-input NAND gate	14	276-1801	.99
7404	Hex inverter	14	276-1802	.99
7407	Hex buffer/driver	14	RSU 10927481	1.19
7410	Triple 3-input NAND gate	14	RSU 11928033	2.49
7414	Hex Schmitt trigger	14	RSU 11928041	1.59
7416	Hex inverter (O-C)	14	RSU 11389335	1.29
7417	Hex buffer (O-C)	14	RSU 11389343	1.19
7445	BCD to decimal driver	16	RSU 11928058	1.99
7447A	BCD to 7-segment driver	16	RSU 11627304	1.99
7474	Dual D-type flip flop	14	RSU 11928181	1.49
7490A	Decade counter	14	RSU 11308418	1.59

### 4000-series standard CMOS

Type	Description	DIP	Cat. No.	Each
4001B	Quad 2-input NOR gate	14	276-2401	.99
4002B	Dual 4-input NOR gate	14	RSU 11927985	.99
4008B	4-bit full adder	16	RSU 11927928	1.59
4011B	Quad 2-input NAND gate	14	276-2411	.99
4012B	Dual 4-input NAND gate	14	RSU 11927936	.99
4013B	Dual D-type flip-flop	14	276-2413	1.19
4016B	Quad analog switch/multiplexer	14	RSU 11927910	.99
4017B	Decade counter/divider	16	276-2417	1.49
4020B	14-stage binary counter	16	RSU 11389277	1.49
4021B	8-stage shift register	16	RSU 10872042	1.19
4023B	Triple 3-input NAND gate	14	RSU 11927894	.99
4027B	Dual JK M/S flip-flop EXOR	16	RSU 10871614	1.29
4C28B	BCD to decimal decoder	16	RSU 11927977	1.29
4C30B	Quad EXOR gate	14	RSU 11393162	1.19
4043B	Quad NOR R/S latch	16	RSU 11392180	1.39
4046B	Micropower phase lock loop	16	RSU 10870616	1.29
4047B	Monostable multivibrator	14	RSU 11927951	1.89
4049UB	Hex inverting buffer	16	RSU 10908069	1.19
4050B	Hex buffer/non-inverting	16	RSU 11927969	1.19
4052B	4-ch. analog mux/demux	16	RSU 11392198	1.29
4053B	Triple 2-channel analog	16	RSU 11389285	1.19
4060B	14-stage binary counter	16	RSU 11392214	3.49
4066B	Quad bilateral switch	14	RSU 11389293	1.19
4368B	8-input NAND gate	14	RSU 11927878	.99
4069UB	Hex inverter gate (unbuffered)	14	RSU 11392230	1.19
4071B	Quad 2-input OR gate	14	RSU 11392255	1.19
4081B	Quad 2-input AND gate	14	RSU 10870111	1.29
4093B	Quad 2-input NAND trigger	14	RSU 11482239	1.39
4094B	8-bit shift register w/latch	16	RSU 10883353	1.29
4502B	Strobed hex inverter/buffer	16	RSU 10902245	3.49
4510B	BCD up/down counter	16	RSU 11516937	3.99
4511B	BCD T sig latch/decod/driver	16	RSU 10907145	4.19
4512B	8-channel data selector	16	RSU 10871580	1.29
4513B	BCD to 7-segment driver	18	RSU 11927860	6.29
4515B	4-bit latch/line decoder	24	RSU 10870418	4.19
4516B	Presetable binary counter	16	RSU 11927886	1.79
4518B	Dual BCD up counter	16	RSU 11927902	1.79
4520B	Dual binary up counter	16	RSU 10875078	1.99
4521B	24-stage frequency divider	16	RSU 11390762	6.19
4585B	4-bit magnitude comparator	16	RSU 11927944	1.49

Transistors: we have the one you need

Direct Commercial Equivalent	Polarity	Case	Cat. No.	Each
2N1702	PNP	TO-3	RSU 11328465	8.99
2N2222	NPN	TO-18	RSU 11328499	.89
2N2222A	NPN	TO-18	RSU 11328507	.89
2N2369	NPN	TO-18	RSU 11328515	.89
2N2646	UNI	TO-18	RSU 11415502	4.89
2N3053	NPN	TO-39	276-2030	.99
2N3055	NPN	TO-3	276-2041	1.99
2N3405	NPN	TO-98HS	RSU 11415577	3.69
2N3906	PNP	TO-92	RSU 11328580	.89
2N4125	PNP	TO-92	RSU 11328606	.89
2N4401	NPN	TO-92	276-2058	.49
2N4403	PNP	TO-92	RSU 11328622	.89
MJ2955	PNP	TO-3	276-2043	1.99
MJE34	PNP	TO-220	276-2027	1.49
MJE170	PNP	TO-126	RSU 11370145	1.49
MJE200	NPN	TO-126	RSU 11370160	1.49
MJE210	PNP	TO-126	RSU 11370178	1.49
MJE2955	PNP	TO-220	RSU 11435005	2.49
MJE2955T	PNP	TO-220	RSU 11435013	2.49
MJE13006	PNP	TO-220	RSU 11370137	2.69
MPS2222	NPN	TO-92	RSU 11370228	.89
MPS2222A	NPN	TO-92	276-2009	.59
MPS2907	PNP	TO-92	276-2023	.59
MPS3640	PNP	TO-92	RSU 11370236	.89
MPS3904	NPN	TO-92	276-2016	.59
MPS5172	NPN	TO-92	RSU 11370251	.89
MPS6531	NPN	TO-92	RSU 11370269	.89
MPS9418	NPN	TO-92	RSU 11379732	.89
MPS9426B	NPN	TO-92	RSU 11370285	.89
MPS9468	PNP	TO-92	RSU 11370293	.99
MPS9600	NPN	TO-92	RSU 11379740	1.19
MPS9623H	NPN	TO-92	RSU 11379757	1.19
MPS9626	NPN	TO-92	RSU 11370319	1.19
MPS9626H	NPN	TO-92	RSU 11370327	1.19
TIP29	NPN	TO-220	RSU 11371168	.99
TIP29A	NPN	TO-220	RSU 11 393451	.99
TIP29C	NPN	TO-220	RSU 11928645	1.69
TIP30B	PNP	TO-220	RSU 11371176	.99
TIP30C	PNP	TO-220	RSU 11928637	1.79
TIP31	NPN	TO-220	276-2017	.99
TIP31C	NPN	TO-220	RSU 11371200	.99
TIP32	PNP	TO-220	RSU 11371218	.99
TIP32A	PNP	TO-220	RSU 11371226	.99
TIP32C	PNP	TO-220	RSU 11928629	1.99
TIP33C	NPN	TO-218	RSU 11928611	4.79
TIP34C	PNP	TO-218	RSU 11928603	3.29
TIP41	NPN	TO-220	RSU 11371234	.99
TIP41C	NPN	TO-220	RSU 11371242	1.29
TIP42	PNP	TO-220	RSU 11371259	1.29
TIP120	NPN	TO-220	276-2068	1.29
TIP125	PNP	TO-220	RSU 11371101	1.79
TIP127	PNP	TO-220	RSU 11464831	1.69
TIP3055	NPN	TO-218	276-2020	1.59



Heat sinks & transistor mounting hardware

- TO-220 heat sink.** Designed for PC board mounted power semiconductors in TO-220 cases. Anodized aluminum. **276-1363 . . . . . 99¢**
- Premium heat sink.** Higher heat dissipation than pressed sheet metal. Compact, space-saving design for TO-202 and TO-220 power devices. **276-1368 . . . . . 1.49**
- Soldering heat sink.** Clips to semiconductors and low-power passive devices so you can solder them without damage. **276-1567 . . . . . 1.29**

- Heat sink pen.** Conducts heat away from heat-generating transistors. Wide temperature range, safe on plastics, non-hardening. **64-4342 . . . . . 5.99**
- Heat sink grease.** Assures proper heat transfer between semiconductor device and heat sink. 6.5 grams. **276-1372 . . . . . 1.99**
- Mounting hardware set.** For power transistors and regulators in TO-3 case. **276-1371 . . . . . 1.39**
- TO-220 mounting hardware.** Has mica insulators, screws, washers. **276-1373 . . . . . 1.39**



N-channel FETs (field-effect transistors)

Direct Commercial Equivalent	Use	Diss.	gfs min./max mmhos	Case Style	Cat. No.	Each
2N3819	GP	360mW	2.0/6.5	TO-92	276-2035	.99
MPF102	VHF Amp Mixer	310mW		TO-92	276-2062	.99

JFET N-channel transistors

Direct Commercial Equivalent	Use	Case	Cat. No.	Price
2N5457	All purpose, amp, switch	TO-92	RSU 11328671	.89
2N5461	All purpose, AF amp	TO-92	RSU 11416120	.89
2N5484	VHF amp, mixer	TO-92	RSU 11328689	.89
2N5486	VHF amp, mixer	TO-92	RSU 11377454	.89

MOSFET N-channel transistors

Direct Commercial Equivalent	Use	Case	Cat. No.	Price
IRF510	Power switch	TO-220	276-2072	1.99
IRF523	High-speed switch	TO-220	RSU 11378866	2.19
IRF530	Power, fast switch	TO-220	RSU 11369840	3.89
IRF630	Power	TO-220	RSU 11378882	3.69
IRF830	High-speed switch	TO-220	RSU 11369865	4.19
IRF840	High-speed switch	TO-220	RSU 11378890	5.39

**2SC1308 TV horizontal output transistor.** NPN used in many TVs. Replaces GE-38, ECG-238, and SK-115. TO-3 case. **RSU 11420668 . . . . . 4.99**

Direct Commercial Equivalent	Polarity	Case	Cat. No.	Each
2SC930	NPN	TO-106	RSU 11333713	1.19
2SC945	NPN	TO-92	RSU 10519239	1.99
2SC1017	NPN	TO-202	RSU 11331139	4.89
2SC1215	NPN	TO-92	RSU 11389087	2.19
2SC1308	NPN	TO-3	RSU 11420668	4.99
2SC1675	NPN	TO-92	RSU 11331535	1.29
2SC1815	NPN	TO-92	RSU 10531218	1.29
2SC1819	NPN	TO-220	RSU 11421583	6.79
2SC1845	NPN	B-40	RSU 11331683	1.19
2SC1907	NPN	TO-92	RSU 11421807	1.19
2SC2001	NPN	TO-126	RSU 11331832	1.19
2SC2075	NPN	TO-220	RSU 11331931	1.69
2SC2168	NPN	TO-220	RSU 11332004	2.69
2SC2229	NPN	TO-92	RSU 11332038	1.29
2SC2240	NPN	TO-92	RSU 11332103	1.29
2SC2324	NPN	TO-126	RSU 11422474	3.19
2SC2681	NPN	TO-247 (VAR)	RSU 11423266	9.29
2SC2690	NPN	TO-126	RSU 11332467	3.39
2SC3144	NPN	TO-220	RSU 11332681	3.29
2SC3180	NPN	TO-247S	RSU 11424348	8.69
2SC3855Y	NPN	TO-247	RSU 11333234	6.89
2SC3907	NPN	B-77	RSU 11333317	5.99
2SC3944	NPN	TO-228	RSU 11425824	2.19
2SC4130	NPN	TO-220 (VAR)	RSU 11426053	9.49
2SC4159	NPN	TO-220	RSU 11426087	3.19
2SC4274	NPN	TO-220 (VAR)	RSU 11426145	5.39

Low-priced 15-piece transistor packs

- 15 NPN transistors.** General-purpose silicon, high-speed medium power switching transistors. **276-1617 . . . . . 2.29**
- 15 amplifying transistors.** PNP small-signal, 2N3906-type. 350mW dissipation. TO-92 case. **276-1604 . . . . . 2.29**



Infrared transistor

For IR switching applications, lightwave communications. T-1 1/4, two-lead, 50mW. **276-145 . . . . . 99¢**



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## Rectifier, switching, signal and zener diodes

(1) Micro 1A diodes. 30A surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. 2
1N4001	50	276-1101	.49
1N4002	100	RSU 11929007	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79
1N4006	800	RSU 11928439	.79
1N4007	1000	RSU 11928397	.89

(2) 3A barrel diodes. 200A surge.

Type	PIV	Cat. No.	Pkg. 2
1N5400	50	276-1141	.99
1N5401	100	RSU 11928371	.99
1N5402	200	276-1143	1.19
1N5404	400	276-1144	1.29
1N5406	600	RSU 11928355	1.39
1N5407	800	RSU 11929064	1.49
1N5408	1000	RSU 11928520	1.59

(3) PTC205. 2.5A, 1000-PIV silicon diodes. 276-1114 ..... Pkg. of 3/1.49

### Heavy-duty MOV surge protector

(7) Metal-oxide varistor helps prevent damage to equipment by absorbing high-voltage surges present on the AC power line. Build into equipment or use to replace "blow" MOVs in surge protectors. 276-568 ..... 1.99

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(8) SCR. For motor speed control.  
6 amps, 200 volts. 276-1067 ..... 99¢  
6 amps, 400 volts. 276-1020 ..... 1.19

6-amp triac. Perfect for light dimmers and heating element control. Rated up to 400 volts. 276-1000 ..... 1.49

### Full-wave bridge rectifiers for power supplies

(9) 4 amps, 50PIV. 276-1146 ..... 1.39  
4 amps, 100PIV. 276-1171 ..... 1.59  
4 amps, 400PIV. 276-1173 ..... 1.99

(11) 25 amps, 50PIV. Metal case for maximum heat dissipation. Center mounting hole. 276-1185 ..... 2.69

(10) 1-amp, 200PIV. DIP-style. Two fit into a 14-pin socket. 276-1161 ..... 99¢

(12) 6A, 200PIV. 276-1181 ..... 2.49  
(13) 1.4A, 100PIV. 276-1152 ..... 1.19

### Multi-pack parts bargains—only \$2.29 each

(14) 50 silicon switching diodes. 1N914/1N4148-type. Popular for logic. Switching time low as 4nS. 276-1620 ..... 2.29

(18) 20 assorted LEDs. May include MV-series, green, red, amber, and infrared emitters. 276-1622 ..... 2.29

(15) 15 NPN transistors. General-purpose silicon, high-speed, medium power switching transistors. Rated 600mW. 276-1617 ..... 2.29

(19) 4 rectifier diodes. Rated 6 amps. 50PIV. For replacement and power supplies. 276-1561 ..... 2.29

(16) 15 amplifying transistors. PNP small-signal type, similar to 2N3906. 350mW dissipation. TO-92 case. 276-1604 ..... 2.29

(20) 5 photocells. CdS photoresistors respond to light. Various styles and ratings. 276-1657 ..... 2.29

(17) 25 rectifier diodes. Super value! Includes ten 1N4001s, five 1N4002s, five 1N4004s and five other types. 276-1653 ..... 2.29

(21) Inductor assortment. 30 pieces! May have RF/IF/video peaking coils, various chokes and small transformers. 273-1601 ..... 2.29

(22) 12 trimmer resistors. Assorted values and styles. 271-1605 ..... 2.29

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- IC inserter/extractor set. 276-1581 ..... 7.49
- Antistatic foam mat. 276-2400 ..... 1.29
- Antistatic wrist strap. 276-2397 ..... 3.99

### 400mW Zener diodes

Mfr. No.	Voltage	Cat. No.	Pkg. of 2
1N746A	3.3	RSU 11673506	.79
1N748A	4.7	RSU 11673514	.79
1N749A	4.3	RSU 11928561	.79
1N751A	5.1	RSU 11673522	.79
1N752A	5.6	RSU 11928512	.79
1N753A	6.2	RSU 11928496	.79
1N755A	7.5	RSU 11673530	.79
1N759A	12.0	RSU 11673548	.79

### 500mW Zener diodes

Mfr. No.	Voltage	Cat. No.	Pkg. of 2
1N5221B	2.4	RSU 11673431	.89
1N5226B	3.3	RSU 11673449	.89
1N5228B	3.9	RSU 11673456	.89
1N5229B	4.3	RSU 11673464	.89
1N5231B	5.1	RSU 11673472	.89
1N5232B	5.6	RSU 11673480	.89
1N5233B	6.0	RSU 11673498	.89
1N5234B	6.2	RSU 11928462	.89
1N5235B	6.8	RSU 11928421	.89
1N5237B	8.2	RSU 11928413	.89
1N5240B	10.0	RSU 11928447	.89
1N5242B	12.0	RSU 11929049	.89
1N5245B	15.0	RSU 11929056	.89
1N5246B	16.0	RSU 11928553	.89

### Crystal clock oscillators

Reliable, durable and economical. Low power consumption. Hermetically sealed.

MHz	Cat. No.	Price
1.843200	RSU 11321205	3.39
4.000000	RSU 11321221	3.39
8.000000	RSU 11321254	3.39
10.000000	RSU 11321270	3.39
14.318180	RSU 11321288	3.39
22.188400	RSU 11321320	3.39
30.000000	RSU 11321346	3.39
50.000000	RSU 11321361	3.39

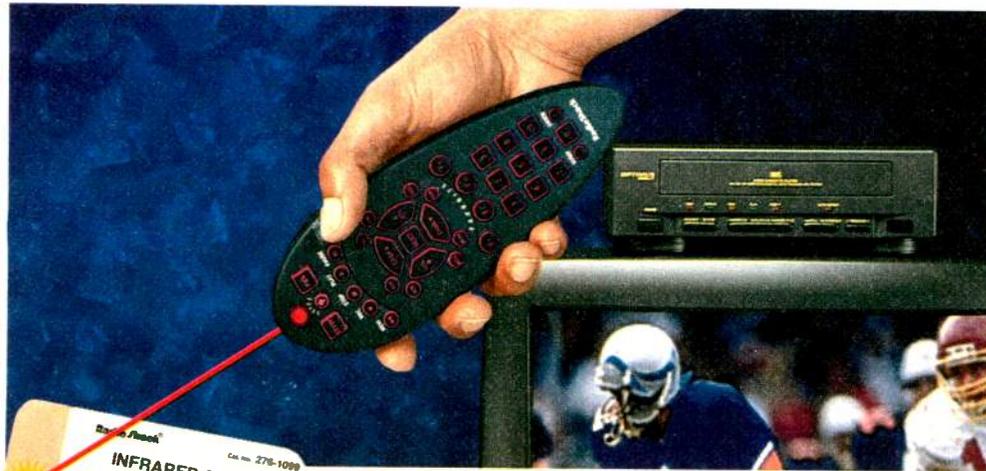
### Microprocessor crystals

Tolerance: +.005%. Temp. range: -20°C to +70°C.

MHz	Case	Cat. No.	Price
1.000000	HC 51	RSU 11321387	7.99
2.457600	HC 49	RSU 11321411	4.49
3.000000	HC 49	RSU 11321429	4.49
3.579545	HC 49	RSU 11321437	1.89
4.194304	HC 49	RSU 11321460	1.89
5.068800	HC 49	RSU 11321494	1.89
6.144000	HC 49	RSU 11321528	1.19
10.000000	HC 49	RSU 11321569	1.19

# Lighten Up With Our LEDs

RadioShack is your nearby source for LEDs. We stock popular jumbo, high-brightness, infrared and even blinking LEDs. We also have holders that make it easy to mount LEDs in panels. Each LED package gives you handy information on pinout polarity, typical current drain and absolute maximum ratings.



**INFRARED SENSOR**  
Identify and locate near-infrared radiation emanating from either LED or laser sources such as a TV remote control.

**Infrared sensor card.** Special coating allows you to see infrared light. Use to check remote controls, security systems, and more. Locates near-infrared radiation from laser or LED sources. 276-1099 ..... 5.99

### LEDs

Description	MCD (typ)	Wavelength nm (typ)	Size T#	Size mm	Lens Color	View Angle	mA (max)	Type Volt	Max Volt	Cat. No.	Pkg. of	Price
Orange	12000	620	3/4	10	Clear	10	50	1.9	2.6	276-206	1	3.99
Yellow	6000	590	3/4	10	Clear	10	50	1.9	2.6	276-205	1	2.99
Red	5000	660	3/4	10	Clear	30	36	1.9	2.2	276-086	1	2.49
Green	350	565	3/4	10	Green	12	60	2.2	2.8	276-215	1	2.39
Red	300	635	3/4	10	Red	12	60	2.0	2.8	276-214	1	2.39
Yellow	250	585	3/4	10	Orange	12	60	2.0	2.8	276-216	1	2.39
Yellow-green	120	660		7.5	Yellow-green	24	30	2.1	2.8	276-204	1	1.99
NEW Red	3000	660	1/4	5	Clear	12	20	1.7	2.4	276-307	1	1.99
Red	2000	660	1/4	5	Clear	10	30	1.85	2.5	276-087	1	1.79
NEW Yellow	1600	585	1/4	5	Clear	10	30	2.1	2.4	276-301	1	1.79
NEW Orange	1600	620	1/4	5	Clear	20	50	2.1	2.8	276-306	1	1.79
NEW Red wide-angle	800	660	1/4	5	Clear	30	20	1.7	2.4	276-309	1	1.39
NEW Green	630	565	1/4	5	Clear	20	30	2.1	2.8	276-304	2	1.29
NEW Green blinking	600	570	1/4	5	Clear	30	20	6.0	6.0	276-305	1	1.69
Red	500	660	1/4	5	Clear	10	20	1.75	2.5	276-066	1	1.29
NEW Yellow	500	595	1/4	5	Clear	60	20	1.95	2.35	276-302	1	1.29
NEW Red blinking	500	566	1/4	5	Clear	20	12	2.8	3.0	276-308	1	1.69
NEW Blue	300	430	1/4	5	Clear	24	30	5.0	6.0	276-311	1	2.99
Orange/green	25	565	1/4	5	White diffused	30	43	2.5	2.6	276-210	1	1.19
Green	20	565	1/4	5	Green diffused	30	10	2.2	2.4	276-022	2	.99
Red	10	700	1/4	5	Red diffused	30	28	2.25	2.6	276-041	2	.99
Orange/red	6.3	R635/G565	1/4	5	White diffused	54	20	2.0	2.8	276-012	1	1.19
Yellow	6.3	585	1/4	5	Yellow diffused	30	36	2.15	2.6	276-021	2	.99
NEW Green	5.5	565	1/4	5	Green diffused	25	2.0	2.1	2.8	276-303	2	.99
NEW Red	5.2	697	1/4	5	Red diffused	30	2.0	2.1	2.8	276-310	2	.99
Blinking green	4.0	565	1/4	5	Green diffused	45	40	2.5	3.0	276-030	1	1.29
Blinking red	3.5	700	1/4	5	Red diffused	30	90	2.5	2.6	276-036	1	1.19
Red	1.5	697	1/4	5	Red diffused	45	10	2.0	5.0	276-208	1	.99
Red	1.5	697	1/4	5	Red diffused	45	10	2.0	12.0	276-209	1	.99
Red flat spiral	1.5	700	1/4	5	Clear	30	25	2.1	2.8	RSU 10524445	2	1.99
Reflective red wide-angle	1.2	635	1/4	5	Clear	32	10	2.0	2.8	276-045	2	.99
Red (low mA)	1.0	697	1/4	5	Red diffused	45	2.0	2.1	2.6	276-044	1	.99
Red	5.0	700	1	3	Red	25	28	2.25	2.6	276-026	2	.99
Oval red/yellow-green	100	R300 YG100		6.8x7.6	Clear	70/30	30	1.85	2.5	276-207	1	2.39
Oval red	400	660		4.6x5.8	Pink	70/30	30	1.85	2.5	276-203	1	1.99

### LED holders

Description	Size T#	Size mm	Color	Mtg Holes	Cat. No	Pkg of	Price
Snap-in holder	1	3	Black	1/4"	RSU 11918042	5	.59
Snap-in holder	1/4	5	Black	1/4"	276-079	5	.59
Chrome holder	1/4	5	Chrome	1/4"	276-080	2	1.19
Snap-in holder	3/4	10	Black	1/4"	276-092	3	.99

 **High-output infrared LED.** T-1 3/4. 20mA, 1.3VDC. 276-143..... 1.69

 **Matched infrared emitter and phototransistor detector.** 276-142 ..... 1.99

**Infrared phototransistor.** IR switching applications, experimenting with lightwave communications. T-1 3/4, two lead, 50mW. 276-145 ..... 99c

 **Infrared detector module.** Ideal for mounting on PC boards. 5VDC. 276-137 ..... 3.59

 **MOC3010 Optocoupler.** For low current, isolated AC switching. 6-pin DIP. 276-134, 1.99

 **10-segment red LED bar-graph display.** 20-pin DIP. 20mA, 2VDC per element. 276-081 ..... 2.99

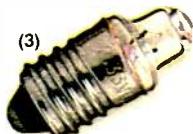
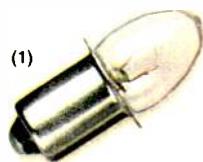
 **7-segment LED digital display.** Common cathode numerical display. 14-pin DIP. 276-075 ..... 1.79

### LED displays

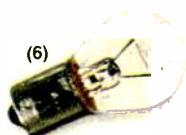
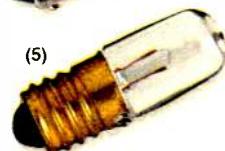
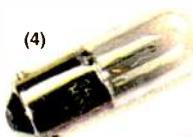
Red, 7-segment LED displays rated 30mA max. current per segment and 6V max. reverse voltage per segment. Common anode except RSU 11305133, which is common cathode.

RHDP=right hand decimal point.  
LHDP=left hand decimal point.

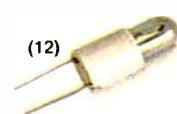
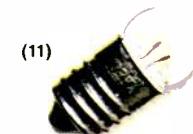
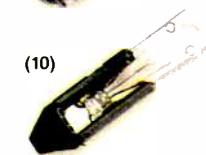
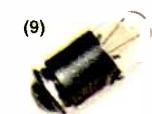
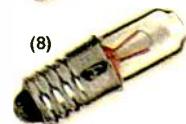
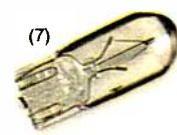
Description	Max. Power Diss (W) PT	Cat No	Price
.300-inch, RHDP	.480	RSU 11305133	2.79
.300-inch, LHDP	.480	RSU 11305141	2.79
.400-inch, RHDP	.480	RSU 11305158	2.99
.560-inch, RHDP	.480	RSU 11305166	3.29
.800-inch, RHDP	.600	RSU 11305174	3.99



Prefocus type used in many penlights



High-intensity bulb



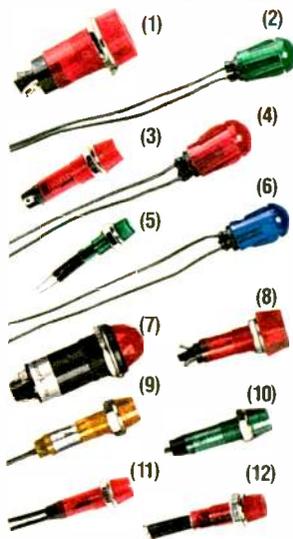
## Flashlight lamps

Fig	Flashlight Batteries	Lamp	Type	Base	Volts	mA	MSCP	Avg. Life (Hrs.)	Cat. No.	Pkg.	Price
1	2 cell	PR4	Vacuum	Flange	2.33	270	0.40	10.	272-1122	2	1.19
1	(AA)	KPR104	Krypton	Flange	2.20	480	0.52	15	272-1169	1	1.19
1	(2.33V)	XPR104	Xenon	Flange	2.40	490	0.80	15	272-1180	1	1.99
3	2 cell	222	Vacuum	E-10	2.25	250	—	5	RSU 11673332	2	1.19
3	(AA)	243	Vacuum	E-10	2.33	270	—	10	272-1124	2	1.19
3	(2.33V)	K222	Krypton	E-10	2.33	600	—	10	272-1175	1	1.19
1	2 cell	PR2	Vacuum	Flange	2.38	500	0.80	15	272-1120	2	1.19
1	(C&D)	KPR102	Krypton	Flange	2.40	700	1.30	15	272-1157	1	1.19
1	(2.4V)	XPR102	Xenon	Flange	2.40	1000	2.10	40	272-1181	1	1.99
2		HPR52	Halogen	Flange	2.80	850	2.78	10	272-1190	1	3.99
1	3 cell	PR3	Vacuum	Flange	3.57	500	1.50	15	272-1121	2	1.19
1	(C&D)	KPR103	Krypton	Flange	3.60	700	2.70	15	272-1158	1	1.19
1	(3.6V)	XPR103	Xenon	Flange	3.60	1000	4.10	40	272-1182	1	1.99
2		HPR53	Halogen	Flange	4.00	850	4.77	25	RSU11663143	1	3.99
1	4 cell	PR13	Vacuum	Flange	4.75	500	2.00	15	272-1151	2	1.19
1	(C&D)	KPR113	Krypton	Flange	4.80	700	4.06	15	272-1162	1	1.19
1	(4.8V)	XPR113	Xenon	Flange	4.80	1000	6.50	40	272-1183	1	1.99
2		HPR50	Halogen	Flange	5.20	850	6.76	25	272-1189	1	3.99
1	5 cell	PR12	Vacuum	Flange	5.95	500	3.00	15	272-1123	2	1.19
1	(C&D)	KPR112	Krypton	Flange	5.95	700	5.46	15	272-1163	1	1.19
1	(6.0V)	XPR112	Xenon	Flange	6.00	800	6.9	36	RSU 11679792	1	1.99
2		HPR51	Halogen	Flange	6.50	700	7.16	25	RSU 11338589	1	3.99
1	6 cell	PR18	Vacuum	Flange	7.20	550	4.20	20	272-1168	2	1.19
1	(C&D)	KPR118	Krypton	Flange	7.20	550	5.23	20	272-1164	1	1.19
1	(7.2V)	XPR118	Xenon	Flange	7.20	800	8.4	36	RSU 11679784	1	1.99

## Premium-grade incandescent bulbs

Fig	Volts	mA	Lamp	MSCP	Bulb	Base Size and Style	Avg. Life (Hrs.)	Cat. No.	Pkg.	Price
1	4.82	500	PR15	2.00	B-3½	11.1mm flange	30	RSU 11673357	2	1.19
1	8.63	500	PR20	5.00	B-3½	11.1mm flange	15	RSU 11673340	2	1.19
11	2.47	300	14	0.50	G-3½	11.1mm threaded (E-10)	15	272-1132	2	1.19
11	7.5	220	50	1.00	G-3½	11.1mm threaded (E-10)	1000	272-1133	2	1.19
11	14.4	100	52	0.75	G-3½	11.1mm threaded (E-10)	1000	272-1127	2	1.19
11	14.0	200	1449	2.00	G-3½	11.1mm threaded (E-10)	250	RSU 11910783	2	1.19
4	14.4	120	53	1.00	G-3½	11.1mm bayonet	1000	272-1117	2	1.19
6	12.8	1040	93	15.00	S-8	26mm bayonet	500	272-1116	1	1.19
8	2.4	360	—	—	T-1½	5.8mm threaded (E-5)	5	272-1176	2	1.29
8	2.5	200	1769	0.22	T-1½	5.8mm threaded (E-5)	500	RSU 11673423	2	1.29
8	6.0	100	—	0.40	T-1½	5.8mm threaded (E-5)	1000	272-1142	2	1.19
8	12.0	75	—	0.50	T-1½	5.8mm threaded (E-5)	1000	272-1143	2	1.19
8	14.0	80	373	0.50	T-1½	5.8mm threaded (E-5)	1500	RSU 11626090	1	1.19
8	28.0	80	369	0.40	T-1½	5.8mm threaded (E-5)	4000	RSU 11338548	1	1.19
9	6.3	200	381	0.40	T-1½	5.8mm midjet flange	20000	RSU 11673415	2	1.29
9	14.0	80	330	0.50	T-1½	5.8mm midjet flange	1500	RSU 11673399	2	1.29
9	28.0	40	387	0.30	T-1½	5.8mm midjet flange	7000	RSU 11673381	2	1.19
9	6.3	200	379	0.40	T-1½	5.8mm midjet groove	20000	RSU 11673407	2	1.29
9	14.0	80	386	0.30	T-1½	5.8mm midjet groove	15000	RSU 11341344	1	1.19
9	28.0	40	388	0.30	T-1½	5.8mm midjet groove	7000	RSU 11341369	1	1.19
10	12.0	40	12ESB	—	T-2	6.8mm telephone slide	7500	RSU 11839495	1	1.19
10	24.0	35	24X	—	T-2	6.8mm telephone slide	8000	RSU 11337615	1	1.19
10	24.0	73	24PSB	—	T-2	6.8mm telephone slide	5000	RSU 11337607	1	1.19
10	28.0	40	28PSB	—	T-2	6.8mm telephone slide	5000	RSU 11337631	1	1.19
10	60.0	50	60PSB	—	T-2	6.8mm telephone slide	7500	RSU 11337722	1	1.19
10	120.0	25	120PSB	—	T-2	6.8mm telephone slide	5000	RSU 11337789	1	1.49
4	24.0	70	24MB	—	T-2	8.3mm bayonet	10000	RSU 11337599	1	1.19
4	28.0	40	28MB	—	T-2	8.3mm bayonet	5000	RSU 11337623	1	1.19
4	60.0	50	60MB	—	T-2	8.3mm bayonet	7500	RSU 11337714	1	1.19
4	120.0	25	120MB	—	T-2	8.3mm bayonet	5000	RSU 11337771	1	1.49
4	6.3	150	47	0.50	T-3½	10mm bayonet	3000	272-1110	2	1.19
4	6.3	150	1847	0.38	T-3½	10mm bayonet	5000	272-1115	2	1.19
4	6.3	250	44	0.90	T-3½	10mm bayonet	3000	272-1108	2	1.19
4	14.0	200	1815	1.40	T-3½	10mm bayonet	3000	272-1118	2	1.19
4	14.0	240	1891	2.00	T-3½	10mm bayonet	500	272-1112	2	1.19
4	28.0	40	1819	0.34	T-3½	10mm bayonet	2500	272-1119	2	1.19
5	6.3	150	40	0.50	T-3½	10mm threaded (E-10)	3000	272-1128	2	1.19
5	6.3	250	46	0.90	T-3½	10mm threaded (E-10)	3000	272-1130	2	1.19
5	14.0	200	1487	1.40	T-3½	10mm threaded (E-10)	3000	272-1134	2	1.19
7	6.3	150	159	0.34	T-3½	10mm wedge	5000	RSU 11673365	2	1.19
7	6.3	250	259	0.65	T-3½	10mm wedge	5000	RSU 11673373	2	1.19
7	14.0	270	194	2.00	T-3½	10mm wedge	2500	272-1126	2	1.19
3	1.2	220	112	—	TL-3	6.2mm threaded	5	272-1174	2	1.19
12	12.0	50	—	0.12	T-1	33mm Bi-Pin	5000	272-1154	1	1.39
13	120.0	½W neon	NE2	—	T-2	(includes resistor)	25000	272-1100	2	1.19
13	120.0	½W neon	NE2H	—	T-2	(add resistor*)	25000	272-1102	2	.69

\*Requires a 22k ohm resistor for use on 120 volts



**Lamp assemblies that include bulb**

Choose from many colors and styles to fit your needs—great for home and school projects, electronic repairs, and hobbies like model railroads.

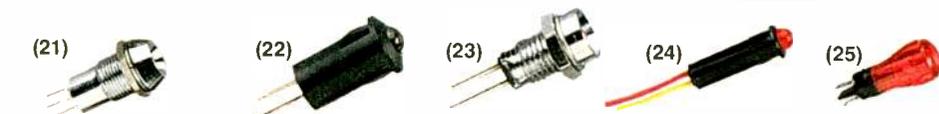
Fig.	Description	Mtg. Hole	Cat. No.	Pkg. of	Price
1	12-volt, jumbo red	19/32"	272-336	2	2.59
2	12-volt, green snap-in	1/2"	272-337	2	1.99
3	12-volt, hi-brightness red	9/32"	272-331	2	1.99
4	12-volt, red snap-in	1/2"	272-332	2	1.99
5	12-volt, micro, green	7/32"	272-334	2	2.19
6	12-volt, blue snap-in	1/2"	272-335	2	1.99
7	120-volt neon, jumbo red	5/16"	272-710	1	1.99
8	120-volt neon, red (square)	7/16"	272-704	2	2.19
9	120-volt neon, amber	9/32"	272-707	2	2.59
10	120-volt neon, green	9/32"	272-708	2	2.59
11	120-volt neon, red	9/32"	272-712	2	2.59
12	12-volt, red, 1 lens	7/32"	272-345	1	1.49



**Choose your lamp holder here** Bulbs extra

For projects and repairs. See page 195 for our big selection of flashlight bulbs and miniature lamps.

Fig.	Accepts Bulb Base/Description	Cat. No.	Pkg. of	Price
13	Bayonet base. With solder tabs	272-355	6	1.29
14	E-10 base. Compact size	272-356	1	1.29
15	E-10 base. Screw terminals	272-357	1	1.29
16	Bayonet base. 5/8" mtg. hole. With 1 red, 1 green lens	272-325	2	1.99
17	E-5 threaded-base bulbs	272-358	6	1.29
18	E-5. Includes 2 red, 2 white lenses	272-340	2	1.99
19	E-10 bayonet-base bulbs	272-359	4	1.29
20	E-10 threaded-base bulbs	272-360	4	1.29



**LEDs with holders**

Fig.	Description	MCD (typ)	WL nm (typ)	Lens Size mm	Lens Color	View Angle	mA (max)	Volt (typ)	Volt (max)	Mtg. Hole	Cat. No.	Each
21	Red/green	Red 2 Green 10	Red 700 Green 567	5	White diffused	70°	20	3.0	2.0	13/32"	276-025	2.19
22	Red	80	635	9.5	Red	30°	20	2.0	2.8	7/16"	276-018	2.19
23	Red	.8	655	4	Red diffused	60°	20	1.7	2.0	1/4"	276-068	2.19
24	Green	2.5	565	4	Green diffused	60°	20	2.10	2.8	1/4"	276-069	2.19
	Red/yellow	80	625	5	Red dif.	60°	30	12	12	5/16"	276-011	2.29
25	Super-bright red	500	660	10	Red	45°	30	1.75	2.2	11/32"	RSU 11914827	2.29
	Red	50	635	6	Red	45°	15	12	12	3/16"	276-084	1.99
	Green	22	555	6	Green	45°	15	12	12.9	1/16"	276-085	1.99
	NEW! Red	40	635	8.5	Red	25°	20	12	15	1/4"	276-270	1.99
	NEW! Green	40	565	8.5	Green	25°	20	12	15	1/4"	276-271	1.99
	NEW! Orange	30	585	8.5	Orange	25°	20	12	15	1/4"	276-272	1.99
	NEW! Bright Red	300	600	5.0	Clear	20°	20	1.8	2.4	3/16"	RSU 10524460	2.19



Add extra safety in seconds! Just replace vehicle's original backup light bulb with Safety Back-Up Alert.

**Safety Back-Up Alert® light & alarm**

Even careful drivers can't avoid what they can't see. Back-Up Alert shines a bright halogen light and sounds a "beep-beep" alarm whenever your car is in reverse. Easy to install—just replace your original backup light bulb.

Replaces #1156 style bulb. 272-1525 . . . . . 21.99  
Replaces #3156 style bulb. 272-1526 . . . . . 21.99

**Brighten Up Your Electronic Projects**

RadioShack makes it easy and affordable to add illumination to your projects or replace lamps in dials, pilot lights and control panels. Just bring in your old lamp to get a perfect match.

**Mini lamps**

(26) Miniature lamps. Draw about 25mA. 1 3/4" hookup wire leads, Each 1.19

Volts	Cat. No.
1.5V	272-1139
6V	272-1140
12V	272-1141

(27) 12V flashing lamps. Draw about 95mA. One each red, yellow, green. 272-1097. . . . . Set of 3/1.39

(28) 6V colored lamps. Draw about 60mA. One each red, yellow, green. 272-1098. . . . . Set of 3/1.29  
12-volt version of above. 272-1099. . . . . Set of 3/1.29

(29) 12-volt microlamps. Draw about 60mA. 272-1092. . . . . Pkg. of 2/1.49

(30) For metal mini flashlights. Plug-in "bi-pin" bulbs. 2.5V, 300mA. 272-1149. . . . . Pkg. of 2/2.99

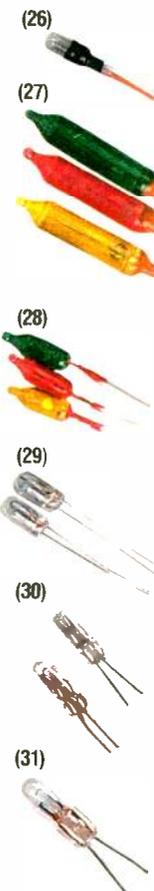
(31) Krypton bulb for mini flashlights. Extra bright. 2.5V. 272-1150 . . . . . 2.49

**Halogen lamps**

12-volt, 20-watt. G-4 base, rated 350 lumens. Average life: 2000 hours. Excellent for automotive applications. 272-1177. . . . . 1.99

**Long-life strobe tube**

Suitable for photography use and special-effects lighting projects. Trigger: 4kV. Anode: 200 volts min., 300 volts max. With data. 272-1145 . . . . . 3.29

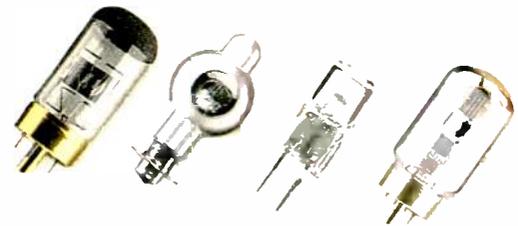




## Halogen quartz projector lamps

High brightness with stable color, constant output and no bulb blackening. Accurate snap-in alignment.

- Type ELH.** For many slide projectors. 20 volts, 360 watts.  
RSU 10283240..... 19.99
- Type ENX.** For many overhead projectors. 82 volts, 360 watts. RSU 10283281 ..... 18.99



## Projection, studio and video lamps

For slide projectors, 16mm and 8mm movie projectors, video, studio and general applications. See our in-store RadioShack Unlimited catalog for a complete listing.

Type	Description	Volts	Watts	Cat. No.	Each
BAK	Exciter	4	0.75	RSU 10282994	12.99
BHB	Projector	120	250	RSU 10283000	41.99
BKR	Projector	120	30	RSU 11680899	13.69
BLC	Slide/filmstrip	120	30	RSU 10283018	6.99
BRH	Projector/studio	120	1000	RSU 10283026	59.99
BRK	Projector/studio	120	1000	RSU 10283034	16.99
BRL	Projector/video	12	50	RSU 11679420	11.89
BSW	Exciter	7	0.2	RSU 10283042	15.99
BVE	General purpose	120	625	RSU 10283059	63.99
CAL/CXP	Slide/filmstrip	120	300	RSU 10283067	27.99
CAR	Projector	120	150	RSU 10283075	27.99
CBA	Projector	120	500	RSU 11679628	67.39
CDK/CEA/CEB	Projector/studio	120	100	RSU 11679511	21.19
CHK	Projector/studio	120	150	RSU 11680824	24.49
CLG/CLS	Projector/studio	120	300	RSU 11679560	20.29
CMV	Projector/studio	120	300	RSU 11680873	27.29
CWD	Projector	120	300	RSU 11679453	33.19
CXL/CXR	Projector	8	50	RSU 11679529	32.29
CZA/CZB	Slide	120	500	RSU 10283083	34.99
CZX	General purpose	120	500	RSU 11679610	29.99
DAK/DAY	Slide	120	500	RSU 10283109	34.99
DAR	Projector	120	500	RSU 11870797	46.99
DAT	Projector	120	400	RSU 10283091	27.99
DCH	Projector	120	150	RSU 11403177	39.99
DDB	Projector	120	150	RSU 10283117	45.99
DDL	Projector	20	150	RSU 10283125	22.99
DDM	Slide	19	80	RSU 10283133	36.99
DDS	Projector	21	80	RSU 10283141	24.99
DED	Microfilm	13.9	85	RSU 10283158	24.99
DEK	Slide	120	500	RSU 10283166	33.99
DFE	Projector	30	80	RSU 11679719	52.79
DGB	Projector	30	80	RSU 11403300	49.99
DJL	Projector	120	150	RSU 10449114	46.99
DJT	Projector	13.8	50	RSU 10283174	25.99
DLD/DFZ	Projector	30	80	RSU 11679602	48.19
DNE	General purpose	120	150	RSU 11680923	41.89
DYV/BHC/DYS	General purpose	120	600	RSU 10283182	23.99

Type	Description	Volts	Watts	Cat. No.	Each
EFP	Projector	12	100	RSU 11679677	35.89
EFR	Projector	15	150	RSU 10283190	41.99
EHA	Projector	120	500	RSU 10283208	59.99
EHJ	Projector	24	250	RSU 11680857	19.49
EJL	Printer	24	200	RSU 10283216	32.99
EKD	Studio	120	650	RSU 11679669	32.39
ELB	Projector	30	80	RSU 11679776	37.49
ELC	Projector	24	250	RSU 10283224	33.99
ELD	Projector	21	150	RSU 10283232	24.99
ELH	Projector	120	300	RSU 10283240	19.99
ELD/EJN	Projector	21.5	150	RSU 11680915	24.49
EMM	General purpose	25	250	RSU 10283257	43.99
ENG	Projector	120	300	RSU 10283265	43.99
ENH	Slide/video	120	250	RSU 10283273	36.99
ENL	Projector	12	50	RSU 11679800	8.59
ENX	General purpose	82	360	RSU 10283281	18.99
ENZ	Projector	30	50	RSU 11679883	29.99
EPX	Projector	14.5	90	RSU 10283299	24.99
ESA/FHD	Projector	6	10	RSU 11679412	9.39
ESB/FHE	Projector	6	20	RSU 11679685	9.39
ESY	Projector/video	100	150	RSU 11680907	25.79
EVW	Projector	82	250	RSU 10283307	34.99
EXR	Slide	82	300	RSU 10283315	32.99
EXW	Projector	82	300	RSU 10283323	43.99
EXY	Projector	82	250	RSU 11679404	43.39
EYB	General purpose	82	360	RSU 10283331	31.99
EYH/FKT	Projector/video	120	250	RSU 11679396	33.99
EYL	Projector	12	100	RSU 11698404	18.79
EZG	Projector	25	300	RSU 10283349	163.99
FAL	Color projector	120	420	RSU 10283356	33.99
FCB	General purpose	120	600	RSU 10283364	32.99
FCR	Projector/video	12	100	RSU 10283372	14.99
FCS	Projector	24	150	RSU 10283380	12.99
FDT	Projector/studio	12	100	RSU 11661915	19.29
FHS	Slide	82	300	RSU 10283398	24.99
FLT	Projector	13.8	25	RSU 11679495	27.59
FML	Projector	13.8	50	RSU 10283406	26.99
FXL	Projector	82	410	RSU 11405149	46.99

## Special-effects lighting

Figs. 1 through 4 are high-brightness sealed Halogen spotlights with internal reflectors and screw terminal connectors.



Fig.	Description	Volts	Watts	Mfr.'s No.	Cat. No.	Each
1	Clear spotlight	6.5	30	PAR36HC	RSU 11902996	6.59
2	Red spotlight	6.5	30	PAR36HR	RSU 11903002	7.19
3	Blue spotlight	6.5	30	PAR36HB	RSU 11903010	7.19
	Green spotlight	6.5	30	PAR36HG	RSU 11903028	7.19
	Purple spotlight	6.5	30	PAR36HP	RSU 11903036	7.19
4	Yellow spotlight	6.5	30	PAR36HY	RSU 11903044	7.19

Fig.	Description	Volts	Watts	Mfr.'s No.	Cat. No.	Each
5	Lamp with multifaceted dichroic reflector	15	159	EFR	RSU 11903051	17.59
6	Bi-pin projector lamp	24	150	FCS	RSU 11903069	4.69
	Quartz bi-pin projector lamp	120	300	64514	RSU 11903077	16.29

# We Have the Right Capacitor

## Axial-lead electrolytic capacitors

µF	WVDC	Cat. No.	Each
10	16	RSU 11935038	.49
50	16	RSU 11297793	.49
100	16	RSU 11938974	.49
220	16	RSU 11939063	.49
330	16	RSU 11930385	.49
1000	16	RSU 11935079	.49
1500	16	RSU 11297843	1.29
3300	16	RSU 11930393	1.39
4700	16	RSU 11935095	1.49
5	25	RSU 11297868	.49
10	25	RSU 11938982	.49
22	25	RSU 11930401	.49
33	25	RSU 11939048	.49
50	25	RSU 11297892	.49
100	25	RSU 11935111	.49
330	25	RSU 11930419	.49
3300	25	RSU 11930427	2.19
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.99
220	35	272-1017	.99
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.99
4700	35	272-1022	3.59
0.47	50	RSU 11930435	.49
1	50	RSU 11930443	.49
2.2	50	RSU 11930450	.49
3.3	50	RSU 11930468	.49
50	50	RSU 11297942	.49
200	50	RSU 11297975	.59
250	50	RSU 11297983	.69
1000	50	272-1047	1.99
2200	50	272-1048	3.49
4.7	100	RSU 11930484	.49
10	100	RSU 11930492	.49

## Hi-Q ceramic discs

Moisture proof coating, extra-long leads.

Value	WVDC	Cat. No.	Pkg. of 2
4.7pF	50	272-120	.49
47pF	50	272-121	.49
100pF	50	272-123	.49
220pF	50	272-124	.49
470pF	50	272-125	.49
0.047µF	50	272-134	.59
0.1µF	50	272-135	.69
0.001µF	500	272-126	.59
0.0047µF	500	272-130	.59
0.01µF	500	272-131	.59
0.01µF	2,000	272-160	1.19

## Monolithic ceramic capacitors 10% tolerance.

µF	WVDC	Industry No.	Cat. No.	Each
0.022	50	CK05BX223K	RSU 11298189	.49
0.033	50	CK05BX333K	RSU 11298197	.49
0.22	50	CK06BX224K	RSU 11298312	1.19
0.47	50	CK06BX474K	RSU 11298320	1.19
1.0	50	CK06BX105K	RSU 11298338	3.99
1.0	100	CK05BX103K	RSU 11298163	.49
0.022	100	CK06BX223K	RSU 11298270	.49
0.033	100	CK06BX333K	RSU 11298288	.59
0.047	100	CK06BX473K	RSU 11298296	.59

## Nonpolarized electrolytics

For crossovers, audio filters.

µF	Approx. Crossover Frequency (8 Ohms)	Cat. No.	Each
1.0	10kHz	272-996	.99
2.2	8kHz	272-997	.99
4.7	4kHz	272-998	.99
10.0	2kHz	272-999	.99

## PC-mount Long leads permit point-to-point wiring, too.

µF	WVDC	Cat. No.	Pkg. of 2
0.01	50	272-1065	.59
0.022	50	272-1066	.69
0.047	50	272-1068	.69
0.1	50	272-1069	.79
0.22	50	272-1070	.89

## Radial-lead electrolytic capacitors

µF	WVDC	Cat. No.	Each
100	10	RSU 11939071	.49
470	10	RSU 11939089	.49
1000	10	RSU 11939097	.49
3300	10	RSU 11939105	.69
10	16	RSU 11296852	.49
22	16	RSU 11296860	.49
47	16	RSU 11935202	.49
100	16	RSU 11935210	.49
220	16	272-956	.99
470	16	272-957	.99
1000	16	272-958	.99
22	25	RSU 11935277	.49
47	25	RSU 11935293	.49
100	25	RSU 11935301	.49
220	25	RSU 11935319	.49
1000	25	RSU 11935343	.79
3300	25	RSU 11935368	1.29
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.99
220	35	272-1029	.99
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	1.19

## Metal-film Low leakage. Stable at high temperatures.

µF	WVDC	Cat. No.	Each
0.01	200	272-1051	.59
0.1	200	272-1053	.79
1.0	200	272-1055	1.19

## Tantalum High capacity. IC pin spacing. 20% tolerance.

µF	WVDC	Cat. No.	Each
33	10	RSU 11295672	1.19
220	10	RSU 11295698	3.99
150	15	RSU 11295706	5.29
10	16	272-1436	.79
10	20	RSU 11295722	1.19
22	20	RSU 11295748	1.19
47	20	RSU 11295763	2.19
6.8	25	RSU 11295789	1.19
22	25	RSU 11295805	1.89
0.1	35	RSU 11295821	1.19
0.33	35	RSU 11295847	1.19
1.0	35	272-1434	.59
2.2	35	RSU 11295888	1.19
3.3	35	RSU 11295904	1.19
5.6	35	RSU 11295920	1.19
10	35	RSU 11295946	1.19
22	35	RSU 11295961	2.19
47	35	RSU 11295987	4.89

## Variable capacitors Compact size, stable temperature.

µF	Cat. No.	Each
NEW 3pf-40pf	RSU 11919081	2.19
NEW 9pf-100pf	RSU 11880051	3.99
NEW 10pf-180pf	RSU 11919099	7.99

## Save! Capacitor multi-packs are great for experimenters and service techs

- (1) 0.1µF monolithic capacitors. 50WVDC. High capacity in a tiny size with standard DIP IC-spaced leads. 272-109 . . . . . Pkg. of 5/1.89
- (2) Picofarad 50-pack. 50WVDC. For service techs and tweekers. Hard-to-find assorted values from 1 to 33pF. 272-806 . . . . . Set of 50/3.29
- (3) Set of 100 disc capacitors. Up to 1,000WVDC. Bargain! May include NPO, Hi-Q, N750, mylar and ceramic types. Assorted values and voltage ratings. *Your cost: less than 3¢ each!* 272-801 . . . . . Set of 100/2.49
- (4) Set of 20 electrolytic capacitors. Up to 50 WVDC. Includes mini and submini sizes in a variety of values and styles to complete your parts inventory. *Your cost: less than 13¢ each!* 272-802 . . . . . Set of 20/2.49

## 1/4-watt, 5% tolerance carbon-film resistors in popular values—sold in packs of 5, each only 49¢

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
3.3	RSU 11344512	750	RSU 11344835	30k	RSU 11345154
4.7	RSU 11344520	820	RSU 11344843	33k	271-1341
6.8	RSU 11344538	910	RSU 11344850	39k	RSU 11345170
10	271-1301	1k	271-1321	47k	271-1342
15	RSU 11344553	1.2k	RSU 11344876	51k	RSU 11345196
20	RSU 11344561	1.3k	RSU 11344884	56k	RSU 11345204
22	RSU 11344579	1.5k	RSU 11344892	68k	RSU 11345212
27	RSU 11344587	1.8k	RSU 11344900	75k	RSU 11345220
30	RSU 11344595	2k	RSU 11344918	82k	RSU 11345238
33	RSU 11344603	2.2k	271-1325	91k	RSU 11345246
47	RSU 11344611	2.4k	RSU 11344934	100k	271-1347
51	RSU 11344629	2.7k	RSU 11344942	120k	RSU 11345261
56	RSU 11344637	3k	RSU 11344959	130k	RSU 11345279
68	RSU 11344645	3.3k	271-1328	150k	RSU 11345287
82	RSU 11344652	3.9k	RSU 11344975	180k	RSU 11345295
100	271-1311	4.3k	RSU 11344983	200k	RSL 11345303
110	RSU 11344678	4.7k	271-1330	220k	271-1350
120	RSU 11344686	5.1k	RSU 11345006	240k	RSU 11345329
150	271-1312	5.6k	RSU 11345014	270k	RSU 11345337
180	RSU 11344702	6.2k	RSU 11345022	300k	RSL 11345345
200	RSU 11344710	6.8k	RSU 11345030	330k	RSL 11345352
220	271-1313	7.5k	RSU 11345048	390k	RSL 11345360
270	271-1314	8.2k	RSU 11345055	470k	271-1354
300	RSU 11344744	10k	271-1335	510k	RSU 11345386
330	271-1315	11k	RSU 11345071	560k	RSU 11345394
390	RSU 11344769	12k	RSU 11345089	1MEG	271-1356
430	RSU 11344777	15k	271-1337	1.1MEG	RSU 11345410
470	271-1317	18k	RSU 11345105	1.5MEG	RSU 11345428
510	RSU 11344793	20k	RSU 11345113	2.2MEG	RSU 11345436
560	RSU 11344801	22k	271-1339	4.7MEG	RSL 11345444
620	RSU 11344819	24k	RSU 11345139	6.2MEG	RSU 11345451
		27k	RSU 11345147	10MEG	271-1365

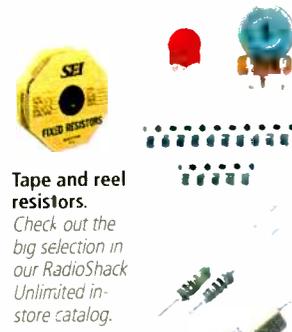


## 1/4-watt, 1% tolerance metal-film resistors in popular values—sold in packs of 5, each only 99¢

Ohms	Cat No	Ohms	Cat No	Ohms	Cat. No.
10	RSU 11345477	1.82k	RSU 11345774	17.8k	RSU 11346145
15	RSU 11345485	2k	RSU 11345782	18.2k	RSU 11346152
49.9	RSU 11345493	2.21k	RSU 11345790	20.0k	RSU 11346160
51	RSU 11345501	2.37k	RSU 11345808	22.1k	RSU 11346186
100	RSU 11345519	2.43k	RSU 11345816	27.4k	RSU 11346202
110	RSU 11345527	2.49k	RSU 11345824	30.1k	RSU 11346210
121	RSU 11345535	3.01k	RSU 11345832	34.8k	RSU 11346236
130	RSU 11345543	3.32k	RSU 11345857	39.2k	RSU 11346244
133	RSU 11345550	3.65k	RSU 11345873	40.2k	RSU 11346251
147	RSU 11345568	3.83k	RSU 11345881	47.5k	RSU 11346269
150	RSU 11345576	3.92k	RSU 11345899	51.1k	RSU 11346285
162	RSU 11345584	4.42k	RSU 11345915	56.2k	RSU 11346293
200	RSU 11345592	4.53k	RSU 11345923	68.1k	RSU 11346301
221	RSU 11345600	4.64k	RSU 11345931	75.0k	RSU 11346327
249	RSU 11345608	4.75k	RSU 11345949	90.9k	RSU 11346335
301	RSU 11345626	4.99k	RSU 11345956	93.1k	RSU 11346343
332	RSU 11345634	5.62k	RSU 11345972	100k	RSU 11346350
402	RSU 11345642	6.04k	RSU 11345980	130k	RSU 11346376
432	RSU 11345659	6.19k	RSU 11345998	143k	RSU 11346384
475	RSU 11345667	6.81k	RSU 11346004	150k	RSU 11346392
487	RSU 11345675	7.50k	RSU 11346020	200k	RSU 11346400
499	RSU 11345683	8.25k	RSU 11346038	267k	RSU 11346418
511	RSU 11345691	9.09k	RSU 11346046	301k	RSU 11346426
590	RSU 11345709	10.0k	RSU 11346061	499k	RSU 11346434
604	RSU 11345717	11.0k	RSU 11346079	511k	RSU 11346442
750	RSU 11345725	12.1k	RSU 11346087	590k	RSU 11346459
1k	RSU 11345733	12.7k	RSU 11346095	619k	RSU 11346467
1.1k	RSU 11345741	13.7k	RSU 11346111	715k	RSU 11346475
1.21k	RSU 11345758	15.0k	RSU 11346129	909k	RSU 11346483
1.5k	RSU 11345766	16.9k	RSU 11346137	1MEG	RSU 11346491

## 1/2-watt, 5% tolerance carbon-film resistors in popular values—sold in packs of 5, each only 49¢

Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-1101	330	271-1113	5.6k	271-1125
15	271-1102	390	271-1114	10k	271-1126
22	271-1103	470	271-1115	15k	271-1127
33	271-1104	560	271-1116	22k	271-1128
47	271-1105	680	271-1117	33k	271-1129
68	271-1106	1k	271-1118	47k	271-1130
82	271-1107	1.2k	271-1119	100k	271-1131
100	271-1108	1.5k	271-1120	220k	271-1132
150	271-1109	2.2k	271-1121	470k	271-1133
180	271-1110	3.3k	271-1122	1MEG	271-1134
220	271-1111	3.9k	271-1123	2.2MEG	271-1135
270	271-1112	4.7k	271-1124		



**Tape and reel resistors.**  
Check out the big selection in our RadioShack Unlimited in-store catalog.

## 12 potentiometers & trimmers

May include wirewounds and multiturns in a variety of values and styles. Set of 12. 271-1605 . . . . 2.29

**New 200-pc. surface mount chip resistor assortment.** Tiny 1/4W, 5% resistors for "micro" projects. 15 values from 10 ohms to 10 meg ohms. RSU 10524197 . . . . . 4.99

## Metal-oxide resistors

1-watt, 5% tolerance.  
10 ohms. 271-151 . . . . . Pkg. of 2/49¢  
100 ohms. 271-152 . . . . . Pkg. of 2/49¢  
1k ohms. 271-153 . . . . . Pkg. of 2/49¢

**8-ohm non-inductive resistor**  
Rated 20 watts, 5% tolerance. Useful in high-power audio hookups, projects.  
271-120 . . . . . 1.49



## Resistor assortments & more

(1) 1/4-watt metal-film assortment. 1% tolerance. Set of 50. 271-309 . . . . . Set 2.29  
5 each: 10, 1k, 10k, 100k 4 each: 47, 100, 470, 2.2k, 4.7k 1MEG 2 each: 150, 220, 15k

1/4-watt carbon-film assortment 5% tolerance. 100 pieces. 271-308 . . . . . Set 2.99  
10 each: 10, 1k, 10k, 100k 8 each: 47, 100, 470, 2.2k, 4.7k, 1MEG 4 each: 150, 15k, 220k

1/4-watt carbon-film assortment. 5% tolerance. 500 pieces—your cost is about 1.6¢ each! 271-312 . . . . . Set 7.99  
30 each: 1k, 10k, 100k 10 each: 1, 10, 100, 120, 150, 180, 220, 330, 470, 560, 15k, 2.2k, 3.3k, 4.7k, 15k, 22k, 47k, 470k, 1MEG, 10MEG 5 each: 2.2, 15, 22, 33, 39, 47, 51, 68, 82, 180, 270, 390, 510, 680, 820, 1.2k, 1.8k, 2.7k, 3k, 3.9k, 5.1k, 5.6k, 6.8k, 8.2k, 12k, 18k, 27k, 33k, 39k, 51k, 56k, 68k, 82k, 120k, 150k, 180k, 270k, 330k, 1.5MEG, 2.2MEG, 3.3MEG, 4.7MEG

1/2-watt carbon-film assortment. 5% tolerance. 100 pcs. 271-306 . . . . . Set 3.49  
6 each: 100, 1k, 4.7k, 10k, 100k 5 each: 150, 330, 470, 680, 15k, 220k, 470k, 1MEG 4 each: 180, 390, 22k, 56k, 120k, 330k 3 each: 22k, 270k

(2) Precision thermistor. Resistance changes in proportion to temperature. -50 to +110° C range. 271-110 . . . . . 1.99

(3) Horizontal-style trimmers. Micro-size. Rated 0.1W, 50VDC . . . . . Each 49¢

Ohms	Cat. No.	Ohms	Cat. No.
1k	271-280	47k	271-283
4.7k	271-281	100k	271-284
10k	271-282	—	—

(4) 15-turn trimmers. PC-mount. With adjustment screw. Rated 1/4-watt.  
1k ohms. 271-342 . . . . . 1.49  
10k ohms. 271-343 . . . . . 1.49

**Potentiometers and switch**  
(5) 1.2-watt rheostat. 25-ohm ±20% tolerance wirewound variable resistor. 271-265 . . . . . 3.49

(6) 100k-ohm stereo control. With 40% loudness tap. 1/2"-long, 1/4"-diameter shaft. Mounts in 1/8" hole. 271-1732 . . . . . 1.99

(7) 10k-ohm audio control with SPST switch. Mini size with 1/4" shaft. Fits 1/8" hole. Switch rated 3 amps at 120VAC. 271-215 . . . . . 1.99

(8) Linear and audio taper potentiometers. Mount in a 1/2"-diameter hole. . . . . Each 1.49

Linear taper		Audio taper	
Ohms	Cat. No.	Ohms	Cat. No.
5k	271-1714	5k	271-1720
10k	271-1715	10k	271-1721
50k	271-1716	100k	271-1722
100k	271-092	—	—
1MEG	271-211	—	—

(9) SPST pct switch. On/off switch mounts on rear of pots in Fig. 8 many others. 3A at 120VAC  
271-1740 . . . . . 99¢

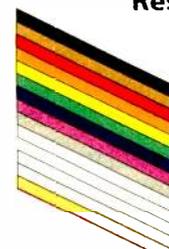
## Wirewound resistors in many popular values

Ohms	Watts	Cat. No.	Price
10	2	271-080	2/.99
0.47	5	271-130	Each .59
1.0	10	271-131	2/.99
10	10	271-132	2/.99
50	10	271-133	2/.99
100	10	271-135	2/.99

## Color-code guide speeds repairs, projects

Pocket-size guide is simple to use. Just match colors to get a fast read-out of values of resistors, capacitors and inductors. 271-1210 . . . . . 1.19

## Resistor color codes



Value	Multiplier
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Gray	8
White	9
Tolerance	
No color	20%
Silver	10% 0.01
Gold	5% 0.1

## United Against Crime

RadioShack works with the National Crime Prevention Council and the National Sheriffs' Association to provide you with answers on crime prevention. Join RadioShack and its partners to help fight crime in your community.



### We're working together to help you create a safer community

RadioShack has formed a special partnership with the National Crime Prevention Council (which manages the National Citizens' Crime Prevention Campaign) and the National Sheriffs' Association in order to provide you with answers for security. By watching out for ourselves and helping one another, we can reduce violence, drug abuse and other crimes. If everyone takes action and works together, your community can become a safer, more desirable place to live and work. Simple answers to personal safety issues can be found at your nearby RadioShack. Just look for the "United Against Crime" in-store display. You'll find informative pamphlets on all sorts of safety-related topics.

#### ... and now on the Internet

As the United Against Crime campaign continues, new media are being used to bring this necessary and viable information to an even wider audience. Through video, and now by way of the Internet, more people have access to information.

Visit the United Against Crime Web site at:  
[www.unitedagainst.com](http://www.unitedagainst.com)



# Crime Prevention Answer Center

Located at RadioShack stores nationwide, the Crime Prevention Answer Center is an in-store resource center containing crime prevention literature. You can get information on simple steps to take and obtain resource guides on a number of key subjects.



## United Against Crime Network videotapes

RadioShack hosts quarterly crime prevention teleconferences available to law enforcement, city and school officials, plus the public at large. See store manager for details.

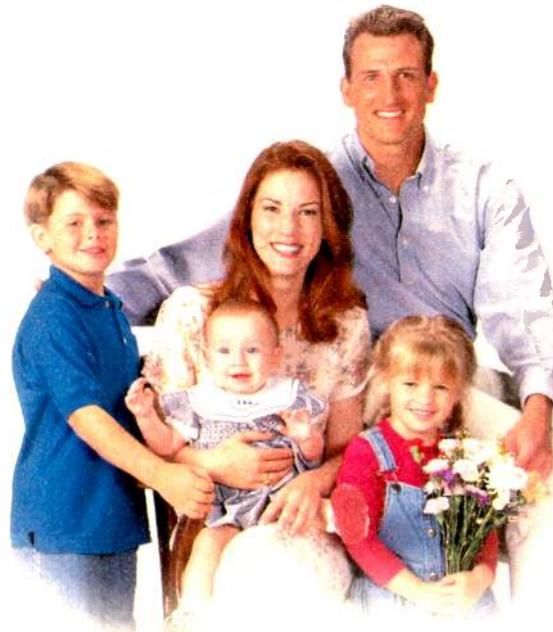
## Crime prevention brochures

We offer a line of FREE crime prevention brochures which address topics such as protecting kids from crime and violence, helping a friend with drug and alcohol problems and domestic violence.



### "How can I make travel safer and more enjoyable?"

This pamphlet contains simple safety practices that can help you avoid serious problems when you travel.



### "Safer communities, brighter futures."

This UAC Network videotape focuses on community involvement in crime prevention activities and strategies that have reduced crime.



### "How can I help get a Neighborhood Watch started?"

Neighborhood Watch groups can be a great defense against local crime. This brochure covers topics from getting started to getting organized. Includes key points to heighten citizen awareness.



### "How can I make my home safer?"

If you're locked out of your home, can you still get in? If you can, so can a burglar! This pamphlet works well as a home security checklist and outlines helpful topics such as locks, doors, lighting and more.

### "How can I protect kids from crime and violence?"

Kids today need to know common sense rules that can help keep them safe and build the self-confidence they need to handle emergencies. This pamphlet offers many valuable tips as well as suggestions for opening up important lines of communication.



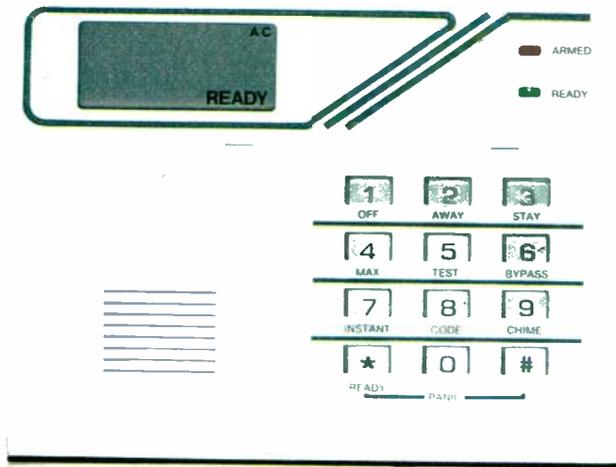
**RadioShack**  
You've got questions. We've got answers.®



## ADT — America's #1 Choice in Home Security Service is at RadioShack

### ADT home security service provides protection for your home

Want to provide your home and family with the utmost in security? Come in to RadioShack today and talk with one of our sales associates about ADT home security. We'll give you all the information you need and put you in touch with an ADT representative who will assess the needs for your home, provide professional installation and deliver 24-hour-a-day monitoring for optimal security. All ADT Customer Care Centers are staffed by professionals who are trained to react to signals coming from your home and notify the appropriate authorities to provide the help you need. ADT equipment and services can monitor signs of break-ins when you're at home or away. During emergencies, ADT can notify police and fire professionals, yourself or other family members. ADT can also give notification of heating failures and water damage. With an ADT system, help can be readily available.



### ADT Safewatch® Pro monitored home security

The number one provider of electronic security service in the US, UK and Canada offers RadioShack customers America's most popular electronic security service. Safewatch can be fully customized to meet the needs of you, your home and your family. ADT provides affordability and adaptability for all styles and sizes of homes. And now, ADT introduces our personalized paging feature which enables you to stay informed of your home's status even when you're on the go. ADT provides 24 hour-a-day monitoring by an ADT Customer Care Center. ADT yard sign and window decals let thieves know your home is covered by the best in professionally installed and monitored home security.

#### Personalized Benefits Include:

- Six-month risk-free Service Excellence Guarantee
  - A free basic system should you relocate
- Discounts of up to 15% on your Homeowner's Insurance
  - And much more!

Visit your participating RadioShack store for additional information.

### Ask one of our sales associates about ADT

Look for the ADT display at participating RadioShack stores. A sales associate will be happy to explain the advantages of having 24-hour monitored home security.

#### QUESTION:

What are the advantages of professionally-installed monitored home security?



#### ANSWER:

With professionally installed home security, you avoid any do-it-yourself installation. You're provided with a fully functional alarm, guidance on the use of your equipment from your installer and 24-hour professional monitoring, at about the same price as a do-it-yourself system.



Still not sure you need ADT security? Take a look at some of the people ADT helps safeguard: 390 of the Fortune 500 companies, government agencies and over one million residential customers!



Security for Life™

**Install your own wireless security system and get professional 24-hour monitoring at a low monthly price!**

A great security combination: a complete wireless home security system with 24-hour professional home monitoring; all at a price you can afford. There's no long-term contract and you may qualify for an insurance discount.



**Wireless security system for use with 24-hour monitoring service**

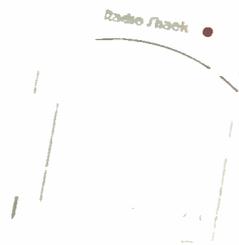
Just plug the security console into an AC outlet and phone line, mount the window/door sensors, the motion detector and lamp module—then relax! There are no long wires to run, plus no installation fee. When activated, the console sounds an alarm,

flashes a lamp and calls the monitoring station. Includes a console, two remote sensors for doors/windows, a wireless motion detector, a lamp dimmer module and 2 remote controls. Expandable up to a 16-zone system. May qualify for insurance discount. Plug 'n Power compatible. Requires one 9V, 8 "AA" and 6 "AAA" batteries. (TSP) **49-2570** ..... **249.99\***  
**Motion sensor.** Detects body heat and motion. **RSU 11479490** ..... **59.99**  
**POWERHORN® Siren.** **RSU 10037638** ..... **49.99**  
**Keychain remote.** **RSU 10037687** ..... **19.99**

**Wireless door/window alarm transmitter**

When properly mounted at door or window location, it senses opening and triggers your alarm system. For use with Plug 'n Power-compatible wireless home security systems. Requires 2 "AA" batteries.

**49-2585** ..... **19.99**



**Simple, plug-in protection! 1-piece alarm for use with 24-hour monitoring service**

Finally, a real security system you can easily use in an apartment, mobile home, or dorm room! Like our other wireless security systems, you simply plug it into an AC outlet and your phone line. When triggered, the system sounds an alarm and calls the professional monitoring station. The monitoring company calls your home and, if necessary, notifies help immediately—it's that simple! Arm/disarm the system with any Touch-Tone phone. Requires 9V battery for backup. (TSP)

**49-351** ..... **149.99\***



**Emergency system for use with 24-hour monitoring service**

One-touch help for anyone who is ever home alone! The "heart" of this system is a pendant that can be worn around the neck. When the call button is pressed, it sends a signal to the console which dials the monitoring service, sounds an alarm and flashes any lights hooked to Plug 'n Power light modules. The monitoring service notifies the proper authorities. To install, simply plug into an AC outlet and telephone jack. Works with either Touch-Tone or rotary service. Requires 9V battery for power backup. (TSP)

**49-2575** ..... **149.99\***

Chain not included  
 Plug 'n Power compatible!

**QUESTION:**

**What are the advantages of a do-it-yourself monitoring system? Does it have the same capabilities as a professionally installed system?**



**ANSWER:**

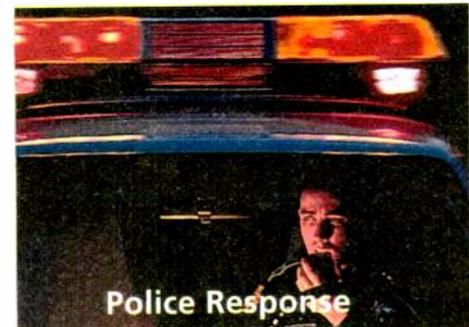
By installing a monitoring system yourself and connecting with Orca Monitoring Service you get 24-hour protection and customer service equal to that of a professionally installed system—all at a lower monthly cost. Additionally, no salesman or installer will come to your home, and there's no long-term contract to sign.



When you leave your home, you need to know everything will be all right. And, when you're sleeping, you deserve to rest easy. Make sure you, your belongings and those you love are covered—with a monitored home security system. With our monitored wireless security systems it's never been so easy!



Orca professional 24-hour monitoring services, in conjunction with your RadioShack home security system, work as a "watchful neighbor." In the event of a break-in, your home security system dials Orca monitoring service, which calls the police and any persons you may include on an emergency list.



If a break-in occurs, there's only one thing better than a piercing alarm: quick police response. Professional monitoring helps ensure that the police will be alerted when an alarm is triggered.

**ORCA**  
 MONITORING SERVICES

Orca Monitoring Service 1-800-FOR-ORCA (367-6722). 24-HOUR SECURITY

\*Monitoring is provided by Orca® Monitoring Services for an additional monthly fee. Orca® is a registered trademark of Orca Inc. All our AC-connected controllers, timers and modules meet electrical standards set by Underwriters Laboratories.

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlim-itedSM. Shipping and pricing information on page 4.



# We Help Keep Your Home Safe & Sound

RadioShack wireless security systems provide affordable, expandable protection for your home and family without requiring any special wiring.

Our Plug 'n Power-compatible system also delivers convenient automation of lights and appliances when you use available remote modules.



Simple to set up—no assembly needed. Works right out of the box.



When sensors are tripped, alarm sounds and a light plugged into a remote lamp module flashes on and off to attract attention.



Handheld remote makes it easy to control your security system, as well as lights and appliances in and around your home.

The security console monitors your home by using radio signals to communicate with remote sensors. No wires to run—ideal for apartments, condos and mobile homes.



**ULTRALIFE® 9V battery**  
9V lithium battery for extra long life in smoke detectors and other security products that require a truly reliable 9V battery.  
23-665 ..... 6.99



Plug 'n Power compatible



System includes controller console with auto dialer, motion detector, two door/window sensors, lamp module, handheld remote and key-chain remote

## Wireless security system

Protect your home and family with this Plug 'n Power compatible security system. Just plug the console into AC outlet and a phone line, mount door/window sensors and motion detector.

No wires to run, no installation fees. If an intruder sets off door or window sensor or motion detector, an alarm sounds and flashes lamps plugged into remote modules. Plus, an auto dialer calls up to four phone numbers of family or friends, or you at work, and plays your prerecorded message. The phone called can then listen to sounds inside your house. Expandable—add sensors to cover more doors, windows and rooms. Requires one 9V, 8 "AA" and 6 "AAA" batteries. UL listed AC. (TSP) 49-2551 ..... 199.99  
White wall-mount bracket. RSU 11461936 ..... 6.99



## Add more wireless security to your system

### Accessories for 49-2551 & 49-2570 (page 203)

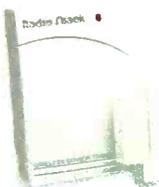


**Automatic outdoor floodlight and Plug 'n Power command center.** Motion detector. Operates independently of alarm system. RSU 10037604, 49.99

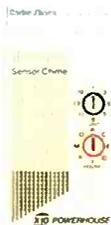
Bulbs not included



**Motion detector.** Infrared motion detector sets off security system when it detects body heat and motion. Completely wireless—great for apartments or condos. Available in beige or white. Beige, RSU 10037646 ..... 59.99  
White, RSU 11479490 ..... 59.99



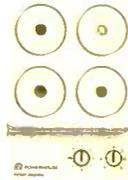
**Door/window sensor.** Adds alarm protection to extra door or window. Uses 2 "AA" batteries. 49-2585 ..... 19.99



**Chime/beeper.** Pleasant chime announces visitors and alerts you to intruders. Ideal for use with motion-sensing floodlights. Operates independently of alarm system. White, RSU 10037695 ..... 24.99



**Keychain remote.** Arm and disarm system, turn lights on/off as you leave or enter your home. Also includes a panic button. RSU 10037687 ..... 19.99



**POWERHORN® Siren**  
Add a loud 110dB siren to your security system. There is no extra wiring involved—simply plug into your home AC outlet. White, RSU 10037638 ..... 49.99

### Accessories for the 49-2011 system (not shown)



Door/window transmitter. 49-2015. . 29.99



Wireless motion detector. RSU 10274561, 59.99



Smoke-alarm siren detector. RSU 10274553 ..... 24.99



Keychain remote control. RSU 10037133 ..... 24.99

# Alarms, Timers and Other Specialties

RadioShack "specializes" in products you don't find everywhere... personal alarms for added security when you're out, wireless door chimes for home or business, a smoke alarm with a "hush" button, and timers that never forget your schedule!



### "Quiet reset" smoke detector/alarm

Smoke detectors might tend to all look alike, but ours has a special feature you'll appreciate... a "hush" button that lets you silence and reset the alarm when it's been activated by non-emergency smoke. So grill up a special dinner, light up the candles and enjoy a quiet evening. You'll still have reliable, 24-hour protection to alert you. Meets or exceeds all normal fire-code standards. Includes 9V battery. 49-466..... 11.99



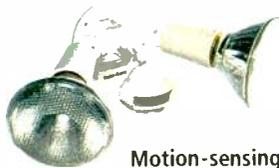
**Personal alarm with strobe.** Protection you can carry anywhere. When wrist strap is pulled out, a loud 110dB alarm sounds and bright strobe light flashes. Strobe can also be flashed by sliding a switch. Requires 3 "AA" batteries. 49-220..... 24.99



**Personal alarm.** Just pull the key from its slot and the loud 120dB siren sounds to startle and deter thieves. Great for joggers, walkers, night workers or people carrying valuables. Requires 9V battery. 49-417..... 9.99



**Personal alarm/motion detector.** Blasts loud alarm to startle attackers and call for help. Place near window or door—motion detector warns of intruders. Built-in flashlight. Great for travelers. Requires 9V and 2 "AA" batteries. 49-415..... 14.99



Bulbs not included

**Motion-sensing indoor/outdoor twin floodlights.** Lights come on automatically when someone approaches. Deactivates during daytime. Manual override. 300 watts. Bulbs not included. 61-2606... 19.99



**New Reflective tape.** This self-adhesive tape reflects light to make it easy to see in the dark. A great safety tool for marking wires and cables or for marking steps or walkways. 1 in. x 2 ft. 64-2357... 3.99



**Wireless door chime and remote pager combo.** Use as doorbell or remote pager. Just push a button to signal receiver. Requires 9V and 3 "AA" batteries. 63-874..... 19.99



**Wireless door chime.** Extended range. Two different chime sounds—choose one for front door and one for rear door. Requires 4 "AAA" and 2 "AA" batteries. 63-872..... 27.99  
**Extra receiver.** RSU 11267671..... 17.99



**7-day, heavy-duty digital timer.** Up to 6-on/6-off daily settings per 7-day period. LCD clock readout, random time setting, manual override. Requires 1 "AA" battery. 3-prong grounded plug. 61-1065..... 29.99



**24-hour digital timer.** Set any of the four "on" or four "off" times to occur any time during a 24-hour period. LCD display. Manual override. Requires 1 "AA" battery. 61-1060..... 24.99



**New Heavy-duty, grounded, air conditioner/appliance timer.** Set up to three daily on and off times for an air conditioner, heater, other appliance or lamp. Auto/manual operation. 61-1071..... 15.99



**New Multisetting lamp and appliance timer.** Program lights or appliances to turn on/off up to 24 times a day. Provides night and day protection for your home. 61-1069..... 10.99



**Clock-face timer.** Two on and two off settings per day. Easy-to-set time-of-day clock dial. Automatically controls lamps and appliances. Manual override. 61-1070..... 11.99



**New Mini plug-in lamp and appliance timer.** Makes your home look lived-in. Program lights or appliances to turn on/off up to 2 times during a 24-hour period. 61-1068... 7.99



**24-hour, heavy-duty, 15-amp outdoor timer.** Provides all-weather control of outdoor lighting, displays, signs, more. Set up to 2 on/off settings per day. 15 amp. 61-1075..... 22.99

## From our flashlight collection... more on pages 284 & 285



### Wand flashlight

Highly visible. Ideal for directing traffic or for kids to carry at night. Cone detaches for normal use. Requires 2 "D" batteries. 61-2516..... 3.99



### Krypton flashlights with batteries

Combo pack includes one 2 "D"-cell flashlight for home or car and one 2 "AA"-cell flashlight for purse or pack, plus heavy-duty batteries for both. Krypton bulbs produce brighter, whiter light than ordinary bulbs. 61-880..... 11.99

All AC-connected products meet UL electrical standards

### SECURITY ACCESSORIES

See Index for these listings:

Alarms • Home Automation • Plug 'n Power • Remote Controls  
Security Equipment • Video Surveillance System • Dialers • Wire and Cable

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4





Camera has 6 built-in LEDs that help illuminate dark areas—without visible light



System scans up to 4 cameras so you can see more of what's going on around your home/business

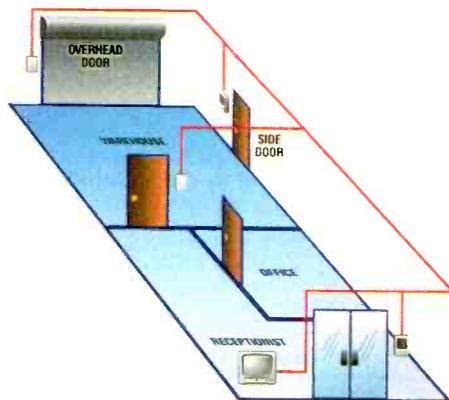
**4-channel audio/video observation system**

A complete audio/video observation system that adds safety, security and convenience to your home or business. At home, see and hear baby's room or any other room from somewhere else in your home. Businesses can monitor storerooms, warehouses, entry/exit-ways or reception area from one central location. System includes one camera and a 10" 800-line-resolution black-and-white monitor. CCD camera provides a superior picture even in low light—perfect for areas under after-hours lighting conditions. Built-in speaker and microphone on both camera and monitor let you have two-way conversations with the person at the camera. As your needs expand, you can add up to three more cameras to monitor a total of four different areas. Monitor sequentially scans each camera in any order or you can custom-program by deleting cameras from the viewing sequence. You can also select individual cameras at the touch of a button on the monitor control panel. Programmable pause feature lets you set the pause time at each camera from 1 to 60 seconds. Monitor has audio/video in/out jacks for easy connection to your VCR for sound and video record and playback on the monitor or a TV. UL listed AC. For indoor use only. (TSP)

- 49-2501 ..... 399.99
- Extra CCD camera. With built-in speaker, condenser mic and 60-foot cable. (TSP) 49-2502 ..... 199.99
- 100-foot cable. RSU 10451284 ..... 44.99
- 300-foot cable. RSU 10451292 ..... 129.99
- Cable adapter. Joins two cables. RSU 10451268 ..... 9.99

**Keep a Close Eye on Things Important to You**

Our video observation systems are designed for easy installation, and we've got the one you need. Whether you want to be sure junior is happy or need to keep inventory and traffic under observation, our salesperson can demonstrate how reliable and easy to use these systems are.



**Video observation warning decal**

Make trespassers, thieves and vandals think twice. Draws their attention to your surveillance system... a low cost and effective deterrent. 2 1/2 x 3 1/2" decal applies on inside of window for visibility to anyone on the outside. 49-2503 ..... Pkg of 4/1.49



**New Simulated security camera—you'll be the only one that will know it's not real!**

Put fear where it belongs... in the minds of the criminals. This simulated security camera looks and mounts like a "real" security camera to take advantage of a trespasser's worst fear—getting caught! This detailed unit is an affordable and effective deterrent to theft and intrusion. Trespassers see the camera and think again about robbing your home or business. Realistic appearance completes the package—indicator light flashes for "operational look" (light flashes for approximately 4 1/2 months on 2 "C" batteries); "dummy" coaxial cable connects to camera unit and looks like a functioning cable. Includes wall plate and all required mounting hardware. Batteries not included.

- 49-2549 ..... 29.99

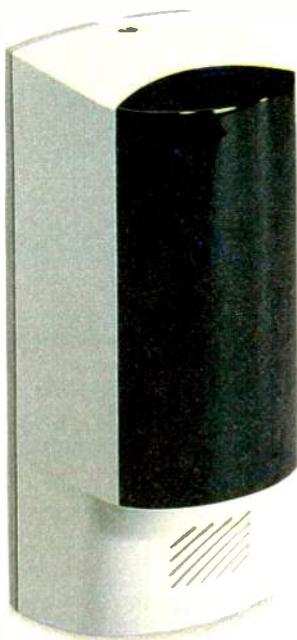
**SECURITY ACCESSORIES**

See Index for these listings:

- Alarms • Monitored Security Equipment, Home, Metal Detector, Mobile, Home Automation • Video, Cables • Remote Controls

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited™. Shipping and pricing information on page 4.





Great for home or businesses.

**Invisible-beam entry alert**

Adds an extra measure of security for home or business. Helps your business provide prompt attention to customers—when the beam is broken, the sensor triggers the built-in buzzer. 50-foot-wide coverage. Expandable—add a security dialer or external alarm. Reflector and UL listed AC adapter. 7½×3×3". Backup requires 12V lantern battery.

49-311 ..... 69.99



**Panel-mount counter**

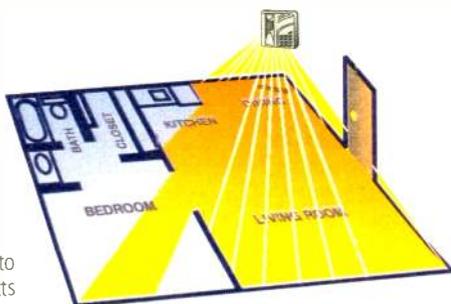
Use with our invisible-beam door entry alert to count up to 999,999 instances of entry or exit. Electromechanical counter is advanced by external 12VDC pulse. **RSU 11453487** ... 19.99

**Stand-alone motion detector/alarms**



**Motion detector alarm**

An inexpensive way to announce visitors. Switch to alarm mode to guard the door. When sensor detects motion, it sounds a 90dB alarm to startle and deter intruders. Up to 30-foot range, 60° detection angle. Also great for travel—fits in purse or briefcase. Requires 9V battery. **49-425** ..... 24.99



Our motion detectors cover any room in your home

**Motion detector alarm**

Infrared motion detector senses motion in its zone of coverage and activates a loud alarm when movement is detected. User-programmable security code lets you set your own arm/disarm code and change it as often as you like. Sensitivity control lets you adjust the system to reduce or expand the sensor's range. Entry/exit delay gives you time to arm or disarm the system before the alarm sounds. Battery operated so it works even if electrical power is off. Requires 8 "AA" batteries. (TSP) **49-330** ..... 69.99

**Passive infrared motion alarm**

Place on bookshelf or desk and plug into AC. Detects motion and body heat—blankets coverage area in an "invisible" protective field. When an intruder is detected, sensor triggers an 85dB alarm. Entry/exit delay. Auto-shutoff and auto-reset. Has 8 terminals which allow connection of external alarm, remote switch and dialer. UL listed AC. Backup requires 8 "C" batteries. (TSP) **49-320** ..... 99.99

**Make Sure You're Covered**

A motion detector alarm is a great home or office security device. It will alert you when someone enters the coverage area.



**Body scanner/metal detector**

For security use in schools, courtrooms, nightclubs, etc. Can detect concealed weapons or smaller items like coins and hat pins. Responds to metal with an audio alert and indicator light. 3×16×1¾". Requires 9V alkaline or rechargeable battery. Earphone jack. (TSP) **63-3010** ..... 99.99

**Who's minding the door?**

**Door alarm and entry chime**

Alerts you with chime or alarm when door is opened. Three-digit security code arms, disarms the system. Change codes as often as you like—up to 720 possible combinations. Battery operated. 6½×2¾×1¼". Requires 9V alkaline battery. **49-422** ..... 25.99



**Electronic door alarm**

24-hour "electronic sentry." Mounts on window or door. Loud alarm—105dB. Key-operated on/off switch. Choose instant alarm or exit/entry delay so you can leave or enter the house without activating the alarm. 5½×2¼×1¼". Requires 9V alkaline battery. **49-421** ..... 14.99



Warning label can be seen through window

**Stick-on window/door alarm**

Adheres to any smooth glass window or door surface. An abrupt shock or vibration activates super-loud 120dB siren. Self-contained, no wiring needed. High/low sensitivity setting, hidden on/off switch, low-battery LED. Back side has warning label that can be seen through window. Requires 9V battery. **49-406** ..... 12.99

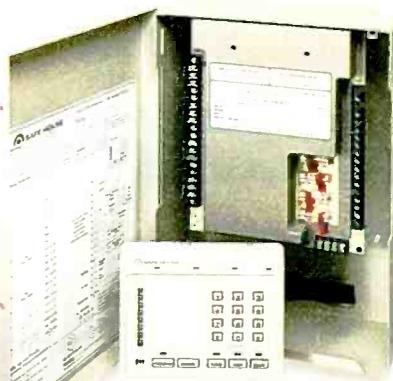


# Home Protection

Feel safer at home or while you're away with an affordable security system you can install yourself to protect your home, family and valuables.



Secure all your doors and windows to optimize your home security system. For more products, see our RadioShack Unlimited catalog.



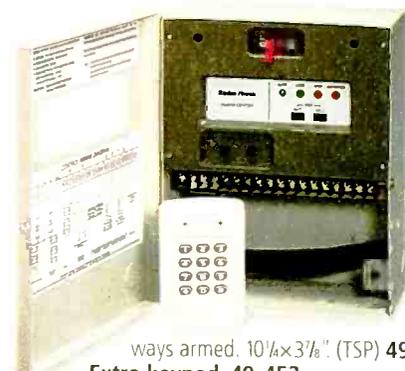
## 8-zone burglar and fire alarm control center

Seven burglar alarm zones are fully programmable. Each may be set for entry/exit delay or instant operation. Fire zone alerts you when a smoke or heat detector senses trouble. Panic function lets you manually sound the alarm. Digital remote keypad lets you set your own security codes and

control all functions from a convenient location. You can add a tamper switch to guard valuables, up to three more remote keypads, an auto-dialer to call for help, and other sensors or sirens. 13x19 1/2 x 3 1/4". (TSP) 49-485 ..... 199.99

### Extra remote keypad

Arms, disarms and programs system. RSU 10451318. .... 34.99



## 2-zone burglar alarm control center

Two alarm zones to chase off intruders—one instant and one with a variable entry/exit delay. Includes digital remote keypad to control system and you can add up to three more keypads and a remote dialer. Panic/tamper circuit is always armed. 10 1/4 x 3 3/8". (TSP) 49-451 ..... 129.99

Extra keypad. 49-452 ..... 22.99

Backup battery. 23-289 (12 volts) ..... Each 24.99



RadioShack wired-type security equipment meets or exceeds UL standards.

### ATTENTION INSTALLERS!

Get a 10% discount when you purchase 3 or more of our wired control panels.

### Contact switches

**Magnetic switch.** Wired for standard door and window applications. Normally closed. UL listed.

49-532 ..... 4.99

**Magnetic switch.** Same as 49-532, but has normally open contacts. UL listed.

49-533 ..... 5.99

**Mini magnetic switch.**

For smaller windows. Normally closed. UL listed.

49-497 ..... 3.99

**Press-fit switch.** Ideal for storm doors and utility access areas. For normally closed loops. UL listed.

49-505 ..... 5.99

**Spacers.** Align/position switches on a metal frame, door, window.

49-539 ..... Pkg. of 6/1.49

**Concealed magnetic switch.**

Mounts inside door or window frame. Normally closed. UL listed.

49-496 ..... 3.99

**Wide-gap switch.** Ideal for sliding glass doors. Normally closed. UL listed.

RSU 11625571 ..... 6.49

### Foil, contacts and breakage sensor

**Burglar alarm window foil.** Conductive, attaches to glass for normally closed circuit. Contains lead.

RSU 11912409 ..... 7.49

**Self-adhesive foil connectors.** Mount directly on glass. Designed to reduce ground shorts. Durable base.

RSU 11898475 .. 5 Pair/5.99

**Garage door contact switch.** Protect valuable tools and lawn equipment. Normally closed.

RSU 10037422 ..... 21.99

**Sliding window/door contact.** For use with foil or glass breakage detector. Allows normal use of door or window.

49-518 ..... 4.99

**Glass breakage detector.** Protects up to 32 sq. ft. of glass. UL listed.

49-516 ..... 8.99

**Alarm wire.** Stranded 2-conductor wire, 22 gauge twisted pair. For residential in-wall use. Color coded.

300 feet. 278-863 ..... 27.99

100 feet. 278-862 ..... 9.99

### Switches and vibration detector

**Panic switch.** Perfect for bedrooms. Instantly triggers your alarm system. Normally open, press-to-close.

49-517 ..... 1.49

**Contact switch.** For window or door frame. Normally closed. With terminals, hardware. UL listed.

49-513 ..... 1.49

**Tamper switch.** Use with alarm panel, siren or bell box to protect valuables. Normally open. UL listed.

49-528 ..... 1.99

**Vibration detector.** Detects impact vibrations. Adjustable sensitivity. For normally closed loops. UL listed.

RSU 11900479 ..... 3.99



Add extra security to your alarm system for peace of mind.

**Infrared motion sensor detects body heat**



Dual-element design extends coverage, virtually eliminates false alarms. Has 12 upper/lower detection zones. When intruder crosses a zone, sensor sets off alarm. Shielded to prevent problems from radio interference. Adjustable pulse counter. Mounts on wall or ceiling. Requires 12VDC at 20mA. (TSP)

49-550 ..... 59.99

**Infrared sensor with miniaturized design**



Four lenses let you customize it for the area you want protected, depending on sensitivity needed (less susceptible to tripping by pets!). Sets off alarm if tampered with. Wall mount. Requires 12VDC at 25mA. (TSP)

49-208 ..... 39.99

**High-power two-sound burglar siren**



Choose from a loud, pulsating rise-and-fall tone or a steady tone—two-circuit systems can use both. Weather resistant for indoor or outdoor use. Requires 6-12VDC at 1 amp. (TSP)

49-525 ..... 39.99

**Siren and strobe**



Brilliant dual strobe light and 115dB siren connect to system to alert police and neighbors. Weather-resistant housing.

49-478 ..... 21.99

**Round lock key switch**



Momentary contact. Two keys.

RSU 11898509 ..... 9.99

**On/off type**

Locks into either off or on position.

49-511 ..... 9.99

**Covered on/off key switch**



Arm or disarm your alarm system. Locking key switch. Protective die-cast, spring-loaded cover. For use in car or home-alarm systems with on/off switching. Includes two keys. 49-515 ..... 4.99

**Digital keypad**



Programmable 4-digit code to arm/disarm system. Status lights, panic circuit, tamper switch. Connects to alarm by serial bus. For use with 49451/485. UL listed.

49-452 ..... 22.99

**Electronic buzzer**



1 1/16" mounting center. 12 volt, 15mA max. 75dB, 300-500Hz.

273-055 ..... 2.59



**Infrared photorelay sensor system**

One-piece receiver/transmitter projects an invisible beam of infrared light to the reflector which you can place up to 30 feet away—across

a doorway, garage door or other entryway. When beam is broken, the sensor triggers your alarm system. With mounting hardware. Requires 12VDC at 60mA. UL listed. (TSP) 49-551 ..... 39.99



**Smoke sensor triggers security alarm system**

Triggers your security system and sounds a loud built-in alarm when it detects smoke or combustion particles. Must be powered by control center,

cannot be used alone. For wall/ceiling. Includes mounting hardware. Requires 12VDC at 20mA.

49-481 ..... 39.99

190° Heat sensor. RSU 10037356 ..... 6.99

135° Heat sensor. RSU 10037349 ..... 6.99

**Two-sound electronic siren**



For indoors or out. Great for home systems or car alarms. Simple to install. Capable of creating two distinctive sounds—steady and

rise-fall. Weather resistant. 12VDC, 550mA.

49-488 ..... 22.99

**Strobe light**



Super-bright flashing light helps emergency workers locate your home quickly. Requires 12VDC at 0.2 amp. 49-527 ..... 24.99

**Indoor two-sound piezo siren**



High-efficiency piezo circuit designed for most residential alarm systems. Rise-fall "yelp" and "steady" tone. Mounts on wall or ceiling. 12VDC, 0.36 amp. 49-490 ..... 14.99

**Digital keypad for alarm systems**



Eliminates need to carry key—programmable (10,000 combination) code for entry/exit. Panic circuit, status lights, tamper switch. Replaces on/off key-switches. UL listed. 49-537 ..... 22.99

**Piezo buzzer**



Pulsating or continuous. 4 to 28VDC, 10mA. 80dB, 2900Hz. 273-068 ..... 8.49

*We'll Help You Keep Your Home Secure*

*From sirens to yard signs, let RadioShack show how you can have "peace-of-mind" security for you and your family.*



**Dialer calls up to three numbers**

Connect to your alarm system to auto-dial up to three phone numbers and

play your recorded message when alarm system is triggered. Set it to call a friend, your work number or neighbor so authorities can be notified. Switchable monitor to disable speaker so intruders can't hear it. Messages are stored in solid-state circuitry for reliability—no tape mechanism to break down. Uses alarm system power for backup. UL listed. (TSP)

49-434 ..... 89.99



**Universal Plug 'n Power interface**

Allows alarm system to flash home lighting connected to Plug 'n Power equipment to startle intruders and attract attention. See pages 212-

213 for Plug 'n Power products.

RSU 10037745 ..... 19.99



**Security alarm yard sign**

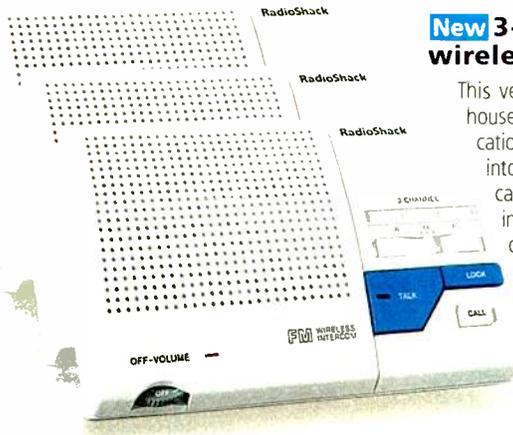
Place in a prominent place on your property to let intruders know your home is protected. Highly visible sign with durable aluminum stake. 49-501 ..... 5.99



**Warning decals**

Deter potential intruders by warning that your property is protected by a security system. 49-507 ..... Pkg. of 4/1.49





**New 3-channel, 3-station wireless FM intercom**

This versatile system uses your existing standard AC house or business wiring for the ultimate in communication and monitoring needs. Simply plug each station into an AC outlet and press the talk bar to speak. A call tone alerts one station that a message is coming in. Three-channel operation lets you talk with one station, or allows communication through all three stations at once. The talk-bars lock for convenient hands-free use. Quiet FM operation reduces interference and noise. Move units from room to room or add more sets to expand the system. 6½×4×1½". UL listed AC. (TSP)  
**43-490 . . . . . Set 99.99**

**Keep in Touch at Home/Office**

*With RadioShack's wireless intercoms, you can stay in constant communication with your family throughout your home. And they're great for office use as well!*



**2-station phone-line intercom**

Simply plug into modular telephone jacks for communications between two rooms—uses the existing phone line for clarity surpassing FM systems without interfering with regular telephone use. Hold button places telephone calls on hold—when an extension is picked up, hold is automatically released. Features call button to alert the other station, plus locking talk-bar for continuous room monitoring. For desk or wall. Easily expandable by adding more stations. 16½×4¾×1¾". (TSP) **43-483 . . . . . Pair 49.99**



**3-channel, 3-station system**

Simply plug each station into an AC outlet and press the talk-bar to speak. Three-channel operation lets you talk with one station or all at once for 3-way conferences. Talk-bars lock for hands-free use or room monitoring. FM operation reduces interference and noise. Volume control. You can easily move units from room to room or add more sets to expand the system. 4×5½×1½". UL listed AC. (TSP)  
**43-219 . . . . . Set/99.99**



**Cordless monitor**

Rechargeable baby room monitor lets you listen in on your child when you can't be in the room. The transmitter is a rugged one-piece unit that can take a tumble from a dressing table or night stand. The portable receiver rests in its own rechargeable cradle and includes a belt clip with hanging slot. Transmitter uses 4 "AA" batteries or an AC adapter. Transmitter, 4¾×2¾×5½". Receiver, 2¼×1¼×4". Charger, 3¾×2½×2¼". (TSP) **43-489 . . . . . Set 49.99**



**2-station wired intercom**

Battery powered for noise-free conversation in home, office, warehouse, camper or boat. Lets you send a signal to the other station, even when that station is turned off. Talk between stations or use it to monitor another part of the house, such as the baby's room. Installation is quick and simple. Master unit has volume control. Set on desk or mount on wall. Comes with 66-foot cable. Each unit is 4½×3¾×1½". Requires 9V battery.  
**43-222 . . . . . Pair 14.99**



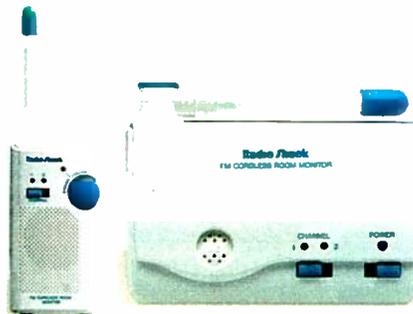
**2-station wireless intercom**

This attractive system is easy to set up and use—just plug into AC outlets. Room monitor function lets you keep an ear on an unattended room. Call button pages the other station. With power and talk/lock indicator lights. 4¾×6¾×1½". (TSP)  
**43-486 . . . . . Pair 39.99**



**2-station wireless intercom**

Call button alerts the other station. Lockable talk-bar allows continuous monitoring. FM operation. 4×5¾×1½". (TSP) **43-204 . . . . . Pair 39.99**



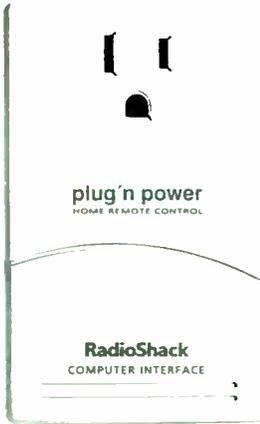
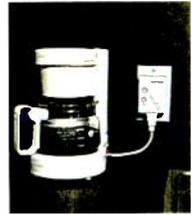
**Cordless monitor for baby's room**

This one-way intercom doubles as a security monitor for a child or dependent person's room. Both the transmitter and receiver feature omnidirectional antennas for the clearest possible sound, plus two selectable frequencies to help prevent signal interference. Just plug the transmitter into any AC outlet with the included AC adapter. Battery-operated receiver clips to your belt or pocket. You can also power it with its included AC adapter for stationary use. Both adapters UL listed AC. Receiver requires 9V battery. Transmitter, 4¾×2¾×1½". Receiver, 2½×4¾×1½". (TSP)  
**43-487 . . . . . Set 39.99**





The easy way to start your day! With just the touch of a few buttons, you can quickly flip on the kitchen lights, start a fresh pot of coffee, adjust the thermostat and switch on the TV or stereo for the morning news . . . all from the comfort of your bed or anywhere else in or around your home. And when you leave for work, one button turns it all off. No installation necessary! Just plug it in, and it's ready to work. Plug 'n Power controllers use your home's existing electrical wiring to send signals to remote modules you've connected to lights and appliances. You can automate your entire home without running a single wire!



### Give your computer control

Ultimate Plug 'n Power controller! This computer interface with Windows-compatible CD-ROM software lets you program your lights, appliances, entertainment equipment and more with optional modules and controllers. Routines allow you to control several items with one command. A "good morning" routine could switch your bedroom light on the dim setting, start the stereo and coffee pot, and turn on the lights in the kids' room, all programmed to happen at a predetermined time with a single command from your computer. Battery backup. Software and connecting cable included. Requires 2 "AAA" batteries. **61-2417 . . . . . 49.99**

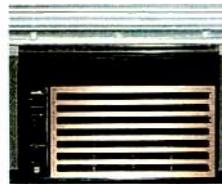
### Plug 'n Power® is easy to set up—anyone can do it!

All Plug 'n Power accessories are compatible with many other home automation systems such as: IBM's Home Director™ • Safety 1st • HomeLink • Stanley • Magnavox • X-10 • And many other modules and controllers!

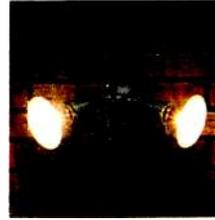
Control sprinkle system from inside the house.



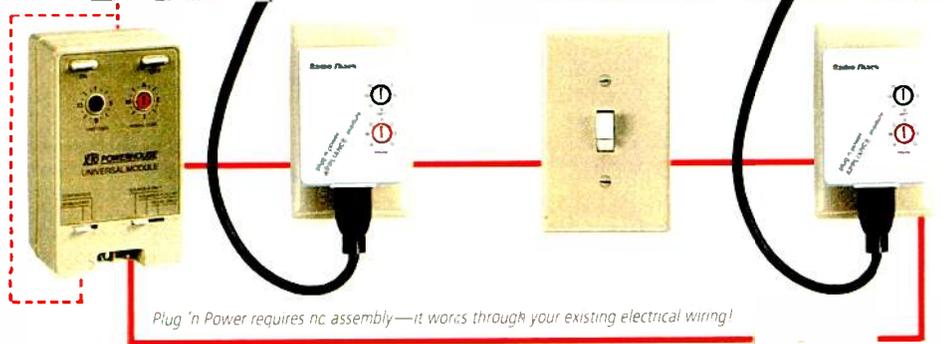
Have the air conditioner turn on at a specific time



Motion detector turns off/on exterior and interior lights.



Have interior lights turn on automatically at sunset.



Phone controller lets you control devices from any touch-tone phone

A simple phone call turns it on



15-button command center controls the entire house



### New Programmable control center with timer gives your home a "lived-in" look

Sends signals over your existing house AC wiring to Plug 'n Power modules (sold separately). To help deter burglars, you can program it to switch lights on and off automatically at preset times, as well as radios, televisions and other appliances. Or, you can control lamps and appliances from your bedside table or another place in your home. A security button lets you quickly vary the programmed times. Also functions as an alarm clock with buzzer and snooze alarm. **61-2470 . . . . . 29.99**





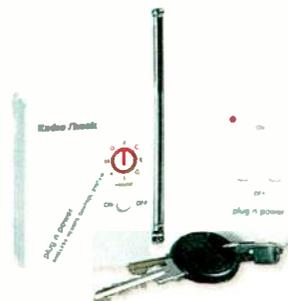
**Convenient, easy-to-use mini controller**

Now you can instantly control up to eight sets of remote Plug 'n Power modules. Turn lights on or off, or adjust brightness level right from your bedside table or living room chair—with just the touch of a button. UL listed. **61-2677** . . . . . **14.99**  
**“Sundowner” controller.** Same as above, with built-in photocell for dusk to dawn control of lights. **RSU 10037661** . . . . . **22.99**



**16-button controller for whole-house remote operation**

Deluxe command center controls up to 16 sets of remote modules so you can dim lights or turn them on and off. Start the coffee before getting out of bed. The “all lights on” button floods your house with light all at once. **RSU 10037737** . . . . . **24.99**



**Keychain remote system**

Never walk into a dark home again. This small, 2-channel pocket remote lets you turn lights in your home on and off from your driveway or porch. Sends a wireless signal to any lamp plugged into the included remote transceiver module. Expandable. Requires 2 “AAA” batteries. UL listed. **61-2663** . . . . . **24.99**

**Controller/light dimmer**

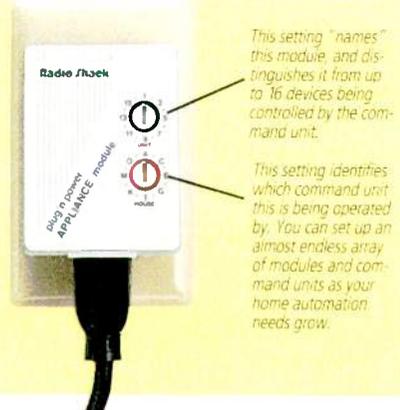
Turn on/off and dim or brighten lights with a touch of a button. Plug-in receiver has one 15A outlet for a lamp or appliance. Add plug-in modules to control up to 16 devices. Remote requires 4 “AAA” batteries. UL listed. **61-2676** . . . . . **39.99**

Extra handheld remote. **RSU 10508042** . . . . . **19.99**

**QUESTION:**  
 How can Plug 'n Power make my life easier?



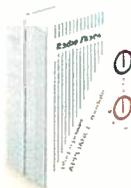
**ANSWER:**  
 With a controller unit and the appropriate Plug 'n Power modules, you can control all types of appliances at the touch of a button. You can turn on an air conditioner, start the coffee, or turn on the house lights from anywhere in the house—bedside, your favorite chair, or even out in the yard. No complicated wiring or difficult installation is necessary. Home automation has never been easier or more affordable!



This setting “names” this module, and distinguishes it from up to 16 devices being controlled by the command unit.

This setting identifies which command unit this is being operated by. You can set up an almost endless array of modules and command units as your home automation needs grow.

**Multi-purpose remote modules**



**Appliance module.** Works with any of our command centers to turn on/off your TV, stereo, lights, fan or other small appliances by remote control. Manual override feature. For two-pronged appliances and lamps only. Rated 15 amps, 1/3 HP for motors, 500 watts for lamps. UL listed. **61-2681** . . . . . **12.99**



**Heavy-duty module.** Easily control fans, appliances or hard-to-reach motor-driven devices that require a 3-prong outlet. Responds to Plug 'n Power controller or uses a remote timer. Manual override feature. Rated 15 amps for coffee pots, 1/3 HP for motors and 500 watts for lamps. UL listed. **61-2684** . . . . . **13.99**



**Lamp dimmer module.** Dim the lights with a touch of a button. Just plug the module into an AC outlet and plug in lamp to turn on, dim or brighten—ideal for hard-to-reach lamps. Responds to any Plug 'n Power controller or timer. For incandescent lamps only. UL listed. **61-2682** . . . . . **12.99**



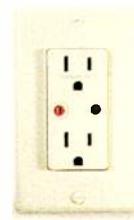
**Wireless wall switch.** Add a light switch without rewiring! Utilizes the Plug 'n Power transceiver module 61-2676 or 61-2663 to control other remote modules. Also works with Plug 'n Power security systems. Requires 4 “AAA” batteries. **RSU 11099926** . **14.99**  
**2-button switch.** **RSU 10037588** . . . . . **12.99**  
**3-button switch with dimmer.** **RSU 10037596** . . . . . **15.99**



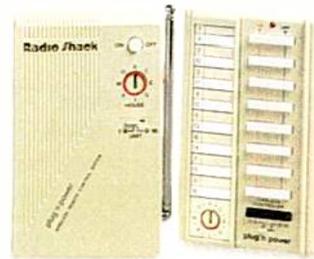
**Remote wall switch.** Installs in minutes with simple 2-wire hookup. Replaces your regular light switch to accept commands from any Plug 'n Power controller or timer. Turn on/off, dim, or brighten any overhead incandescent light. Still provides manual operation of lights. **61-2683** . . . . . **12.99**



**3-way wall switches.** Set includes two switches that replace two existing wall switches controlling the same light. Fits in standard light boxes. Turn on/off, dim/brighten incandescent lights. **RSU 11911039** . . . . . **19.99**  
**Companion switch.** Use with above switch for 4-way operation. **RSU 10037612** . . . . . **7.99**



**Remote wall outlet.** No better way to turn on/off hard-to-reach lamps and appliances! Simple to install—replaces an existing wall outlet. One socket responds to commands from a Plug 'n Power controller or timer, the second is a standard AC socket. 15-amp rating. **61-2685** . . . . . **15.99**



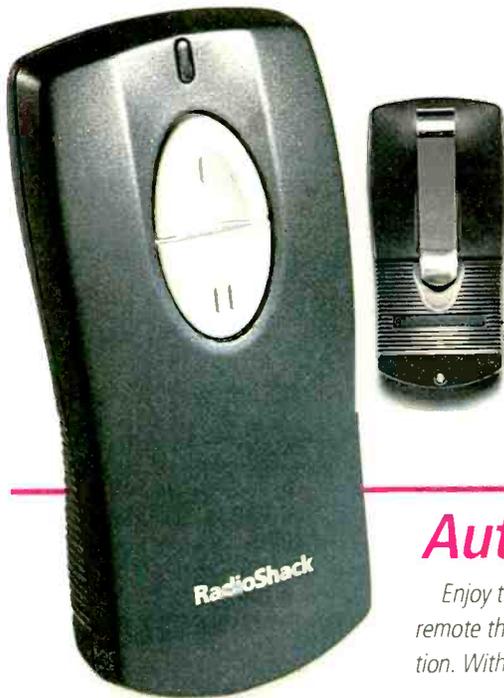
**Mini controller console.** Lets you use our full-function universal remote (sold separately) to control your lights and appliances as well as your TV, VCR and stereo. Commands up to eight remote modules. Compatible with remote, below. **RSU 10037703** . . . . . **39.99**

**6-in-1 remote.** Controls up to six infrared devices in your home. (Page 147). Uses 4 “AAA” batteries. **15-1918** . . **39.99**



**Lamp-socket dimmer module.** No wiring or tools needed—dimmer module screws into standard light socket, light bulb screws into dimmer module. Perfect for hard-to-reach lights in basement, laundry room, stairway. For incandescent lamps rated 150 watts or less. **RSU 11486479** . . . . . **15.99**





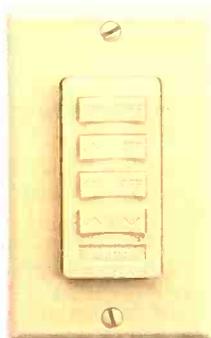
**New Universal 2-button garage door opener transmitter replaces your lost or broken garage door remote**

Transmitter sets up easy and is ready to use in minutes. Two buttons for two devices. (1) Operate two separate garage door openers—push one button to open left door and the other for the right. (2) Since it works with most automatic gates, you can choose one button to open/close your gate and the other to operate your garage door. (3) Or, set aside the second button for use in gaining entry to a close relative's garage. Works great as a replacement remote or as an extra remote. Operates most garage door openers and automatic gates including Sears, Genie\* Stanley, Chamberlain, Lift-Master, Wayne Dalton, Linear, Multi-Code, Moore-O-Matic and Master Mechanic. Includes visor clip and easy-to-use instruction manual. \*NOTE: Does not work with Genie Intellicode models or most garage door transmitters manufactured before 1982. FCC approved. Requires 9V battery. **61-2108**..... 29.99

**Automate for Security and Convenience**

Enjoy the security and convenience of a wireless remote-control system for your home. Start with a universal remote that's capable of opening a security gate and a garage door. Then, take the next step in home automation. With Plug 'n Power modules, you can control lights, TVs, thermostats, a security system, automatic drapes and much more. Have a special application? See us for the solution!

(1)



**Special-purpose Plug 'n Power switches and modules**

Wired controllers and switches are ideal for areas where it's inconvenient to install conventional Plug 'n Power equipment. Many of the items below can be wired into most standard electrical boxes to replace existing wall switches.

(1) **Wall-mount command center.** Flush-mounts in a standard electrical wall box. Turns on/off or dims up to three Plug 'n Power remote light modules or groups. **RSU 10037828** ..... 89.99

(2) **Wall switch/dimmer controller.** For incandescent lights only. Controls a single module or a group of modules. **RSU 10037851** ..... 59.99

**Fluorescent light controller switch.** Controls lights and appliances that should not be dimmed. **RSU 10037802** . . . 64.99

**Signal bridge coupling.** Ensures that your Plug 'n Power signals are strong throughout your home. 120/240V. **RSU 10037810** . . . . . 59.99

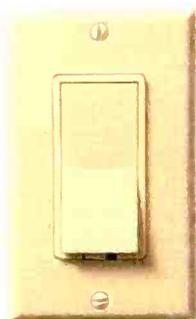
**Noise block.** Can be wired on load side to cut any electrical noise from remote modules, low-voltage ballasts or any noise-generating sources. **RSU 10037786** . . . . . 39.99

**Plug-in noise filter.** Helps eliminate annoying electrical noise that may interfere with Plug 'n Power signals. **RSU 10037794** . . . . . 39.99

**Wall switch for incandescent lights.** **RSU 10037869** . . . . . 36.99

Faceplates not included

(2)



**Remote-control sounder/activator**

On/off relay for sprinklers, lighting, automatic draperies or other low-voltage items. Use built-in beeper as an intruder alert by linking it with motion-sensing outdoor floodlights. Works with all Plug 'n Power controllers and timers. Can be set for continuous or momentary contact closure. Rated 30VRMS at 100VA. **RSU 10037752** . . . . . 18.99



**Plug 'n Power module interface**

Works with an alarm system, a contact switch or other sensor to turn on or flash lights controlled by Plug 'n Power modules—helps deter potential intruders. Works with any contact switch or low-voltage AC, DC or audio output. Just connect wires to control device and plug directly into AC power. **RSU 10037745** . . . . . 19.99



**Control your home over the phone**

Call home from any Touch-Tone phone to control up to 10 lights or appliances with this telephone responder. Answers, then retransmits the signals you send to your Plug 'n Power modules. At home, use it as a manual Plug 'n Power control center. You can even set it to flash selected lights when the phone rings. Plugs into modular phone jack. **RSU 10037778** . . . . . 79.99



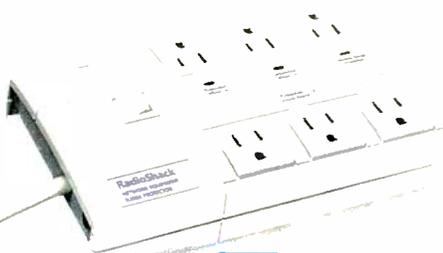
**Set your thermostat by remote control**

Great for reducing heating and cooling costs. Just connect to appliance module and timer (sold separately), and program the controller to adjust the temperature. Conserve energy at night, return to normal in the morning. Great for weekend cabins. No rewiring necessary. Works with any kind of thermostat. **RSU 10037760** . . . . . 19.99



# Why You Need an AC Surge Protector

Don't take chances! Momentary voltage surges can cause serious damage to expensive electronics. Protect computers, TVs, VCRs, stereos and more.



With AC adapter spacing  
Connected equipment  
guaranteed up to \$25,000

## New Our best! Network grade surge protector

Highest quality six-outlet surge protector designed for network computer applications. Additional RJ45 phone line protection. UL 1449 rating: 330V, 1300-joule rating. Flat plug on 6-foot power cord allows for easy installation behind equipment or furniture.

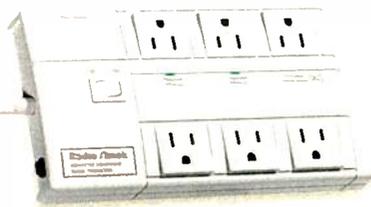
61-2219 ..... 69.99

## Six outlets, noise filter

Help protect high-end computer equipment from damaging power surges. Built-in telephone jacks to help protect modems/faxes. 3-stage, 6-line protection, 880-joule rating, 55dB noise filter and UL 1449 rating.

61-2122 ..... 59.99

Connected Equipment Guaranteed up to \$10,000



## New On-the-road protection for your notebook

Single outlet surge protector with phone line protection. Fits in carrying cases. UL 1449 rating: 330V, 450-joule rating.

61-2225 ..... 19.99

Connected Equipment Guaranteed up to \$10,000



## New 2-phone-line computer surge protector

6-outlet surge protector with dual phone line protection. With surge and ground LEDs and audible alarm. UL 1449 rating: 330V, 700-joule rating.

61-2220 ..... 49.99

Connected Equipment Guaranteed up to \$10,000



## Six outlets, plus audible/visual alarm

3-line surge protection. 55dB noise filter, UL 1449 rating: 330V, 600-joule rating. Surge current: 48,000 amps. Audible and visual alarms.

61-2120 ..... 35.99

Connected Equipment Guaranteed up to \$10,000



## Six-outlet in metal housing

3-line surge protection for valuable computer systems. 55dB noise filter, UL 1449 rating: 330V, 450-joule rating. Ground light helps ensure proper wiring. Audible and visual alarms.

61-2121 ..... 34.99

Connected Equipment Guaranteed up to \$10,000



## Space-saving wall mount design

6-line protection for your computer. UL 1449 rating: 330V, 450-joule rating. Audible/visual surge protection indication. 35dB noise filter.

61-2123 ..... 24.99

Connected Equipment Guaranteed up to \$10,000



**UL 1449 Rating.** Max voltage allowed through the suppressor after it "clamps" the surge. Lower numbers are better.

**Joule Rating.** Maximum energy absorption the suppressor can tolerate before becoming impaired. Higher numbers are better.

**EMI/RFI.** Filters out interference coming through electrical lines or from outside sources. Higher numbers are better.

**Surge Current.** Max amount of current the suppressor can tolerate before becoming impaired. Higher numbers are better.

**Response Time.** Time it takes for the suppressor to respond when it detects a power surge. Look for response time of nano (one-billionth) or pico (one-trillionth) seconds. Lower numbers are better.

**Line Protection.** The number of lines (L-N-G) that are protected from power surges. The more lines the better.

**AC Adapter Spacing.** Provides ample room to plug in bulky AC adapters side by side.

## Connected Equipment Guarantee included at no extra cost!

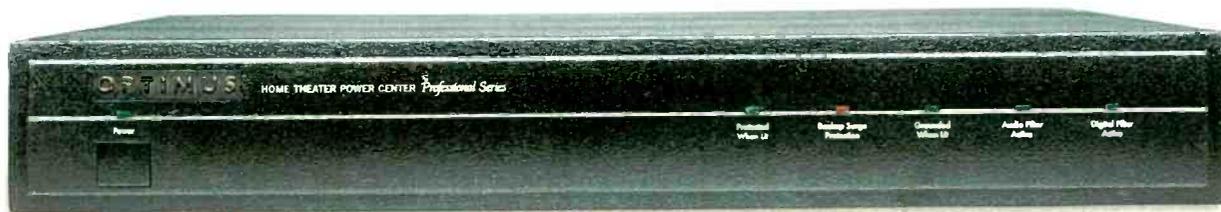
Because RadioShack surge protectors exceed UL 1449 and meet IEEE587 standards, our protectors include a limited warranty against damage to properly connected equipment. During the warranty period, we will reimburse, up to the stated dollar amount, for the repair or replacement of equipment damaged by a voltage surge while properly connected to a surge protector covered by the warranty. For details, see the warranty.

Model No.	Metal Case	Protected Outlets	Cord	UL 1449 Rating	Joule Rating	Surge Current	Response Time	No. of Lines Protected	EMI/RFI	Indicators	Phone/Coax	Price	Connected Equipment Limit
Appliance Grade													
61-2791	—	1	W	400V	40	4500 amps	<.1 microsecond	2	15dB	visual	—	6.99	—
61-2142	—	6	W	400V	140	13,000 amps	1 nanosecond	2	15dB	visual	—	9.99	\$500
61-2140	—	6	4'	400V	140	13,000 amps	1 nanosecond	2	15dB	—	—	13.99	\$500
61-2141	yes	6	6'	400V	140	13,000 amps	1 nanosecond	2	15dB	visual	—	16.99	\$500
Consumer Electronics Grade													
61-2133	—	1	W	400V	210	19,500 amps	1 nanosecond	3	35dB	visual	—	8.99	\$2,500
61-2132	—	6	W	400V	210	19,500 amps	1 nanosecond	3	35dB	visual	—	11.99	\$2,500
61-2134	—	6	W	400V	210	19,500 amps	1 nanosecond	3	35dB	visual	coax	15.99	\$2,500
61-2131	yes	6	6'	400V	280	19,500 amps	1 nanosecond	3	35dB	visual	—	22.99	\$2,500
61-2130	—	6	4'	400V	280	26,000 amps	1 nanosecond	3	35dB	visual	coax	29.99	\$2,500
61-2138	—	6	6'	400V	280	26,000 amps	1 nanosecond	3	35dB	visual	phone & coax	49.99	\$2,500
61-2236	yes	6	6'	330V	700	46,000 amps	1 nanosecond	3	55dB	visual	phone & 2 coax	99.99	\$10,000
Computer Grade													
61-2225	—	1	W	330V	450	36,000 amps	1 nanosecond	1	35dB	visual	phone	19.99	\$10,000
61-2123	—	6	W	330V	450	36,000 amps	1 nanosecond	3	35dB	visible & audible	phone & fax	24.99	\$10,000
61-2121	yes	6	6'	330V	450	36,000 amps	1 nanosecond	3	55dB	visible & audible	—	34.99	\$10,000
61-2120	—	6	6'	330V	600	48,000 amps	1 nanosecond	3	55dB	visible & audible	—	35.99	\$10,000
61-2220	—	6	6'	330V	700	46,000 amps	1 nanosecond	2	55dB	visible & audible	2 phone	49.99	\$10,000
61-2122	—	6	6'	330V	880	65,525 amps	1 picosecond	3	55dB	visible & audible	phone & fax	59.99	\$10,000
61-2219	—	6	6'	330V	1300	65,525 amps	1 picosecond	3	55dB	visible & audible	network RJ45	69.99	\$25,000



# Don't Risk It! Protect Your Investments

Why take a chance with your home theater system or other electronic products? Don't get caught unprotected! Power surges can damage or even ruin expensive electronic equipment. With a surge protector from RadioShack, you can protect your investment easily and inexpensively... right now!



## New Home theater power center

You can count on this top-of-the-line unit for centralized power distribution and protection of your integrated home theater and DSS/satellite systems. Six-outlet (4 switched/2 unswitched) under-the-receiver power center with 700-joule rating. Five LED indicators display system status and dedicated audio and video filters allow for clean and clear audio and video output. Master switch lets you turn 4 connected products on or off at once. 5-year product warranty and up to \$10,000 Connected Equipment Guarantee! Two solid state phone jacks, as well as 2 pairs of gold coax jacks for connecting 2 video sources such as a DSS system & cable. UL 1449: 330V rating, heavy-duty 6-ft. power cord. 55dB noise filter. **61-2236** . . . . . **99.99**

Connected Equipment  
Guaranteed up to \$10,000†



## Single-outlet surge protector

Great for areas where you have just one item that needs reliable 3-line protection, such as a TV. 35dB noise protection, 210-joule rating. 1-nanosecond response. Indicator light lets you know surge protector is operating properly. High-impact thermoplastic housing. **61-2133** . . . . . **8.99**

Connected Equipment Guaranteed up to \$2,500†



## Satellite/home theater surge protector

Add an important measure of protection to your valuable high-tech home entertainment system. Six outlets make it ideal for use with satellite, DSS® and home theater components. Master on/off switch, LED "on" indicator, 6-foot cord. 280-joule rating. 35dB noise protection keeps stereo and TV sound clear. **61-2138** . . . . . **49.99**

Connected Equipment  
Guaranteed up to \$2,500†



## Wall-outlet protector/noise suppressor

Space-saving, plug-in design. Ideal for multi-component stereo systems. 3-line protection. 1-nanosecond clamping time. 35dB noise filter, 210-joule rating. Indicator light lets you know surge protector is operating properly. **61-2132** . . . . . **11.99**

Connected Equipment Guaranteed up to \$2,500†



## Six outlets and video input protection

Provides 3-line protection against damaging power surges for up to six properly connected electronics. Also has two coax jacks for protection on your cable/TV line. AC line-noise filter helps block interference in stereo and TV sound. 280-joule rating. 15-amp circuit breaker. Indicator light lets you know the surge protector is working. **61-2130** . . . . . **29.99**

Connected Equipment  
Guaranteed up to \$2,500†



## Wall-outlet with TV/cable coax protection

Features built-in TV antenna/cable-coax connectors to protect large-screen TVs, VCRs, laserdisc players and other coax-connected equipment. 3-line protection, 210-joule rating. 35dB noise filter, 1-nanosecond clamping response. **61-2134** . . . . . **15.99**

Connected Equipment Guaranteed up to \$2,500†



## Six outlets, rugged metal housing

Economical way to protect valuable home electronics! Has 3-line protection and features an AC line-noise filter to help block interference in stereo and TV sound. 280-joule rating. Circuit-breaker protected. Metal housing, 6-foot cord. Protection indicator light **61-2131** . . . . . **22.99**

Connected Equipment Guaranteed up to \$2,500†

**QUESTION:**  
What are voltage surges?



**ANSWER:**  
A surge is a rise in voltage in your AC power line that lasts only a fraction of a second, but can send over 6000 volts surging through a 120-volt line. In the blink of an eye, damage to your TV, VCR, stereo system, computer, microwave oven or other equipment may occur.

A surge may come from the electric company's switching generators or power grids, from local industries or after power interruptions when accumulated power suddenly surges back through AC lines. Even the on-and-off switching of large electrical appliances, such as refrigerators, can create damaging surges.

†Warranty information on page 214.

DSS is an official trademark of GM Hughes Electronics. Use your RadioShack ValuePlus card for purchases of any amount up to your credit limit.



Connected Equipment Guaranteed up to \$500\*

**Six-outlet appliance surge protector**

For reliable 2-line protection of coffee makers, radios, or other household appliances. Built-in circuit breaker for extra protection. 140-joule rating. Master on/off switch. 4-foot cord. **61-2140 . . . 13.99**



**Single-outlet protector**

An easy way to protect a single household appliance from power surges. Provides 2-line protection. Features UL 1449 rating of 400V, 40-joule rating, 15dB noise filter. Indicator light lets you know the protector is operating properly. **61-2791 . . . 6.99**



**Wall-outlet surge protector**

Six two-line protected outlets for household appliances. Ideal for kitchen counter. Has a UL 1449 rating of 400V, 1-nanosecond response, 15dB noise filter. 140-joule rating. Visual surge protection indicator. **61-2142 . . . 9.99**



Connected Equipment Guaranteed up to \$500\*



**Connected equipment guarantee included at no extra cost!**

**Six-outlet protector in metal housing**

Rugged metal case—ideal for garage or shop. Two-line surge suppression protects lower-current power tools. Built-in 120-volt, 15-amp circuit breaker provides extra protection. 140-joule rating. Indicator light. Master on/off switch. **61-2141 . . . 16.99**



Connected Equipment Guaranteed up to \$500\*

*During the warranty period, we will reimburse, up to the stated dollar limit, for the repair or replacement of equipment damaged by a voltage surge while properly connected to a surge protector covered by the warranty. For details, see the warranty.*

**Convenient remote-control power switch**

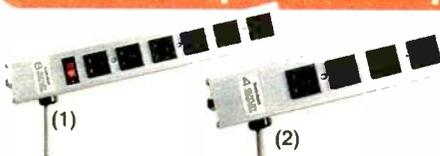
Handy keychain remote allows you to turn your television, light or appliance on/off from anywhere in the room. Use it to turn off your TV or lamp without getting out of bed! Simply plug in to set up and use. Comes with complete instructions. Controls up to 500-watt incandescent light, 400-watt television. Requires 12V battery. **61-2667 . . . 22.99**

**Line cords and computer power cords**



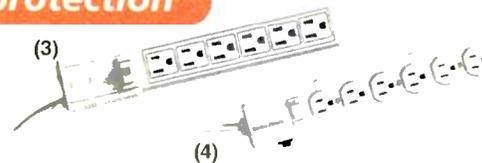
Description	Cat. No.	Each
6-ft IEC cord w. right-angle connect	278-1260	<b>5.99</b>
6-ft. IEC cord	278-1257	<b>3.99</b>
Shielded version of above	278-1262	<b>4.99</b>
12-ft IEC cord	278-1261	<b>5.99</b>
6-ft. IEC extension	278-1259	<b>4.99</b>
6-ft. replacement AC cord	278-1255	<b>1.49</b>
Above with 3-prong plug	278-1258	<b>2.99</b>
6-ft. recorder/radio cord	278-1254	<b>2.49</b>
6-ft. recorder/radio cord	278-1256	<b>1.99</b>

**Power strips without protection**



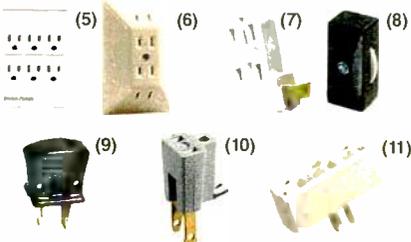
**(1) Six-outlet strip with aluminum housing.** Sturdy AC strip has a heavy-gauge extruded aluminum housing, industrial-type square outlets, lighted on/off switch, circuit breaker, six-foot cord with grounded plug. **61-2619 . . . 19.99**

**(2) Four-outlet AC power strip.** Simple and tough—great for shop or garage. Heavy-gauge aluminum housing, four industrial-type square outlets, six-foot cord with grounded plug and circuit breaker. 15A. **61-2620 . . . 14.99**



**(3) Six-outlet strip with four-foot cord.** Six-outlet AC power strip features a master on/off switch and a heavy-duty four-foot cord with grounded plug. Built-in 15-amp circuit breaker provides extra protection. **61-2150 . . . 8.99**

**(4) Six-outlet AC power strip in metal case.** Features a convenient master on/off switch, circuit breaker, a heavy-duty six-foot cord with a grounded plug. Rated 15A. **61-2151 . . . 13.99**



**AC outlet adapters, replacement plugs and line-cord switch**

**(5) Six outlet.** For use with three-prong (grounded) AC outlets. Fits flush against wall and converts two outlets to six. **61-2622 . . . 3.99**

**(6) Four outlet.** 2-prong. Converts two polarized outlets to four. **61-2621 . . . 2.99**

**(7) Three-outlet cube tap.** 2 prong. **61-2714, 1.99**

**(8) Line cord on/off switch.** Ideal for lamps and small fans. **61-2713 . . . 1.59**

**(9) AC quick plugs.** Replace old plugs in seconds. **61-2702 . . . Pkg. of 2/1.99**

**(10) Grounded plug adapters.** Convert three-prong plugs to two. **61-2720 . . . Pkg. of 2/1.49**

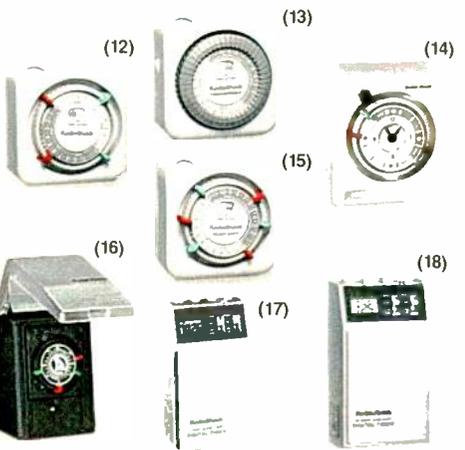
**(11) Three-outlet AC socket.** Converts one three-prong outlet to three outlets. **61-2705 . . . 2.49**

**All-purpose extension cords**

RadioShack has a great selection of extension cords. All are top quality and are polarized for safety. Choose the one that's right for your application.



Feet	Description	Cat. No.	Each
6	White, 3-outlet	61-2744	<b>1.99</b>
6	Brown, 3-outlet	61-2745	<b>1.99</b>
9	White, 3-outlet	61-2746	<b>2.39</b>
9	Brown, 3-outlet	61-2747	<b>2.39</b>
15	Brown, 3-outlet	61-2748	<b>3.49</b>
10	Grounded, 1-outlet*	61-2749	<b>4.59</b>
9	For air conditioner*	61-2758	<b>7.99</b>
25	Brown, 1-outlet	61-2759	<b>4.49</b>
3	Grounded, 3-outlet*	61-2764	<b>5.49</b>
10	Grounded, 3-outlet*	61-2765	<b>7.59</b>



**(12) New Mini plug-in lamp/appliance timer.** Turn lights/appliances on/off 2 times in a 24-hour period. **61-1068 . . . 7.99**

**(13) New Multisetting appliance timer.** Turn lights/appliances on/off up to 24 times a day. **61-1069 . . . 10.99**

**(14) Clock-face timer.** Two on/two off settings per day. Manual override. **61-1070 . . . 11.99**

**(15) New Air conditioner/appliance timer.** Three on/three off settings per day. Heavy duty. **61-1071 . . . 15.99**

**(16) 24-hour, heavy-duty, 15-amp outdoor timer.** All-weather design. Two on/two off settings. **61-1075 . . . 22.99**

**(17) 24-hour digital timer.** Four on/four off times per 24 hours. Requires 1 "AA" battery. **61-1060 . . . 24.99**

**(18) 7-day heavy-duty digital timer.** Six on/six off settings per 7 day period. LCD clock readout. Requires 1 "AA" battery. 3-prong grounded plug. **61-1065 . . . 29.99**

\*For details, ask a RadioShack sales associate.



## Step-down converters (240VAC-120VAC)



### New 1600-watt foreign travel AC converter with adapter plugs

Converts foreign electricity 220/240VAC to standard US 110/120VAC for use with such items as handheld blow dryers, curling/travel irons, food/bottle warmers, hot pots, heating pads, electric blankets and incandescent lamps rated up to 1600W maximum. Built-in adapters fit the most common plug configurations found in Europe, the Middle East, Hong Kong, Singapore, England, Africa, Australia, the Philippines and Thailand. Simply plug appliance into converter and plug converter into wall outlet. **273-1413 . . . 22.99**



### New 50-watt foreign travel AC converter with adapter plugs

Converts foreign electricity 220/240VAC to standard US 110/120VAC for use with such items as electric shavers, portable cassette/CD players, radios, battery chargers, camcorders, notebook computers and contact lens sterilizers rated up to 50 watts maximum. Built-in adapters fit the most common plugs found in Europe, the Middle East, Hong Kong, Singapore, England, Africa, Australia, the Philippines and Thailand. Simply plug appliance into converter and plug converter into wall outlet. **273-1412 . . . 19.99**



**Dual-wattage foreign-travel AC converter.** Lets you use 120VAC (USA) devices on 240VAC foreign power. For electronic/motorized devices up to 50 watts, such as radios, battery chargers, calculators. Also for heating devices up to 1600 watts such as irons, lamps, handheld hair dryers. **273-1410 . . . 34.99**

**1600-watt foreign travel AC converter.** Operates 120VAC heating devices from 240VAC. For irons, bulb-type lamps, handheld hair dryers. **273-1404 . . . 17.99**

**1000-watt foreign travel AC converter.** Same function as above, but rated 1000 watts max. **273-1402 . . . 16.99**

**50-watt foreign AC converter for electronic equipment.** Converts 240VAC to operate most recorders, radios, photo flashes, battery chargers and calculators. **273-1401 . . . 15.99**



### Continuous-use step-down power converter

Designed for continuous use overseas with 120V appliances such as answering machines, cordless phones, notebook computers and more with a wattage rating of 85 watts or less. **RSU 11650207 . . . 19.99**

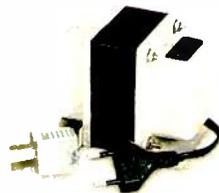


### AC power converters for overseas travel

#### Going overseas?

*You don't have to leave behind your electric razor, lens sterilizer or other important personal items. Our Foreign Travel AC Converters let you use most small appliances on foreign power, and our heavy-duty converters (below) will let you operate U.S. cooking appliances, TVs, stereos and more.*

**IMPORTANT!** Foreign power converters CANNOT be used with most clocks, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. NOT for continuous use. Will NOT work with DC (direct current). The 273-1402, 273-1404 and 273-1413 converters should NOT be used with transformer-operated equipment.



### Voltage converters for using larger appliances on foreign power

These rugged, high-quality voltage converters convert 220/240VAC overseas power to 120VAC to operate U.S.-standard appliances.

Handles up to	Cat. No	Each
200 Watts	RSU 10282820	39.99
500 Watts	RSU 10282838	64.99
1000 Watts	RSU 10282846	99.99
1500 Watts	RSU 10282853	149.99

## Foreign Power Made Easy

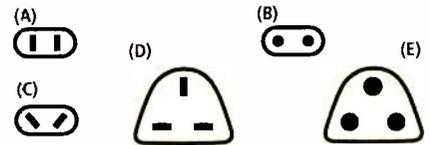
RadioShack's easy-to-use voltage converters and adapter plug sets let you use your hair dryer, electric razor and other important personal items almost anywhere in the world.

### Foreign adapter plugs for use with U.S. appliances

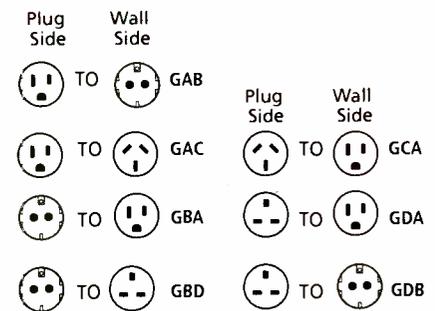


**Foreign plug to USA-outlet adapter.** Connects a dual-voltage appliance with a European plug style B, to a USA-type 120VAC outlet. **273-1406 . . . 1.99**

**Plug adapters.** Connect foreign AC converters to almost any outlet, including recessed. Contains adapters A,B,C,D. *Must be used with converter.* **273-1405 . . . Set of 4/8.99**

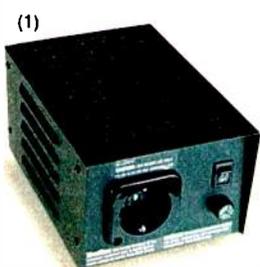


- (A) PAC-1—For North, Central, and South America. RSU 11650124 . . . 2.49**
- (B) PBC-1—For Continental Europe. RSU 11649126 . . . 2.49**
- (C) PCC-1—For Australia/New Zealand. RSU 11649134 . . . 2.49**
- (D) PDC-1—For Great Britain/Hong Kong. RSU 11649142 . . . 4.99**
- (E) PEC-1—For India/South Africa. RSU 11650116 . . . 4.99**



- GAB—Grounded U.S. to Continental Europe adapter. RSU 11650132 . . . 5.99**
- GAC—Grounded U.S. to Australia/New Zealand adapter. RSU 11650140 . . . 8.99**
- GBA—Grounded Continental Europe to U.S. adapter. RSU 11650157 . . . 14.99**
- GBD—Grounded Continental Europe to United Kingdom adapter. RSU 11650165, 9.99**
- GCA—Grounded Australia/New Zealand to U.S. adapter. RSU 11650173 . . . 7.99**
- GDA—Grounded United Kingdom to U.S. adapter. RSU 11650181 . . . 5.99**
- GDB—Grounded United Kingdom to Continental Europe adapter. RSU 11650199 . . . 5.99**

## Step-up converters (120VAC-to-240VAC)



- (1) 250-watt step up converter.** For use with foreign 220/240VAC appliances rated up to 250 watts on 120VAC USA-standard power. Replaceable fuse protection. UL listed. **RSU 11507373 . . . 129.99**
- 500-watt converter. RSU 11650215 . . . 199.99**
- 1000-watt converter. RSU 11650231 . . . 299.99**
- (2) 40-watt converter. 273-1411 . . . 31.99**



**AC-to-AC adapters for phone answerers**

Designed to replace a misplaced or defective adapter for many non-RadioShack answerers. Check your answerer owner's manual or rating plate to make sure the voltage (VAC), current requirement (mA), plug style and polarity match. See drawings on facing page for plug size.

For Answerer	Output	Up to	Plug Size	Cat. No.	Each
Many AT&T and others	9VAC	780mA	M	273-1630	8.99
Many non-RadioShack	13VAC	800mA	M	273-1610	8.99
NEW! Many AT&T	Selectable 9, 10.2, 12, 13VAC	800mA	M	273-1631	12.99



273-1631

**Start enjoying your video game again—replace your lost or defective AC adapter** See drawings on facing page for included plug sizes.

For Video Game	Output	Up to	Plug Size(s)	Cat. No.	Each
Sega GameGear, Genesis 1631, Genesis 32X, Sega Nomad, Sega Powerback, Super Nintendo	10VDC	850mA	C, M, R	273-1614	15.99
Nintendo Model NES-001	9VAC	1300mA	M	273-1611	15.99
Sega Genesis I	9VDC	1200mA	M	273-1612	15.99



273-1614

**Multi-voltage AC-to-DC adapters** See drawings, facing page, for plug sizes.

Description	Output	Up to	Plug Sizes	Cat. No.	Each
Compact switching-type adapter. (Not recommended for recorders or AM radio.)	3, 4.5, 6, 9, 12VDC	1000mA	A, B, C, D, H, M, N	273-1680	39.99
For RadioShack, other personal stereos. Regulated output reduces hum in sound.	1.5, 3VDC	300mA	A, G, H	273-1654	13.99
For many Radio Shack scanner radios and various other equipment.	1.5, 3, 4.5, 6, 7.5, 9, 12VDC	300mA	E, F, H, J, L, M	273-1662	12.99
For many LCD pocket TVs. Regulated output reduces hum in sound	3, 4.5, 6VDC	800mA	A, B, H, M, N	273-1666	22.99
For portable CD and tape players. Regulated output reduces hum in sound	3, 6VDC	700mA	A, B, G, H, I, M	273-1663	19.99
For various equipment. Regulated output.	4.5, 6VDC	550mA	B, H, M	273-1664	18.99



273-1680

**Single-voltage AC-to-DC adapters**

Description	Output	Up to	Plug Sizes	Cat. No.	Each
For many RadioShack calculators, micro-cassette recorders, other devices	3VDC	200mA	A, E, H	273-1661	8.99
For transistor radios and other equipment that use rectangular 9-volt battery	9VDC	9mA	9V snap	273-1552	6.99



273-1661

**AC adapters for various equipment.** See drawings on facing page for plug sizes.

Output	Up to	Plug Size(s)	Cat. No.	Each
6VDC	150mA	M	273-1454	7.99
9VDC	300mA	M	273-1455	7.99
9VDC	300mA	H	273-1665	7.99
9VDC	500mA	F, M	273-1651	11.99
9VDC	800mA	M	273-1656	12.99
12VDC	500mA	A, F, J, M, Q	273-1652	12.99

**High-current adapter for many portable TVs, stereos, walkie-talkies and VCR battery packs.** Provides 12VDC, up to 1000mA (1 amp). Includes four plug adapters: sizes M, O, P, Q (see facing page). **273-1653** ..... 21.99

**AC-to-DC adapters from RadioShack Unlimited.** Many more available. See in-store RSU catalog for a complete listing. See drawing on facing page for plug size.

Output	Up to	Plug Size	Cat. No.	Each
3.0VDC	600mA	H	RSU 10449106	9.99
6.0VDC	1000mA	M	RSU 11327558	14.99
6.0VDC	2000mA	M	RSU 11327574	24.99
7.5VDC	1000mA	M	RSU 11327608	16.99
7.5VDC	1500mA	M	RSU 11327616	24.99
9.0VDC	1000mA	M	RSU 11327673	17.99
9.0VDC	1200mA	M	RSU 11327681	18.99
12.0VDC	500mA	M	RSU 11327749	12.99
12.0VDC	1000mA	M	RSU 11327764	20.99
12.0VDC	1200mA	M	RSU 11327772	25.99
12.0VDC	2000mA	M	RSU 11328036	48.99
15.0VDC	600mA	M	RSU 11327822	16.99
15.0VDC	1000mA	M	RSU 11327830	25.99
15.0VDC	2000mA	M	RSU 11328093	51.99
18.0VDC	2000mA	M	RSU 11328101	53.99
24.0VDC	1500mA	M	RSU 11328119	53.99

**AC-to-AC adapters from RadioShack Unlimited.** See store for a complete listing.

Output	Up to	Plug Size	Cat. No.	Each
6.0VAC	3300mA	M	RSU 11918067	25.99
9.0VAC	3400mA	M	RSU 11918059	27.99
18.0VAC	300mA	M	RSU 11327996	10.99
20.0VAC	700mA	M	RSU 11328002	13.99
24.0VAC	300mA	M	RSU 11328010	10.99

Plug-in side shown as an example



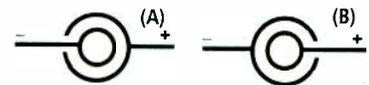
RSU 10449106

# Power Up at RadioShack

We have a UL listed AC adapter to fit just about any video game, answering machine, personal portable stereo, TV or other electronic device.

## How to choose the correct AC or DC power adapter

Plug-in AC adapters are the power source for many modern phone answerers, video games, desktop calculators, small TVs, scanner radios and other home appliances. RadioShack has replacements for lost or defective adapters like these. In addition, AC and DC adapters let you use portable equipment on home AC or vehicle DC power. When used with a portable device, an adapter **pays for itself fast** with the money that you save on batteries. To use an adapter, your portable must have a DC-input jack or use a 9V battery. Most DC input jacks have a symbol nearby that looks like one of these:



Symbol A means that the outside of the jack is positive (+) and the inside is negative (-). Symbol B means the reverse. **The adapter's plug must match your portable's DC-input jack.** Positive on the adapter's plug **must** connect to positive on the portable's DC-input jack; negative must connect to negative.

**Voltage.** The voltage (VDC or VAC) from the power adapter must be **exactly the same as** the voltage required by the portable. Most DC-input jacks are labeled with the voltage required.

**Current.** The power adapter's current (mA) rating must be **equal to or more than** the current required by the portable. An adapter that can provide more current is OK to use. But using an adapter that provides less current can damage the adapter or the portable.

**If you're not sure which AC or DC adapter you need, simply bring the device you want to power to RadioShack. Our friendly experts will help you select the correct adapter.**



### Universal vehicle DC-to-DC adapter

(1) Plugs into lighter socket. Selectable 3, 4.5, 6, 7.5 or 9VDC output voltage at up to 300 milliamps (mA) of current. Six included Adaptaplug adapters. 6-foot cord. **270-1560** ..... **12.99**  
Includes Adaptaplug adapters with plug sizes like figs. B, E, F, H, M, N in drawings.

### High-current vehicle DC-to-DC adapter

(2) Plugs into lighter socket. Selectable output of 3VDC up to 400mA, 6VDC up to 600mA, 9VDC up to 900mA and 12VDC at up to 3 amps. Includes four Adaptaplug adapters. **270-1562** ..... **16.99**  
Includes Adaptaplug adapters with plug sizes like figs. B, H, M, N in drawings.

**6-piece set of right-angle Adaptaplug adapters for above.** **270-1563** ..... **7.49**  
Includes Adaptaplug adapters with plug size like figs. B, G, H, M, N, O in drawings

### 1-amp vehicle DC-to-DC adapter

(3) Plugs into lighter socket. Selectable 3, 4.5 or 6VDC, up to 1 amp. Ideal for portable CD players and LCD TVs. **273-1801** ..... **22.99**  
Includes five Adaptaplug adapters, plug sizes like figs. A, B, H, M, N in drawings

### Universal video game DC adapter

(4) Powers these games from car lighter socket: Nintendo™, Super Nintendo™, Nintendo Game Boy™, Sega™ Genesis™, NEC TurbografX-16™, NEC Turbo Express™, Sega Game Gear™ and Atari™ Lynx™. **270-1504** ..... **19.99**  
Trademark Notice: Brand names appearing above and on the next page identify products by or for companies that own the registration of those marks. Our accessories are not licensed, endorsed or approved by AT&T, Atari, NEC, Nintendo, Sega or Sony

### Light-duty vehicle DC-to-DC adapter

(5) Provides 6 or 9VDC output, up to 500mA. Coaxial-type output plug fits many small portable cassette recorders. **273-1802** ..... **6.99**

### 5-foot DC extension cord

(6) Fits most AC and DC adapters. Ideal for use with video games and portables used at home or in a vehicle. Has coax jack at one end, coax plug at the other end in popular 5.5mm O.D., 2.1mm I.D. size (plug size like fig. M in drawings). **273-1648** ..... **3.99**

(7) **DC Y cable.** Lets you power two DC devices from one adapter, such as a portable CD and amplified speakers. Plug size M. **273-1649** ..... **3.99**

(8) **11-piece Adaptaplug® set.** Set includes straight plugs with plug sizes like E, F, G, H, J, K, L, M, N, O, Q. **274-1501** ..... **6.99**  
Also see new "EIAJ"-style Adaptaplug sets, above right.

## Vehicle DC adapters conserve your cellular phone's battery

RadioShack can supply a vehicle DC power adapter/charger for almost any cellular phone. All adapters plug into the vehicle's lighter socket. Shown below are the connectors that attach to the cellular phone.



Vehicle DC adapters for cellular phones

Fig.	For Phone	Cat. No.	Price
1	Motorola Classic	273-1202	29.99
2	Motorola Classic DC CUP	273-1214	29.99
3	Motorola Elite	273-1217	29.99
4	Motorola StarTAC Plug-in	RSU 11887817	49.99
5	Motorola MicroTAC & RC-550	273-1211	29.99
6	Ericsson and GE	273-1215	34.99
7	PCS-1	273-1218	34.99
8	Audiovox clip-cn	RSU 10280204	49.99
9	Motorola UltraClassic II	273-1212	24.99
10	RS CT-354 & Nokia 636, 638	273-1216	29.99
11	BellSouth 2100	273-1221	29.99
12	RadioShack Fujitsu Personna 300	RSU 11571569	29.99
13	NEC & ATT clip-type	RSU 10445492	49.99
—	Sprint Samsung SCL-1000 (not pictured)	273-1222	59.99
—	DC adapter/charger (not pictured)	17-616	39.99

## Adaptaplug® adapters

Many RadioShack power adapters include a set of extra plugs, called **Adaptaplug adapters**, so the adapter can be used with different sizes of DC-input jacks. Our right-angle-style Adaptaplug adapters are drawn full-size below. Some AC and DC adapters are supplied with straight-style Adaptaplugs. O.D. means the outside diameter of the Adaptaplug tip. I.D. means the inside diameter. **To ensure that you get the right adapter and plug, bring your portable or other device to RadioShack and our friendly experts will assist you.**

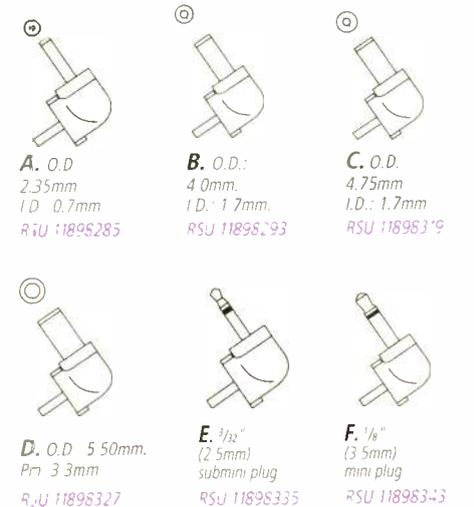
### "EIAJ" Adaptaplug sets

These fit the newer style of DC input jack found on recent equipment.

**4-piece right-angle EIAJ Adaptaplug set.** Shown in figs. A-D below. **273-1646** ..... **3.99**

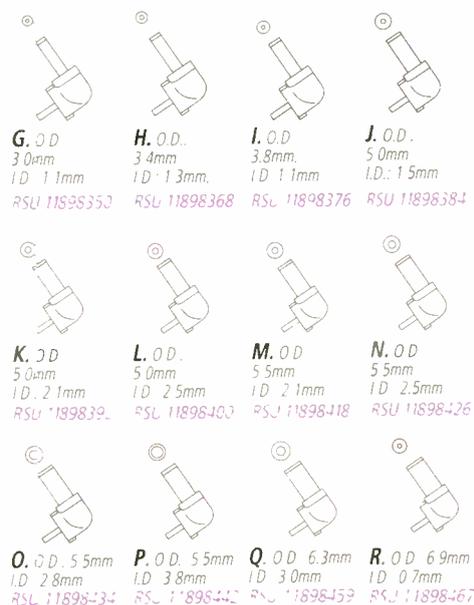
**4-piece straight EIAJ Adaptaplug set.** Have plug sizes like figs. A through D. **273-1647** ..... **3.99**

## Adaptaplugs A-R below are available through RadioShack Unlimited™ —Only \$2.99 each



## Adaptaplug sizes

Right-angle styles shown. Some adapters are supplied with straight plug styles



## 12VDC cords and adapters

- (1) **Universal 12VDC fused, 8 ft. coiled cord.** Tangle resistant. Plugs into car lighter socket. With 4 coax plugs to fit DC-powered TVs, radar detectors, etc. Replaceable 2 amp fuse. 270-1528 ..... 9.99
- (2) **Heavy-duty 12VDC cord.** As above but not coiled. Single attached coax plug. 270-1534 ..... 5.99
- (3) **Standard 12VDC fused cord.** 8-ft. As above. 270-1533 ..... 4.49
- (2) **New 10-ft. coiled DC extension cord.** Plugs into lighter socket. Lighter socket at other end. Rated 6 amps. 270-1522 ..... 6.99
- (4) **10-ft. DC extension cord.** As above, not coiled. 270-1536 ..... 5.99
- (3) **Modular two-outlet 12VDC adapter.** Rated 8 amps, total. 270-1525 ..... 6.99
- (4) **2-outlet 12VDC Y adapter.** 8 amps, total. 270-1535 ..... 5.99
- (5) **New 2-outlet 12VDC plug adapter.** Includes a cigarette lighter. 270-1524 ..... 19.99
- (6) **Three-outlet 12VDC plug adapter.** LED indicator. Neck adjusts up to 90°. 270-1550 ..... 12.99
- (7) **New 3-outlet adapter.** Has cord and a plug that fits car lighter socket. 3-LED battery condition monitor. 270-1523 ..... 12.99
- (8) **Lighter socket with battery clips.** Attaches to car battery to power 12VDC trouble lights, vacuum cleaners, etc. 270-1527 ..... 5.99
- (9) **12VDC accessory outlet.** Mounts under dash or in camper for powering 12VDC devices such as car phone. 270-1539 ..... 5.99
- (10) **Triple 12VDC accessory outlet.** Mounts under dash. Rated 15 amps, total. 270-1544 ..... 9.99
- (9) **Auto electrical system tester.** Just plug into your lighter socket. Color-coded LEDs help you spot battery and charging system problems. 22-1635 ..... 5.99
- (10) **12VDC lighter-style plug.** 8-ft. cord with stripped leads at other end. 270-021 ..... 3.49
- (11) **12VDC lighter-style plug.** Solderless. Accepts up to 14-gauge wires. Rated 6 amps. 274-331 ..... 1.69
- (11) **Heavy-duty 12VDC fused lighter plug.** Accepts fuse up to 7.5 amps. 274-335 ..... 2.39
- (13) **5-foot DC extension cord.** Extends cord of most DC and AC adapters. Coax-style plug at one end, socket at the other. 5.5mm O.D., 2.1mm I.D. size. 273-1648 ..... 3.99
- (13) **DC Y-cable.** Lets you power two DC devices from one adapter, such as a portable CD and amplified speakers. 273-1649 ..... 3.99
- (14) **New Automatic switch.** Switches car accessories such as radar detectors on when vehicle is started and off when the vehicle's engine is shut off. Plugs into lighter socket and accepts lighter-type plug. With 3A fuse. 270-1553 ..... 19.99



## Power your mobile CB or car stereo on home AC

Regulated power supply is ideal for powering most 12VDC devices or projects

on AC house current. Connect equipment to terminals or plug devices with a lighter plug into the socket. Lighted on/off switch. Breaker and thermal protection. Delivers 13.8VDC at up to 3 amps continuous. UL listed. 22-504 ..... 39.99



## New Compact 12VDC power supply with lighter socket is great for travel or home

Converts AC into 12VDC at up to 1 amp to power automotive accessories such as a cellular phone or battery charger indoors. RSU 11268265 ..... 19.99



## Power small AC appliances from vehicle's lighter socket

Great for camping, travel, emergencies. Just plug this inverter into vehicle's lighter socket and plug AC appliance into the inverter. Rated 140 watts continuous—great for shavers, small TVs, battery chargers. Only 1 1/4" x 4 3/4" x 2 1/2". 22-132 ..... 99.99



## Statpower® power inverters

NOTEpower®. This 50-watt inverter is ideal for operating or recharging notebook computers, cellular telephones and camcorders from your vehicle's lighter socket. RSU 10436343 ..... 69.99

NOTEpower 75. As above but handles up to 75 watts continuous. RSU 11932514 ..... 89.99



## Coiled replacement power cords put your radar/laser detector back to work

Plug into lighter socket. Extend to 6 feet. 1.3mm plug. 270-031 ..... 6.99  
2.1mm plug. 270-032 ..... 6.99  
2.5mm plug. 270-029 ..... 6.99



## New Operate higher-power mobile equipment on AC

Use this regulated 10-amp supply to power, test or service high-power 12VDC automotive equipment such as stereo power amps and Ham gear from AC house current. 22-506 ..... 99.99



## New Switching-type AC to 12VDC power supplies are lightweight and efficient

Rated 10 amps continuous. (14 amps surge). RSU 11902970 ..... 119.99

Rated 20 amps continuous. (25 amps surge). RSU 11902962 ..... 149.99



## Power larger AC appliances on vehicle DC power

Same function as #22-132 inverter at left but handles larger AC appliances such as a TV and VCR or computer, up to 220 watts continuous. Handles start-up surges up to 600 watts. 22-138 ..... 149.99



## High-power DC to AC inverters

PROwatt® 800. This rugged 800-watt model is the inverter of choice for operating small microwave ovens, coffee makers and small appliances. RSU 10436368 ..... 499.99  
24V input version. RSU 11660420 ..... 862.99  
230VAC 50Hz output. RSU 11660396 ..... 574.99

PROwatt 1500. With a serious 1500 watts of continuous power, use it to operate hair dryers, toasters and large microwave ovens. RSU 10436376 ..... 849.99  
24V input version. RSU 11660438 ..... 1,184.99  
230VAC 50Hz output. RSU 11660404 ..... 977.99

PROwatt 2500. Produces 2400 watts of power continuously, enough to operate numerous applications simultaneously. Can also operate heavy-duty loads like electric lawn mowers and circular saws. RSU 11660446 ..... 1,099.99



Special handle design keeps detector upright when placed on ground.

**Our most sensitive detector identifies metals more accurately**

Our best! Automatically adjusts to the mineral content of the ground to reduce false alerts. Hunt for coins, relics, jewelry, gold and silver just about anywhere. LCD electronic readout displays metal type being detected. Distinguishes between different types of metals and "tunes out" the ones you don't want to search for. 3-tone audio discrimination sounds distinctive tones for different types of metals. For example, the detector sounds a low tone for gold and nickels, a medium tone for old and new pull tabs and a high tone for copper, silver and brass. Notch feature can reject pull tabs, yet still detect coins. Waterproof search coil for accurate treasure hunting anywhere, even under water! Handle allows you to place on ground without detector tipping over. Stereo headphone jack lets you use headphones to save battery power and hear subtle responses. Low-battery indicator. Requires two 9V batteries. (TSP) **63-3012 . . . . . 299.99**



Waterproof search coil



Readouts indicate the metal type.

**High-Tech Help for Treasure Seekers**

Our metal detectors make hunting for buried treasure easy and fun. Choose one of 4 models to fit your interests and budget. Take one to the beach, the park, anywhere you might find valuable objects. Turn a hobby into a rewarding adventure the whole family will enjoy.



**Pro-style detector with dual LCD display and three-tone audio**

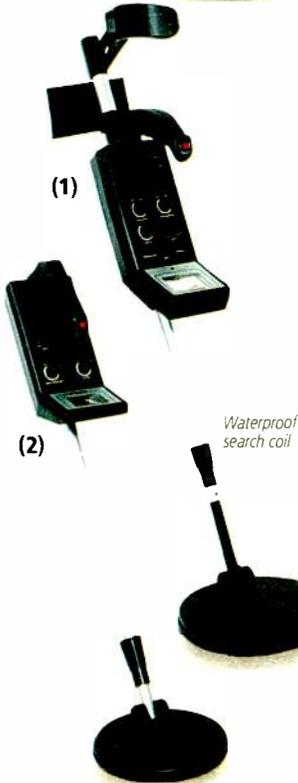
LCD electronic readout indicates metal types being detected. Locates coins and many other metal objects. Its search coil is waterproof, submersible in fresh or salt water. Listen to speaker or plug your headphones into the 1/4" jack to hear subtle responses more easily. Controls let you minimize response to items like pull tabs, while boosting indications to potentially valuable objects. Low-battery indicator. Adjustable shaft with arm rest. Designed with extra-lightweight materials for longer hunting time. Requires 2 9V batteries. (TSP) **63-3007 . . . . . 199.99**



Waterproof search coil

**New VLF discriminator metal detector really knows its stuff**

(1) Very low frequency design (VLF) and discriminator circuit help distinguish between ferrous metal (iron and steel) and non-ferrous metals such as gold and silver. With LEDs and three distinctive tones for different types of metals. Reduce false alerts by adjusting for the mineral content in different soils. Auto-tune for easy tuning, fine-tune for greater sensitivity. Adjustable shaft length and comfort arm support handle allows comfortable, longer use. Low-battery indicator, adjustable volume and waterproof search coil. Earphone jack for adding headphones. Requires 3 9V batteries. (TSP) **63-3006 . . . . . 99.99**



Waterproof search coil

(1)

(2)

**New Affordable metal detector will get you started in this fascinating hobby**

(2) You're sure to find fun! Ferrous/non-ferrous discriminator helps sort out precious metals from junk. Viewmeter indicates the iron content of object. Built-in speaker and 1/4" jack for adding an earphone to hear subtle tones. Adjust the volume for best sound. Auto-tune sets the sensitivity so you don't have to. Battery tester lets you check battery condition before you leave home. Shaft length adjusts for comfortable use. Requires 6 "AA" batteries. (TSP) **63-3005 . . . . . 49.99**



**Accessory search coil.** Detects all metals. Smaller 4" design for searching tight areas. Fits 63-3012, 63-3004, 63-3007 and 63-3008 metal detectors. **RSJ 10484954 . . . . . 29.99**



**Security Wand professional body scanner/metal detector**

Ideal for use in public buildings, courtrooms, schools, etc. No tuning or critical positioning is required. Can detect concealed weapons or much smaller items. Responds with an audio alert and warning light. Earphone jack. 3x16x1 1/8". Requires 9V alkaline or rechargeable battery. (TSP) **63-3010 . . . . . 99.99**

**New Digital desk/alarm clock sets itself—and it's accurate to within one-tenth of a second!**

A price and performance breakthrough—compare with others that cost much more. RadioShack's super-accurate auto-set clock sets itself by checking a special signal transmitted by the U.S. Government's radio station WWV\*. This signal is synchronized to the government's atomic clock in Boulder, Colorado. The result is incredible accuracy and convenience—you don't even have to set it for standard and daylight saving time changes. It "springs forward" and "falls back" automatically.

**Compact and battery powered**, this timepiece is equally at home on a desk or a bedside table. A crescendo-type alarm gently wakes or reminds you of appointments at the exact time you set. For a few extra winks, just tap the on-top "snooze" button and the clock resounds the alarm a few minutes later. The easy-to-read 2 $\frac{3}{8}$ "-wide LCD display has  $\frac{7}{16}$ "-high digits. Pushbutton backlight shuts off automatically after a few seconds. The display also provides month and date, U.S. time zone, radio signal-strength and low-battery indication. 4 $\frac{1}{16}$ " $\times$ 3 $\frac{3}{16}$ " $\times$ 1 $\frac{1}{4}$ ". Includes remote antenna to provide best reception of time signals. Requires 2 "AAA" batteries. (TSP) **63-970** ..... **49.99**

\*Also receives other world time stations.



Split-second accuracy!



Synchronized to the U.S. Government's precise atomic clock



Includes remote antenna for best reception of radio time signals



**Talking watches: great gifts!**

Really handy for everyone—you can hear the time anytime without having to look.

**With calendar, alarm and timer**

Loaded with features. Just push a button to hear the time or set it to announce the time on the hour. Use the alarm to remind you of appointments and calls to make. Displays month, date and day of the week. Built-in 59-minute countdown timer. Includes battery.

**63-5046** ..... **29.99**



**With "crowing rooster" alarm**

A clear voice announces the time hourly or at the touch of a button. Handy alarm helps keep you on time. Selectable talking/silent operation. LCD time display. Includes battery.

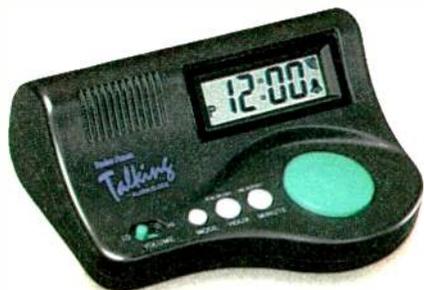
**63-5042** ..... **17.99**



**Talking timekeepers**



The timepieces shown below announce the time in a clear voice that makes them easier to set and fun to use. Great for kids or someone with impaired vision.



**This talking alarm clock wakes you with the crow of a rooster**

Press a button and a friendly voice tells you the time. You can also set the clock to chime and announce the time hourly. The voice and separate hour/minute buttons make time and alarm easy to set. High/low chime/announcement volume. 3 $\frac{3}{16}$ " $\times$ 4 $\frac{3}{16}$ " $\times$ 1 $\frac{1}{16}$ ". Requires 2 "AA" batteries. **63-915** ..... **14.99**



Slide-off key cover doubles as a stand



**New Talking timer! True human voice counts up, counts down**

Announces time left until zero and time after zero. 23 hours, 59 min., 59 sec. max. Choose from a variety of alarm sounds—a whistling kettle, car horn, beli, cuckoo, bouncing spring, or beep. With voice on/off switch and built-in clock. Stand, belt clip, magnet mount. 3 $\frac{1}{4}$ " $\times$ 2 $\frac{1}{2}$ " $\times$  $\frac{3}{16}$ ". With battery. **63-877** ... **15.99**



**Talking alarm clock travels well**

Hear time at a touch or set it to tell time hourly. Big-digit display. Rooster crow alarm. Cover doubles as a stand. 2 $\frac{1}{4}$ " $\times$ 3 $\frac{3}{16}$ " $\times$  $\frac{1}{2}$ ". With batteries.

**63-738** ..... **14.99**



**Keychain talking alarm clock**

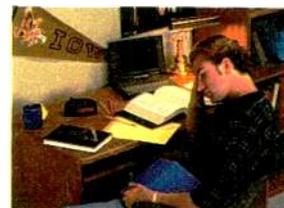
Time and key keeper for folks going places. Hear time at the touch of a button or every hour. Rooster crow alarm. 2 $\frac{1}{16}$ " $\times$ 1 $\frac{1}{16}$ " $\times$  $\frac{1}{16}$ ". With batteries.

**63-910** ..... **12.99**



Easy-to-use on-top controls

Super-loud alarm!



**Deeper sleeper? This LED clock has a super-loud alarm**

Alarm with selectable loud setting wakes the deepest sleeper. Need a few more minutes of rest? Just tap the snooze button. Easy-to-read 0.6" LED display. Daily alarm with "on" indicator. RadioShack's exclusive Battery Sentinel® LED warns you if backup battery is weak or missing. UL Listed AC. Backup to keep you on time if power fails. 2 $\frac{1}{16}$ " $\times$ 5 $\frac{1}{16}$ " $\times$ 3 $\frac{1}{16}$ ". Requires 9V battery for backup. **63-741** ..... **15.99**



Deep sleeper? Wake up!



Available November, 1997

### New Extra-loud alarm clock has huge 2"-high digits—easy to read from across a room

The alarm clock for deep sleepers. Set it to wake with either a piercing 105-decibel or a normal 80-decibel alarm. The easy-to-read display has 2"-high red LED digits with PM, alarm "on" and Battery Sentinel indicators, plus selectable high/low display brightness. Touch the large, centered snooze control to get a few extra minutes of rest before the alarm resounds. You won't oversleep if there's a power failure—a battery backup system keeps the clock on time (without display) and sounds the alarm at the correct time. Battery Sentinel LED indicator alerts you when the backup battery is weak or missing. UL listed AC. 3<sup>3</sup>/<sub>8</sub>×8<sup>1</sup>/<sub>16</sub>×3<sup>1</sup>/<sub>2</sub>". 63-960 . . . . . 24.99



### Big-display alarm clock is easy on your eyes

Big 1.4"-high LED digits, high/low brightness. Snooze button, separate hour/minute buttons for easy setting. UL listed AC. Battery backup/Sentinel. Requires 9V battery for backup. 3<sup>1</sup>/<sub>4</sub>×7<sup>1</sup>/<sub>16</sub>×2<sup>1</sup>/<sub>16</sub>". 63-796 . . . 17.99



### LED alarm clock sets quickly and easily

Change wake times often? One large control sets alarm. 0.6" LED digits, snooze. UL listed AC. Battery backup/Sentinel. 3<sup>3</sup>/<sub>4</sub>×5×2". 63-771 . . . . 14.99



Available Oct., 1997

### New Compact LED alarm clock is a big value

The one to choose for a crowded bedside table or desk. Features 0.7"-high red LED digits, LED PM and alarm "on" indicators, snooze button for a few extra winks. UL listed AC. Battery backup/Battery Sentinel. 2<sup>1</sup>/<sub>16</sub>×4<sup>3</sup>/<sub>16</sub>×3<sup>1</sup>/<sub>4</sub>". 63-971 . . . . . 10.99



Backlit display

### Travel alarm with big backlit LED display

Big 1<sup>1</sup>/<sub>8</sub>" LCD display is easy to see day or night. Touch a button to light it for 3 seconds. Dual display shows time and alarm-set time. Crescendo alarm wakes gradually. 5-minute snooze. 4<sup>1</sup>/<sub>2</sub>×2<sup>7</sup>/<sub>16</sub>×3<sup>1</sup>/<sub>4</sub>". Requires 2 "AAA" batteries. 63-739 . . . . . 19.99



### RadioShack's AC-powered alarm clocks stay on time even if AC fails.

**RadioShack 9V Energell® battery.** You can count on it to keep your alarm clock backed up in case of accidental power failure. Use RadioShack Energell batteries to keep all your equipment working harder and longer.

**Battery Sentinel®.** RadioShack exclusive! An LED alerts you if backup battery is weak or not installed. **Battery backup system.** If AC fails, a battery powers the clock for up to eight hours (without display) and sounds alarm at the correct time.



### Timers for cooking & more



### Easy-to-set timer counts up or down

Numeric keypad lets you enter times directly. Counts down from 99 minutes, 99 seconds. Memory. Includes battery. 63-878 . . . . . 12.99



### Dual timers with large display

Combines two count-up or count-down timers in one housing. Counts up to 30 hours. Beep tone. With battery. 63-898 . . . . 15.99



### Count up/down precision timer

Counts down, beeps, then counts up. 99 minutes, 59 seconds maximum timing. Includes battery. 63-897 . . . . . 12.99



### New Jumbo-display dual timer/clock

Counts up after countdown. Timer range: 99 hours, 59 minutes, 59 sec. max. Memory recall function. With battery. 63-899 . . . . 15.99



### New Talking timer counts up or down

Talking timer/clock has speaking voice and six alarm sounds. See more detailed description on facing page. 63-877 . . . . . 15.99

### Special-feature clocks



### Anywhere® clock

With bracket to mount on wall, car dash, anywhere! Clock slides in/out. With battery. 63-736 . . . . . 7.99



### Big LCD display

Ultra-thin clock with easy-to-read 1<sup>1</sup>/<sub>8</sub>" display. For desk or wall. Requires "AAA" battery. 63-743 . . . . . 17.99



Stand folds for travel

### Travel clock with crescendo alarm

Alarm's 4-step volume wakes you gently. Has snooze control, backlit display. Requires "AAA" battery. 63-720 . . . . . 14.99



Flip me over!

### Alarm, date, timer and temperature

Simply flip it to switch between time, temperature (F° or C°), month/date/day or 24-hour timer. 4×4×1<sup>1</sup>/<sub>2</sub>". Batteries included. 63-742 . . . . . 29.99



### Desk timepiece is a showpiece

1<sup>1</sup>/<sub>4</sub>"-high LCD digits show time or alternating month/day and time. Handsome 4<sup>1</sup>/<sub>2</sub>"-high tubular metal frame. With battery. 63-729 . . . . . 19.99



Backlit display

### Travel alarm has a classic clock face

Quartz accuracy! 4-level crescendo alarm wakes gradually. Snooze control. 2<sup>1</sup>/<sub>16</sub>×2<sup>7</sup>/<sub>16</sub>×1<sup>1</sup>/<sub>16</sub>". Requires "AA" battery. 63-957 . . . . 11.99



Casio illuminated watches



- (1) **G-SHOCK watch.** Tough and rugged Illuminator loaded with features. Water resistant up to 200 meters. Countdown timer alarm. 1/100th second stopwatch. Scratch-resistant mineral glass cover. (TSP) 63-5240 ..... 64.99
- (2) **New Analog watch.** Great-looking timepiece with illuminated, easy-to-read numbers. Accurate quartz movement. With second hand. Water resistant. 63-5265 ..... 21.99
- (3) **New Women's analog.** Simple yet stylish analog quartz watch—great for everyday use. Illuminated, water resistant. With second hand. 63-5260 ..... 23.99
- (4) **New Women's alarm watch.** Attractive illuminated watch is water resistant up to 50 meters. 1/100th second stopwatch, auto-calendar, daily and hourly alarm function. 63-5271 ..... 25.99
- (5) **Casual/sports watch.** Push-button illumination, water-resistant, hourly and daily alarm. (TSP) 63-5249 ..... 18.99

- (6) **Digital watch.** Large LCD display. Stopwatch, daily alarm and automatic calendar. Luminous, water resistant. 63-5205 ..... 17.99
- (7) **New Alarm watch.** Loaded with features to keep you on time! Countdown alarm with auto-repeat function. 1/100th second stopwatch with 4 timer modes. Water resistant up to 100 meters. Daily and hourly alarm. Automatic calendar, illuminated display. (TSP) 63-5270 ..... 34.99
- (8) **New Casual/sport watch.** Illuminated watch with automatic calendar. 1/100th second stopwatch with net, split, 1st and 2nd place times. Daily and hourly alarm. Water resistant to 50 meters. 63-5268 ..... 21.99
- (9) **New Illuminator watch.** Display lights up at the touch of a button. Water resistant to 100 meters. Shows time in both formats. 1/100th second stopwatch. (TSP) 63-5267 ..... 29.99

Casio watches you can wear anywhere



- (10) **Marine watch.** Great for divers. Heavy-duty design for watery depths up to 200 meters. Dual-time function and stopwatch. (TSP) 63-5236 ..... 44.99
- (11) **Sports watch.** Great overall performer. Water resistant up to 50 meters. Dual time display, multifunction alarm, 1/100th second stopwatch. 63-5208 ..... 24.99
- (12) **Exercise/pulse monitor watch.** Takes your pulse. With countdown alarm and stopwatch. Two daily alarms. Water resistant up to 50 meters. (TSP) 63-5229 ..... 59.99
- (13) **New Alarm watch.** Daily and hourly alarm with automatic calendar. 1/100th second stopwatch. Water resistant. 63-5272 ..... 25.99

- (14) **Sleek analog/digital.** Hourly time signal, daily alarm and 1/100th second stopwatch. Shows time in both formats. Water resistant. 63-5214 ..... 29.99
- (15) **Basic timekeeper.** Keep it simple. Big LCD shows time and date. Hourly/daily alarm. Stopwatch. Water resistant. (TSP) 63-5250 ..... 21.99
- (16) **Analog watch.** Elegant watch designed for everyday use. Water-resistant covering and sweep second hand. 63-5206 ..... 17.99
- (17) **Calculator watch.** Always have a calculator handy! 8-digit display. Stopwatch, hourly/daily alarm. Water resistant. 63-5207 ..... 19.99

Casio specialty watches



- (18) **TV/VCR remote control watch.** Always searching for the remote control? Attach one to your wrist! Control your TV, VCR, and cable box at the touch of a button. Stopwatch. Daily alarm, hourly chime. (TSP) 63-5228 ..... 59.99



- (19) **New Exercise/pulse monitor watch.** Backlit watch measures calorie consumption, number of steps and distance covered. Pacer signal function. Stopwatch, countdown alarm, hourly/daily alarm. (TSP) 63-5273 ..... 34.99



- (20) **New Illuminated data bank watch.** Recall up to 150 phone numbers/memos at the touch of a button! Calculator, data memory protection. Stopwatch, dual time modes. (TSP) 63-5266, 59.99
- (21) **New Water-resistant data bank watch.** Up to 150 meters. 30-number telememo, calculator, 1/100th second stopwatch. 5 multifunction alarms. Illuminated. (TSP) 63-5262 ..... 44.99



**Gift set includes:**

- water-resistant watch
- keychain flashlight
- emergency survival cards (not shown)



**New Water-resistant watch and keychain flashlight gift set—a must for campers and hikers**

Don't leave home without this set! Rugged watch is water-resistant to 30 meters. Display shows month/day/day of week. Daily alarm and hourly chime. Set also includes a handy keychain with flashlight and 5 pocket-sized emergency survival instruction cards. 63-5038..... 19.99



"Personal Trainer"

**Measure your progress as you exercise!** Both this Casio watch and #63-5229 on the facing page measure your heart rate and distance walked. And, this one even shows you how many calories you've burned! See the section at right for other electronics that help you get a better workout.

**CASIO®**



**Time to Visit RadioShack**

RadioShack is the place to shop for that special timepiece. We have watches that will take your pulse, measure how far you walk and even turn on your TV set. Visit us today to see our complete selection!

**Whether you're competing or working out, we can help keep you on track!**

Our water-resistant pedometer measures how far you've traveled and how much energy you've used. Plus, runners and coaches alike can depend on our stopwatches for accurate results every time.



Includes earbuds

**New 6-digit watch with FM radio**

Your favorite music is always at arm's length! Radio has FM auto tuning with hi/lo volume control. 6-digit display with daily alarm, hourly chime and day of week indicator. Times extended events from 1/100th second to 9 hours, 59 minutes and 59 seconds. 63-5039..... 24.99

**New The ultimate workout watch**

The perfect exercise companion for an intense workout or just a walk around the block. Illuminator watch measures your pulse, calorie consumption, number of steps and distance covered. Pacer signal function. Stopwatch, countdown alarm, hourly/daily alarm. 63-5273..... 34.99



Available Oct., 1997

**New Measure your mileage with this digital pedometer**

Great for walkers and joggers. Belt-mounted pedometer accurately measures up to 99,999 steps or 999.99 miles. Calorie meter up to 9,999 calories. Step meter adjustment for more precise measurement of your stride. Compact—measures approximately 1 1/4 x 2 1/8 x 1". 63-618..... 14.99



Time and date display

(1) **LCD watch/pen.** Displays time and date. Accepts standard ink refill. Brushed-chrome metal housing. 63-5093..... 5.99  
Ink refill. RSU 11267630..... 1.49



(2) **New Analog watch with EL light.** Electroluminescent light for easier viewing at night or in a dark room. Water-resistant to 30 meters. Hour/minute/second arms. 63-5037..... 21.99



(3) **New 6-digit alarm watch.** Display shows hours, minutes and seconds. Daily alarm, hourly chime. Month, day/day of week indicator. Water-resistant to 30 meters. Backlit display. 63-5097..... 11.99



Available Nov. 1997

(4) **New 6-digit alarm watch.** Display shows hours, minutes and seconds. Daily alarm, hourly chime. Month, day/day of week indicator. Water-resistant to 30 meters. Backlit display. 63-5097..... 11.99

(5) **New Big-digit alarm stopwatch.** Water resistant. With 10 recallable lap memories—great for timing athletic events. Daily alarm, hourly chime. Countdown timer. Backlit display. 63-5015..... 24.99

(6) **LCD sport stopwatch.** Water resistant. Lap and split times. Easy-to-read display. Neck cord. With battery. Times extended events up to 9 hours and 59 minutes. 63-5014..... 19.99



# Check the Temp At a Glance

Whether you want to know the temperature inside or outside, RadioShack has an electronic thermometer that can help make your life more comfortable.



Mounts easily on wall or can be set on desk

## Indoor/outdoor thermometer and humidity gauge

Simultaneously displays indoor and outdoor temperatures. Measures indoor relative humidity, too. Display indicates when temperature and relative humidity are in the optimum range to help you maintain an ideal environment in your home or office. F° or C° readouts. Memory records highest and lowest readings since last reset. Requires 2 "AA" batteries. Set on desk or mount on wall. 63-867 ..... 29.99



For desk or wall

## Dual-display thermometer with jumbo digits

Easy-to-read jumbo 3 1/8" x 2 7/8" LCD display shows the indoor and outdoor temperatures simultaneously. Constantly samples indoor and outdoor temperatures for accurate, up-to-the minute readings. Stores minimum and maximum temperatures recorded since the last time you reset it or replaced the batteries. Switchable Celsius or Fahrenheit readout. For desk or wall. Requires "AAA" battery. 63-869 ..... 29.99

## Know the temperature and the relative humidity instantly

Electronic humidity gauges and thermometers provide accurate readouts of current conditions so you can adjust a humidifier or heating and cooling system to the most comfortable settings. Plus, you can recall the highest and lowest temperature since last reset at the touch of a button.

## Get the right temperature!

Why call for the temperature from a service that may be miles away or on the top of a tall building? Our indoor/outdoor thermometers let you know what the temperature is inside or outside your own home or office!



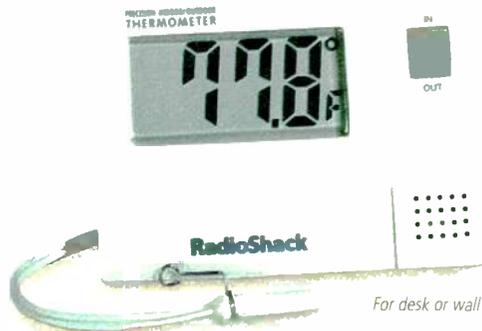
For desk or wall



## Indoor thermometer with humidity gauge

Shows indoor temperature and the relative humidity in the room. Display indicates when temperature and humidity are ideal. Great for helping you maintain optimum humidity levels for people or plants. Stores last high and low temperatures and humidity readings since last reset. Comes with a bracket and tape for wall mounting, built-in stand for setting on a flat surface. Requires 2 "AAA" batteries.

63-855 ..... 24.99



For desk or wall

## Indoor/outdoor with large easy-to-read display

Easy-to-see digital thermometer constantly monitors changes to provide up-to-the-second temperatures. Place on desk or mount on wall. Big display can be read across a room. Choose Celsius or Fahrenheit readout. Includes battery.

63-1009 ..... 15.99



# Keep Up With Weather Conditions

We have a wide selection of electronic thermometers and other weather devices to help you stay on top of the latest changes in the weather.



Desk or wall mount

## Indoor/outdoor thermometer with weather forecaster

It's like having your own personal meteorologist! Unique thermometer actually forecasts the weather for the next 12 hours with 70% accuracy (based on temperature and barometric pressure readings). Dual display shows indoor and outdoor temperature simultaneously. Helps you plan outdoor activities or know how to dress the kids for school. Four easy-to-read symbols tell the forecast: sunny, partly sunny, cloudy, or rainy. Outdoor temperature sensor wire is 9½-foot long. Choose Celsius or Fahrenheit readout. Measures indoor temperatures from +32° to +122°F and outdoor

temperatures from -58° to +158°F. Put anywhere—set on a flat surface or mount on a wall. Requires 4 "AAA" batteries. (TSP) 63-1025 ..... 49.99

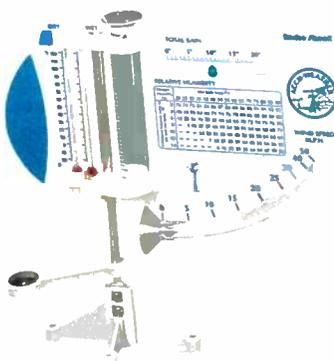


Desk or wall mount

Front panel covers controls

## New Talking thermometer with clock tells you the indoor and outdoor temperatures

Thermometer and clock in one! An easy-to-understand human voice reports the temperature when you want it—by pressing a button, on the hour, or at a set alarm time. Also sounds high and low temperature alerts to warn you of extreme conditions. Large display can be set to show indoor and outdoor temperatures, indoor temperature and time, or outdoor temperature and time. Display and voice can also report each day's high and low temperatures and the high and low temperatures since last reset. Switchable between Celsius and Fahrenheit. Requires 2 "AAA" batteries. 63-1012 ..... 24.99



Desk or wall mount

## 6-in-1 weather station lets you measure weather conditions

Great fun for students or anyone interested in the weather—and educational. Instruments for measuring wind speed, wind direction, air temperature, wind chill, relative humidity and rainfall. Includes references and charts to help you understand the weather and weather forecasting. Includes mounting hardware so you can easily and securely place the weather station where you want it.

63-868 ..... 14.99

## New Dual-display thermometer shows indoor/outdoor readings

One quick glance at this thermometer shows you the inside temperature and the outside temperature. Know how to dress the kids or when to bring in pets or plants. Features a wide temperature range of +32° to +122°F inside and -58° to +158°F outside. Choose Celsius or Fahrenheit readings. Memory stores high and low temps since last reset. Set on counter or mount on wall. Requires "AA" battery.

63-1021 ..... 21.99



Quick and easy mounting

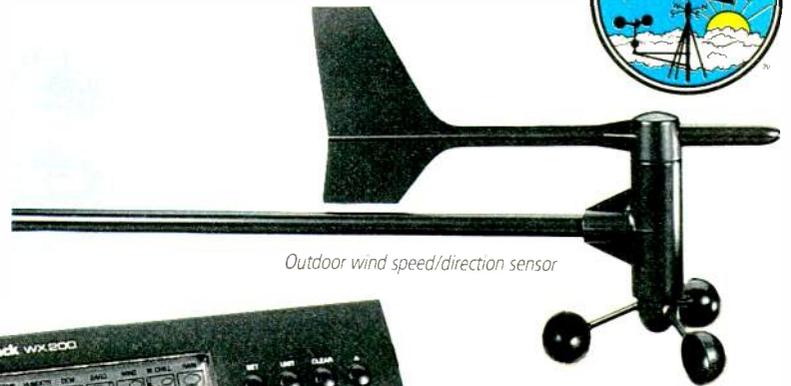
## Car/RV thermometer shows inside or outside temperature

Know the temperature while traveling. Change from inside to outside reading at the touch of a button. Choose C° or F° readout. Backlight for reading in dim light. Includes battery. 63-1019 ..... 15.99



# Complete Home Weather Station

Accurate, easy to use and highly educational for everyone! This is a complete, affordable weather station developed by RadioShack and AccuWeather, Inc.—the leading supplier of weather forecasts and data to the public. It's ideal for students, teachers, gardeners, farmers, outdoor workers, and anyone who has an interest in the weather.



Outdoor wind speed/direction sensor



Outdoor rainfall sensor



Indoor display

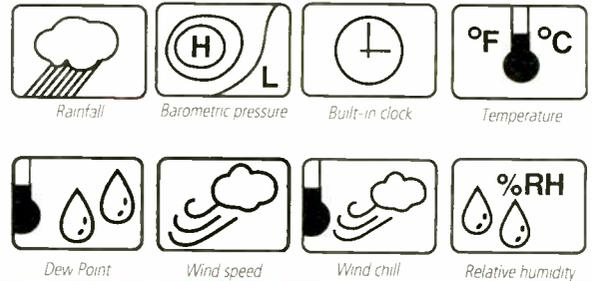
Outdoor temperature and humidity sensor



**New Displays and records every important weather measurement at your location, even forecasts your local weather 12 to 24 hours in advance!**

**WX 200.** RadioShack and AccuWeather® put it all at your fingertips—temperature, relative humidity, dew point (indoors and out) plus barometric pressure, wind speed/direction, wind chill, rainfall amounts and rates. An electronic sensor *continuously* measures rainfall so there's no need to empty a gauge. Compact indoor control unit has a backlit LCD display with easy-to-understand icons (shown at right). Memory records highest and lowest readings for all measurements, and is resettable for each measurement separately. WX 200 has an alarm you can set to sound when measurements go beyond limits you specify, such as high winds or temperature extremes. Built-in alarm clock. Includes outdoor sensors and 30-ft. (non-extendable) connecting cables with modular plug-in connections, mounting hardware, UL listed AC adapter, plus detailed operating manuals. Battery backup requires 8 "AAA" batteries. (TSP) 63-1015 . . . . . 299.99

Current weather conditions at a glance! The icons on the display make it easy to read and understand the measurements.



**PLUS, included software lets you connect the station to your computer for even more versatility**

## AccuWeather for Windows™ weather-station software

Included software lets you record station measurements to an almanac, display and graph them, set weather-activated alarms, and read computer-generated forecasts. Requires shielded serial cable, 10-ft. maximum length, not included. See page 265

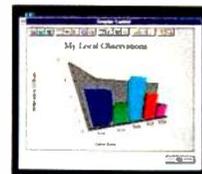


Software also allows you to go on-line with the AccuData™ service from AccuWeather and see weather data, even radar and satellite images for your area or anywhere in the world™. NOTE: This requires a modem and a subscription to AccuData on-line service, not included



See all this on your computer screen.

- Temperature • Relative humidity
- Dew point • Barometric pressure
- Wind chill or heat index
- Wind speed • Wind direction
- Rainfall • Total rainfall
- Sunrise and sunset times
- Moonrise and moonset times



Graph all information in an almanac including normal temperatures, rainfall, snowfall, heating-degree days

Almanac lets you store and easily access weather information for your location for years

**Minimum computer requirements for AccuWeather for Windows software:** IBM-compatible PC with 386/33MHz processor, 4MB RAM, VGA monitor, 256 video card, 11MB free space on hard drive, MS-DOS 5.0, MS Windows 3.1 or later, Mouse or pointing device, Windows-compatible printer (optional), one serial port. AccuWeather and AccuData are registered trademarks of AccuWeather, Inc. MS-DOS and Windows are registered trademarks of Microsoft Corp.

**Recommended computer requirements:** IBM-compatible PC with 486/66MHz processor, 16MB or more RAM, VGA monitor with 256 video card, 100MB free space on hard drive, 9600 bps or higher speed modem for access to AccuData on-line service, MS-DOS 5.0, MS Windows 3.1 or later, mouse or pointing device, Windows-compatible printer (optional), 2 serial ports.

# Your 24-Hour "Hotline" to the Weather

Weatheradio receivers bring you the latest reports and forecasts from the NOAA Weather Radio station serving your area. Most stations operate 24 hours.



Easy-entry keypad

## New 7-channel\* desktop style with SAME alert

NWR-SAME (Specific Area Message Encoding) alert warns of dangerous weather by localizing alert signals to a specific area. A programmable location code makes sure you'll hear the information which applies only to your area. Digital display lets you see the type of alert being broadcast. One-touch on/off bar for instant access to information when the alert sounds. Drift-free reception helps reduce static so you can clearly hear vital information. Up to 40-mile range. Jack for adding an external antenna for an even stronger signal in remote areas. UL listed AC. Battery backup in case AC fails. Backup requires 9V battery. (TSP) 12-249 ..... **79.99**

## Know when severe weather or other hazards are coming

Storm alerts, forecasts and travel advisories are at your fingertips with a Weatheradio receiver. And you'll also hear information about other types of hazards such as earthquakes, chemical releases and oil spills. Models with Alert feature will even sound a warning signal when dangerous weather is approaching or other hazards occur! You'll get advance warning of threatening weather, and you'll know how to dress the kids for school. A Weatheradio is a "must" for boaters, hunters, campers, golfers, hikers, coaches and anyone who works outdoors. We offer desktop and portable models, plus CBs with Weatheradio receivers built in—see page 60. In addition, all of our scanner radios (pages 54-59) receive NOAA Weather Radio.

A new technology now available can target emergency information to a specific area. SAME (Specific Area Message Encoding) system can provide NOAA Weather Radio information to a single county or area of a county that may be in immediate danger.



## AM/FM clock radio with Alert and 7 weather channels\*

**Optimus CR-307.** Sounds alarm when weather station transmits an alert. Touch button for details during alerts, or to hear forecasts anytime. Receives all seven U.S. weather frequencies. Clock radio wakes with AM, FM, weather or buzzer. Sleep and snooze, easy-to-read display, dimmer, battery backup/Battery Sentinel®, 1/8" earphone jack. 2 3/8 x 8 1/8 x 5 1/8". Backup requires 9V battery. (TSP) 12-1610. .... **49.99**



## Pocket size with Alert and 7 channels\*

Take it along to get advance warning of approaching bad weather. When the weather station transmits its alert signal just flip a switch to get details. Flip the switch anytime to hear weather updates. Precise digital-PLL tuning, alarm-test, alert-lock, telescoping antenna. Up to 40-mile range. Requires 3 "AAA" batteries. (TSP) Was \$39.99 in '97 catalog. 12-246 ..... **New Low Price! 29.99**



## Multiband portable—weather, TV sound, VHF-air, AM and FM

Tunes all seven NOAA weather frequencies, TV sound on ch. 2-13, and exciting talk between aircraft and airports. Speaker, earphone jack, big 7-scale dial for easy tuning. 4 3/16 x 7 1/2 x 1 1/8". Requires 4 "AA" batteries or adapter: AC #273-1662, DC #273-1802. (TSP) 12-456 ..... **39.99**



## Compact 3-channel portable

Don't get caught in a storm! Take it with you on all outdoor activities. High-quality crystal-controlled circuit provides easy set-once tuning, drift-free reception, and up to 40-mile range. Easy to take along—only 4 1/4 x 2 3/8 x 7/8" thin, weighs just 4.4 ounces. Telescoping whip antenna, wrist carry strap. Requires 9V battery. 12-244 ..... **19.99**



## Digital-PLL circuit and 7 channels\*

Digital-PLL circuitry provides set-once tuning and drift-free reception. Hear local weather in any area—receives all seven weather frequencies. Up to 40-mile range. 1 1/8 x 5 1/8 x 4 1/8". Requires 9V battery or AC adapter #273-1662. (TSP) Was \$39.99 in '97 catalog. 12-243 ..... **New Low Price! 29.99**



## 7-channel\* desk "cube" Weatheradio

RadioShack's famous "cube" Weatheradio with improved styling and performance. Receives the three main NOAA weather frequencies plus four other frequencies now used in some areas. Up to 25-mile

range. Set the hidden tuning and volume controls only once. From then on, just press the play bar for accurate and timely weather information. About 3" on each side. Requires 9V battery. 12-239 ... **19.99**



## New Sports design with 7 channels\* and Alert

Rugged, water-resistant design makes it ideal for fishing trips or other outdoor activities. It's bright yellow so it's easy to see. Sounds an alert when the weather station transmits its alert signal. Alert lock provides a visible sign that an alert has been broadcast in case you aren't there to hear it. Requires 3 "AA" batteries. (TSP) 12-248 ..... **49.99**



## Desktop style with Alert, digital tuning and 7 channels\*

Sounds a full-volume alarm when the weather station transmits its alert signal. Just tap a button to get details during alerts. Tap the button anytime to hear latest weather conditions. Flashing LED shows if an alert was received while you were away. Precise set-once digital tuning, alarm-test, alert-lock, up to 40-mile range. 1 1/16 x 6 1/16 x 4 7/16". UL listed AC operation. Backup powers alert and radio if AC fails. Backup requires 9V battery. (TSP) Was \$49.99 in '97 catalog. 12-247 ..... **New Low Price! 39.99**

\*7-channel Weatheradios receive the three main weather frequencies—162.400, 162.475 and 162.550MHz—plus the newer frequencies used in some areas—162.425, 162.450, 162.500 and 162.525MHz. Reception ranges are approximate and depend upon your location and terrain. Weatheradio® is a registered trademark of Tandy Corporation/RadioShack.





### New Companion Chess: affordable & loaded with features

Learn to play chess—piece by piece! 5 unique teaching modes let you learn the basic moves and master the tactics of particular pieces quickly. 64 playing levels provide exciting chess action even for the experienced player. You can play the computer or learn as the computer plays itself. Two-player mode lets you play against a friend while the computer acts as a referee. LCD screen keeps track of time and shows piece position and last move. Rule Enforcement, Save Game and Take Back functions included. Requires 2 "AA" batteries. **60-2216** . . . . . **39.99**  
**Extra set of chess pieces. RSU 10669133** . . . . . **8.99**



## Checkmate!

*Chess—The Ultimate Mind Game*

*Enjoy the classic game of strategy with an electronic partner that teaches and challenges you every step of the way—beginner to master!*

*At home or on the road, there's an electronic chess game that's just right for you. Someday you could be a World Chess Champion!*



*Closes for travel*

### Portable Chess—the game for players on the go

Goes anywhere—folding case makes it easy to carry along. 64 levels of play. Position Verification lets you determine the position of the pieces in case the board is disturbed. Pause lets you turn off the computer and continue the game later—perfect for commuters. You can take back up to six moves and try a new approach, or even ask the computer to suggest your next move. Rule Enforcement prevents illegal moves. Problem Setup for practicing difficult situations. You can even play against another person and let the computer referee. Requires 3 "AA" batteries. (TSP) **60-2444** . . . . . **49.99**  
**Extra set of chess pieces. RSU 11450285** . . . . . **4.99**



### Chess Partner—a stylish game with a sensory chessboard

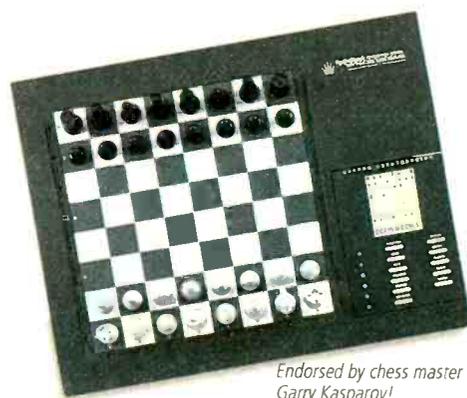
A top-quality electronic chess game that's fit for a king! Enjoy chess competition on any level with this attractive table-top chess computer. A big, clear, custom LCD screen gives you a wealth of information. There are 64 skill levels—including fun and puzzle levels to help you advance at your own pace. Setup function lets you arrange pieces any way you wish, so you can practice escaping difficult situations. And you have the option of taking back up to six moves. The 8" sensory keyboard comes with 2" tall pieces. Requires 4 "AA" batteries or AC adapter, #273-1455. (TSP) **60-2428** . . . . . **69.99**  
**Extra set of chess pieces. RSU 11180007** . . . . . **14.99**



*Endorsed by chess master Garry Kasparov!*

### Champion-endorsed Master 2200X Chess Computer

Endorsed by World Computer Chess Champion, Garry Kasparov! Features 64 exciting levels, including Blitz games, the most popular Tournament controls and Fun levels. The Master 2200X is demanding of experts and forgiving towards beginners—it's a great teacher of the classic game of strategy. Individual option controls offer virtually thousands of different level settings. Programmable LCD displays all information that a player may need. The display even emulates the ticking of a chess clock for realistic game play. Requires 6 "C" batteries or AC adapter #273-1662. (TSP) **60-2213** . . . . . **99.99**  
**Extra set of chess pieces. RSU 11687647** . . . . . **14.99**



*Endorsed by chess master Garry Kasparov!*

### The ultimate challenge: Our Champion 2250 Chess Computer with larger chess board

Our best chess game! 64 levels of chess—challenging fun for the advanced player or the curious beginner. Chessboard is larger for easier play. Features flexible playing styles, multiple play settings (including Blitz and Tournament), three different playing mode options and fun levels. With screen autotracking, a built-in display that provides the player with all movement information. Automatic power down feature with long-term memory saves battery power and your game. Requires 6 "C" batteries or AC adapter #273-1662. (TSP) **60-2215** . . . . . **169.99**  
**Extra set of chess pieces. RSU 11688660** . . . . . **16.99**

#### POWER OPTIONS

See Index for these listings:

AC Adapters • Batteries • Chargers

Items with an RSU number are available for fast shipment direct to your door from Radio Shack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4.





**New Hearts**

Not enough room to spread out the cards for an exciting game of Hearts? Play the electronic version—there are no cards to shuffle or pick up! Great for travel. Challenge 3 different computer opponents. Three skill levels. Protective case and batteries are included. **60-2667 . . . . . 14.99**



**New Championship Golf**

Tee it up anywhere! This handheld game makes it easy for you to play golf—rain or shine. You and a friend can play 18 challenging holes with 12 different clubs. Face difficult ground conditions and wind direction on each hole. Features automatic scoring and sound effects. Batteries included. **60-2666 . . . 15.99**

# Take Us On The Road

At RadioShack, you'll find all kinds of electronic games that will challenge your skills when you're on the road or just relaxing at home. Whether it's poker, slots or golf—we'll keep you entertained!



**Electronic Othello®**

Challenge yourself with this classic strategy game. Take turns with the computer flipping chips—if you finish with more of your colored chips showing, you win! Three playing levels keep the action high. Batteries included. **60-2660 . . . . . 19.99**



**New Deluxe Slot**

Ready to try your luck? You'll have hours of fun playing this exciting handheld slot game that features real casino action and sound effects. With 5-key operation, you can play, bet, max bet, spin and toggle the sound on/off. Requires 1 "AAA" battery. **60-2669 . . . . . 15.99**



**New Deluxe 2-player Blackjack**

Portable Blackjack! Pick 1 or 6 decks—just like real casinos. Play one or two players. Shows all players' cards at the same time. Automatic shuffling, point counting and score keeping. Lets you split, double-down, vary your bet and buy card insurance. Requires 2 "AAA" batteries. **60-2668 . . . . . 15.99**



**Blackjack**

Pint-sized blackjack game with big Las Vegas casino action. Features surrender, doubledown, split and stand. Auto shut off saves power. Requires "AAA" battery. **60-2651 . . . . . 7.99**



**New Deluxe 2-player Poker**

Double the fun and challenge a friend! This handheld deluxe poker game lets you practice your poker skills and your poker face, too. Captures all the excitement of real poker—so get ready to win! Features hold, fold, draw, bet, sound effects. Requires 2 "AAA" batteries. **60-2670 . . . . . 15.99**



**Handheld Billiards**

Enjoy the feel and fun of billiards anywhere with handheld billiards. Features a large screen display, three billiard games with exciting sound effects. Auto power off saves batteries. Requires 2 "AAA" batteries. **60-2657 . . . . . 15.99**



**Slot Machine**

Feeling lucky? Try to beat this one-armed bandit! Features hours of Las Vegas fun. Easy to read display and "casino" sound effects put you in the center of all the action. Requires "AAA" battery. **60-2652 . . . 7.99**



**Draw Poker**

Compact design lets you play anywhere. Large display makes it easy to see your "hand" clearly. Hold, cancel and draw buttons. Requires "AAA" battery. **60-2653 . . . . . 7.99**



# Karaoke Lets You Be a Star

We've got everything you need to step into the spotlight. Once you experience the thrill of karaoke from RadioShack, your parties and family gatherings will never be the same again.

## Stereo-ready\* karaoke with aux jacks for easy connection to your VCR

Add a VCR (see below) and see song lyrics on your TV while you sing! Stereo-ready—plays through built-in 6½" speaker, or add another speaker for brilliant stereo sound. Controls for fader, master volume, mic volume, auto-voice and echo. Built-in 5-band equalizer. Two mic jacks—just add another microphone for duet performances. Dual-dubbing cassette deck with continuous play. Output jacks for connection to a PA system or home stereo. With microphone. 16½" high. UL listed AC (or 8 "D" batteries or DC adapter #270-1534, extra). (TSP) **32-1160..... 149.99**



## Stereo-ready\* karaoke system with 2-way speaker

Two-way speaker has 2" tweeter for brilliant highs, 8" woofer for crisp bass. 5-band equalizer. Auto-voice replaces the singer's voice with your own. Aux in/out jacks—add a VCR for song lyrics on your TV while you sing. Dual cassette with continuous playback. 23" high. UL listed AC (or 8 "D" batteries or DC adapter #270-1534, extra.) (TSP) **32-1161..... 199.99**



## Add a VCR and see the lyrics on your TV—it's easy and fun!

Karaoke is even more fun when you hook it up to your VCR. Just insert a karaoke video tape (available through RadioShack Unlimited) into your VCR and the lyrics and music video appear on your TV while you sing along! The connection is simple—just run a standard patch cable (#42-2358, sold on page 121) from your VCR audio output jack to the aux input on your karaoke. It's easy!



## Karaoke Mate voice-cancelling system

Turn your stereo into a karaoke system—no special CDs or tapes required! Just connect it between a VCR, CD player or tape deck and your amplifier to virtually remove the vocals from your favorite music and videos. Adjustable echo control for exciting "concert hall" effect. Dual mic jacks with separate volume controls for custom duet performances. Includes microphone. Requires 6 "C" batteries or AC adapter #273-1652. **32-1158..... 29.99**



## Big stereo-ready\* dual-cassette karaoke with AM/FM radio

2½-ft. tall! Powerful amplifier delivers great sound through a 10" woofer and 3" tweeter. Aux in/out jacks let you add a VCR for on-screen lyrics. Fader, auto-voice, and master-volume controls, echo and 5-band EQ for custom sound. End-of-tape auto-stop reduces wear on cassette mechanism and saves batteries. Includes two mics. UL listed AC. (TSP) **32-1159..... 299.99**



## RadioShack Unlimited<sup>SM</sup> is your source for karaoke music titles

For the most enjoyment from your karaoke, you can't beat our huge library of karaoke music videos, CDs and audio cassettes. Your children will especially love our new karaoke video titles, where the music and lyrics come to life on your TV! Thousands of songs are available for fast delivery through RadioShack Unlimited—including oldies, country, holiday, gospel and today's top hits. Our friendly sales associates will help you with your selection—it couldn't be easier!



## Karaoke echo microphone

A fun way to add a professional touch to your singing. Slide control lets you add echo to your voice. Unidirectional pickup pattern for greater range. Lightweight—only 7.8 oz. 15-foot cord. Requires "AA" battery. (TSP) **33-3016..... 39.99**



## Portable kiddie karaoke machine with microphone

Lets kids sing their hearts out through the built-in speaker. Cassette player uses regular or karaoke tapes, and lets them make their own recordings. Fader control for the perfect blend of voice and music.

Durable design, carry handle. Requires 4 "D" batteries. (TSP) **32-1157..... 39.99**

\*Requires external speaker (extra) for stereo sound. Prices apply at participating RadioShack stores and dealers. Not all items in all stores—ask about our ordering service (items subject to availability). Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4



**New** More than just our best musical keyboard—it's a guitar, a sax, even an entire orchestra!

**Concertmate-990.** Just choose an instrument—plays any of 200 sounds or special effects at the touch of a button. Free Sessions feature automatically plays a custom accompaniment of different chord progressions to make your music sound great! Keep the beat with 100 different built-in auto-rhythms. 24-note polyphonic design lets you play and hear up to 24 notes at the same time for full, rich sound. Touch-sensitive keys adjust the note's volume based upon how strongly you press the key—just like a real piano! General MIDI-compatible—hook it up to your computer or other MIDI-compatible electronic instruments. Large LCD display displays tone, rhythm, tempo and chord information. Requires 6 "D" batteries or AC adapter #273-1656. (TSP) **42-4040 . . . . . 249.99**

## Take the Show on the Road

All the keyboards on this page work with either battery or AC power, so they're easy to use no matter where you go. Even our full-size keyboards can run on batteries. Plus, with built-in speakers, nothing extra is needed when you want to jam—all you add is the music!



**61 full-size keys, stereo sound and lots of features**

**Concertmate-970.** Enjoy the same full-size feel as a piano and the sound of a symphony. Choose from 100 12-note polyphonic sounds, 50 rhythms, and 20 songs. Display shows sound, rhythm and juke box settings. Auto-accompaniment, tuning, transpose and tempo. With jack for adding headphones to practice in privacy. Low-power indicator LED, auto power-off saves batteries. Includes score stand. Requires 6 "AA" batteries or AC adapter #273-1656. (TSP) **42-4032 . . . . . 199.99**



**New** Play like the pros—49 full-size keys, 100 preset sounds

**Concertmate-690.** Features 100 preset auto-rhythms. Plus, use the 100 sound presets to recreate a wide range of sounds—everything from a piano to horns and special effects. 8-note polyphonic sound and poly/texture key let you create almost any type of music. Also with auto-accompaniment system, tempo controls and fill-in rhythm. Built-in demo tune. Requires 6 "AA" batteries or adapter: AC #273-1656, DC #270-1562. (TSP) **42-4035 . . . . . 99.99**



**New** Getting Started pack

Makes learning to play keyboard easy and fun. Easy-to-follow illustrated manuals teach you the basics of using different sounds, tunes and rhythms of your new keyboard. Includes songbook with today's top hits. **42-4049 . . . . . 9.99**



**New** Portable keyboard has 49 mini keys, 100 preset sounds

Small size, but big features. Features 100 auto-rhythms, 8-note polyphonic sound and a poly/texture key for creating many different types of music. With auto-accompaniment and tempo controls. Built-in demo song. Requires 5 "AA" batteries or AC adapter #273-1662. (TSP) **42-4029 . . . . . 79.99**



**Great choice for beginners**

**Concertmate-410.** Affordable portable features 37 mini keys, 18 demos, twelve rhythms, twelve instrument sounds/tones, and 17-note recording. Three power options let you play anywhere—even in a car. Requires 6 "C" batteries or adapter: AC #273-1650, DC #270-1560A (extra). (TSP) **42-4031 . . . . . 59.99**



Keyboard not included

**Stand securely holds any keyboard up to 75 pounds**

Keeps your keyboard steady and secure. Sturdy keyboard stand is very lightweight yet supports up to 75 pounds. It's quick and easy to assemble—no special tools are needed. Keyboard sold separately. (TSP) **42-4050 . . . . . 39.99**

# For Just Kidding Around

Check out our teaching computers, tape players, radios and radio-control toys for children. All are designed with kids in mind—with bright, fun colors and big, easy-to-use buttons that let kids control the action.



Available October, 1997

### New Talking Professor Laptop

Your kids will have hours of fun playing and learning. Hundreds of fun, animated graphics come to life across the large LCD screen. 23 different activities entertain and verbally teach kids english and mathematics. 800 challenging trivia questions. 1 and 2 player modes with 6 difficulty levels. Realistic keyboard. Requires 4 "C" batteries. **60-2608 . . . 79.99**



Available October, 1997

### New Talking Kids' Laptop

Now the littlest folks can have their own talking laptop—it even has a realistic keyboard with a track ball, just like mom and dad's! With 18 activities for 1 or 2 players, kids will learn English and mathematical skills—and have fun at the same time! 7 word games, 7 math games and 4 games just for fun. Ages 6-10. Requires 4 "AA" batteries. **60-2607 . . . 59.99**



Available October, 1997

### New RC School Bus—a great "ride" for preschoolers

Your kids will love driving this colorful easy-to-use radio-control school bus. Music plays and the passengers dance as the bus moves along. Big two-button wireless remote fits little hands perfectly. Requires 9V and 4 "AA" batteries. **60-2595 . . . . . 29.99**



### Sing-A-Long recorder/player

**CTR-92.** Kids can use the detachable microphone to sing along with their favorite cassettes or record their own songs. Easy to use with big buttons and one-touch recording. Auto-stop helps save batteries. Requires 4 "C" batteries, or adapter: AC #273-1662, DC #270-1560. **14-862 . . . . . 29.99**



### AM/FM bike radio with horn

Bike radio lets you jam to your favorite AM/FM stations while cruising. Features built-in horn, volume control and a front reflector. Mounts easily with included hardware. Requires 4 "C" batteries. **12-453 . . . . . 24.99**



### Kids' AM/FM handle radio

This colorful AM/FM radio has a simple, rounded design that makes it a fun and safe choice for small children. Your favorite little person will love the radio, you'll love the value! Rotary tuning, volume knobs and carrying handle are easily used by small hands. Telescopic FM antenna. Requires 4 "AA" batteries. **12-208 . . . . . 14.99**



### RC Play Buggy

Radio-control play buggy has an electronic horn and a soft bumper that makes it perfect for preschoolers. Ignition key makes an engine sound. Big-button wireless remote. Flexible antenna. Requires 9V and 4 "AA" batteries. **60-2572 . . . . . 29.99**



### Kids' stereo tape player

**CTP-73 Carry Cassette.** Kids can listen to tapes in stereo with the included headphones. Big, colorful buttons are easy for little fingers to push. Auto-stop saves batteries. Handy carrying strap. Requires 2 "AA" batteries. **14-864 . . . . . 19.99**



Available October, 1997

### New Radio-control Clownie

Clownie the clown loves to entertain. He's a wireless remote-control clown that your kids can control 40 ft. away. He's colorfully dressed in his best clown attire topped with a big hat that turns when he moves. Requires 9V and 2 "AA" batteries. **60-2592 . . 14.99**



### Preschool Fun Buggy with sound

This radio-control buggy is a real favorite with preschoolers. Built-in driving sound and wireless three-function remote—no wires to get tangled. Kids can control it from up to 40 feet away. Flexible antenna, durable and safe construction. Requires 9V and 4 "AA" batteries. **60-2585 . . . . . 19.99**



### Radio-control Choo-Choo

Colorful choo-choo chugs, rumbles and whistles just like a real train! Preschoolers love it. Turn it on and the motor starts and the lantern lights. Easy-to-use single-button control. Requires 9V and 4 "AA" batteries. **60-2586 . . . . . 19.99**





Available October 1997

**New Sea & Space Battle—two exciting games in one**

Challenge your enemy at sea or in space or try your odds against the computer. Large screen shows all the action. Distinctive navy fleet and unique space armada playing pieces included. Requires 4 "AA" batteries. **60-2674 . . . . . 29.99**



**Base station with 2 handheld walkie-talkies**

All 3 units can communicate at one time! Belt clip on walkie-talkies. Send/receive lights on base unit let kids know they're communicating. Morse code buttons on all three. Ages 4 & up. Requires 3 9V batteries. **60-4009 . . . . . Set 29.99**



Talk and listen at the same time!

**New Flip-style walkie-talkie—just like a real phone**

These walkie-talkies look and act like RadioShack flip-style phones. Each features a dual frequency so you can talk and listen at the same time, just like a real phone! 120-ft. range. Flexible antenna. 2 "AAA" batteries required. **60-4029 . . . . . Pair 24.99**

Available Oct. 1, 1997



**Voice-activated headset walkie-talkies**

Great for outdoor adventures—headset walkie-talkies won't slow you down. Voice-activated so you can keep your hands free for action! Each requires 2 "AAA" batteries. **60-4008 . . . . . Pair 24.99**



**Slim handheld walkie-talkies**

Have outdoor fun with a pair of walkie-talkies with soft flexible antennas. Perfect for campouts, hikes, around the house or anywhere you want to talk to someone. Outdoor range of over 100 yards. 49MHz. Locking talk switch. Each requires a 9V battery. **60-4025 . . . . . Pair 22.99**



**New Handheld shaky pinball**

Take the fun of traditional pinball almost anywhere. Flashing lights, exciting vibrating action and multiple levels test your flipper skills. Auto-matic power off saves batteries. Requires 2 "AA" batteries. **60-2675 . . . . . 19.99**



**Fly your own air bomber**

Unique handheld game lets you pilot an air bomber! Features realistic battle sound effects and fast-paced vibrating action. Requires 2 "AA" batteries. **60-2664 . . . . . 17.99**

**LCD Portable Pac-man**

Eat or be eaten! This take-along game offers all the excitement of the popular arcade version. 4-direction control stick. 3 "button cell" batteries included. **60-2665 . . . . . 19.99**



**New Handheld walkie-talkie**

Buy two or more and stay in touch with your friends while playing outside. On-off slide power switch, flexible antenna and push to talk lock. 180-ft. range. 9V battery required. **60-4027 . . . . . 10.99**

Available Oct. 1, 1997

**Help the frog cross the road**

The action-packed arcade game is now sized just right for handheld LCD fun. Help the frog get home without becoming road pizza. 2 "AA" batteries required. **60-2662 . . . . . 14.99**



**Sonic car racing**

You get to race a turbo "monster truck" in this LCD game. Exciting sound effects and 10 levels of motor head action. Requires 2 "AAA" batteries. **60-2661 . . . . . 14.99**



**New Radar Sea Combat Game**

You're in command of a battleship with an advanced radar system. Track and destroy subs while shooting down fighter planes and sinking enemy ships. Exciting sound effects. On-screen display. Requires 2 "AA" batteries. **60-2672 . . . . . 15.99**

Available Oct. 1, 1997



**New Think Fast: keeps you on your toes**

You'd better be quick to beat your friends at this fast-paced game. When keys light up, quickly press the correct sequence to win. 2 levels of play. 3 "AA" batteries required. **60-2673 . . . . . 19.99**

**New Space Invader game key-chain**

Classic arcade game that holds your keys, too. 6 levels of play. Pause key and reset. Auto off. Batteries included. **60-2671 . . . . . 9.99**

Available Oct. 1, 1997



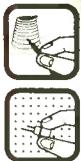
# Kids Have Questions. We've Got Answers.

Turn youngsters' natural inquisitiveness into an exciting hobby and give them an understanding of concepts and phenomena that will aid in their education for years to come! For many years, our Science Fair kits have provided kids a great start in understanding electronics and now they're better than ever. More variety, more projects, more advanced technology and more fun!



### 300-in-1 breadboard electronic project kit

Teaches you about electronic parts, how to read a schematic, how to build 300 projects without soldering, AC power or tools, and how all 300 projects work. This kit features a *breadboard*. Instead of soldering, you simply plug components and wires into the breadboard. Build electronic games, a battery checker, Morse code transmitter, a burglar alarm, motion detector and lots more. Projects like Sonic Zoo and Sound Factory let you create electronic cat, bird, and woodpecker sounds, sirens, "horror movie" sound effects, and even a plant growth stimulator. Fun for the whole family. Includes easy-to-understand illustrated manual. Requires 6 "AA" batteries. 28-270 ..... 59.99



Science Fair®



### 200-in-one electronic project lab kit

Learn the basics of electricity and electronics. This kit has a sleek "outboard" control panel with analog meter. Integrated circuits for teaching computer basics. Put together a burglar alarm and 199 other fun and educational projects. The easy-to-follow manual takes you step by step through each one. Requires 6 "AA" batteries. 28-265 ..... 49.99



### 130-in-one electronic project lab kit

Build your own AM broadcast station, electronic organ, strobe lights, timer, logic circuits and much more. Premounted parts, pre-cut wires and simple coil-spring connectors make it safe and easy. Comes with two fully integrated circuits and rotary controls. Requires 6 "AA" batteries. 28-259 ..... 29.99



### 30-in-one electronic project lab kit

Safe and easy! This simple electronics kit safely teaches the basics of electronics—no soldering is required. Build a radio, alarm, timer and more. There's even an earphone for private listening. Uses safe battery power. Fun for all ages. Requires 2 "AA" batteries. 28-161 ..... 15.99



### 60-in-one electronic project lab kit

Teaches the basics of electricity, magnetism, physics and electronics. Build a radio, metal detector, police light, amplifier or more fun projects. With earphone. Solderless. Requires 4 "AA" batteries. 28-261 ..... 19.99



### 75-in-one electronic project lab kit

Make your own motion detector or burglar alarm without soldering! Create 75 different experiments to learn the basic principles of electricity and physics. Start with basic circuits and then advance. Requires 4 "AA" batteries. 28-267 ..... 24.99





**50-in-1 digital voice recording and sound lab**

Explore the properties of sound and electronics with 50 safe, exciting, hands-on experiments. Informative illustrated manual shows how you can work with and learn about transistors, photocells, variable resistors, capacitors, LEDs, integrated circuits and more. Coil-spring wiring terminals make circuit connections easy. Projects include voice recording/playback, talking alarm, touch-controlled switch, water-sensing device, reflex tester, voice-controlled recording, "robot voice" sound effects and dozens more. With condenser mic. Requires 3 "AA" batteries. **28-264, 24.99**



**Crystal AM radio kit**

Build your own AM radio. Tunes local AM stations. Plays forever without batteries or AC power. It works on the same principle as the very first radios, but the crystal has been replaced with a more reliable modern diode. Includes earphone and instructions. **28-177 ..... 6.99**



**AM/FM radio kit**

Follow easy directions to make a working AM/FM radio. Features a preassembled FM tuner and coil-spring connectors for easy and quick assembly. Great for beginners. No soldering necessary. With earphone. Requires 2 "AA" batteries. **28-175 ..... 12.99**



**AM/shortwave radio kit**

Listen to distant shortwave broadcasts and local AM stations on a kit you build yourself! Quick coil-spring assembly. Comes with an earphone for private listening and an easy-to-follow instruction manual. Requires 9V battery. **28-176 ..... 12.99**



**AM/VHF radio kit**

The beginning hobbyist will enjoy this do-it-yourself AM/VHF radio. You can hear AM radio stations plus air, police, weather on the VHF 108-174MHz band. Includes earphone for private listening. Requires 9V battery. **28-163 ..... 12.99**

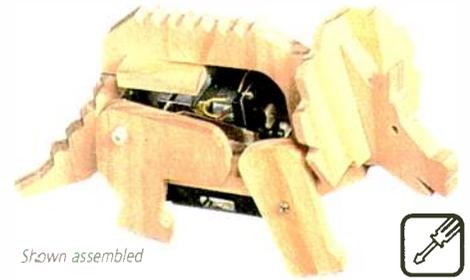


Shown assembled



**FM wireless microphone kit**

All the components you need to build an FM wireless mic module. Transmit sounds to any nearby FM radio—without wires. The mic is tunable from 91 to 97MHz. Requires 1 "N"-type 1.5V battery. Soldering required. **28-4030 ..... 11.99**



Shown assembled



**New Walking triceratops kit**

Fun with electricity, mechanics and robotics! Motorized, walking dinosaur kit is easy for kids to build. Includes wooden body pieces and hardware. Requires 2 "AA" batteries. **28-002 ..... 11.99**



Shown assembled



**Walking robot kit**

Kids can build a self-propelled robot that moves forward, turns its head and shoulders side to side. Requires 2 "AA" batteries. **28-001 ..... 9.99**



**Solar project fun kit**

A solar cell prewired to a DC motor—ready for your creative ideas. Build a solar-powered windmill, fan, or school science project. Includes mini-propeller, color wheels and an informative booklet. **277-1201 ..... 10.99**

**The safe, easy and FUN way to learn about electronics**

The kits on these two pages use quick and easy hookup methods. All kits operate on safe battery power—no AC required.



**Coil-spring hookup**

Just slip pre-cut wires and component leads into springs for a secure connection.



**Breadboard hookup**

Featured in the 300-in-one kit, this system is used by electronics professionals. Just plug in components and wires.



**Soldering hookup**

The wireless microphone kit at left requires a soldering iron to make permanent connections.



**Easy assembly**

Kids can build it themselves with just a hammer, screwdriver and long-nose pliers.



## RC Cars for the Expert Driver

We carry a large selection of remote-control cars for the expert driver ages 12 & up. These cars are the biggest, fastest and most sophisticated RC cars we carry. All of our expert cars have digital-proportional steering and acceleration for maximum pro-style racing fun.



Digital-proportional control gives you precise response that's similar to driving a real car. That means you have better steering control for making wide or hair-pin turns. It also means more realistic acceleration—moving the joystick forward gently gradually increases your speed, while a sudden move forward is just like flooring a car gas pedal to peel out!

### New Extreme Machine— Step up to this extreme remote control challenge!

It's BIG and it's extreme—huge 1/8 scale and over 20" long! With giant oversized truck wheels, spring suspension and dual motors, this powerful machine can tackle any terrain you challenge it on. Its four-wheel drive action conquers the toughest hills. Digital-proportional steering & acceleration give you complete driving control. Travels at 984 feet per minute. 27MHz controller works from nearly 200 feet away. Requires 7.2V pack and 6 "AA" batteries. **60-4195** ..... **199.99**



### Rock Runner/Car Crusher II

Two cars in one! Just switch bodies for a whole new look. Independent spring suspension really absorbs the bumps. You'll have precision touring and throttle control with digital-proportional steering and acceleration. 27MHz controller. 17 1/16" long. Requires 7.2V pack and 6 "AA" batteries. **60-4173** ..... **159.99**

### New Hurricane

There's a storm coming! Digital-proportional control gives you precision steering with speed. Heavy-duty spring suspension absorbs bumps on the roughest terrain. 16 1/2" long. 27MHz controller. Requires 9.6V pack and 6 "AA" batteries. **60-4193** ..... **79.99**



### Road Phantom— They'll never see you coming!

Two powerful high-torque motors zip it along at 1200 feet per minute. True 4-wheel drive and spring suspension let you tackle tough terrain. 27MHz with digital-proportional steering and throttle. 19 1/4" long. Requires 7.2V pack and 10 "AA" batteries. **60-4174** ..... **149.99**



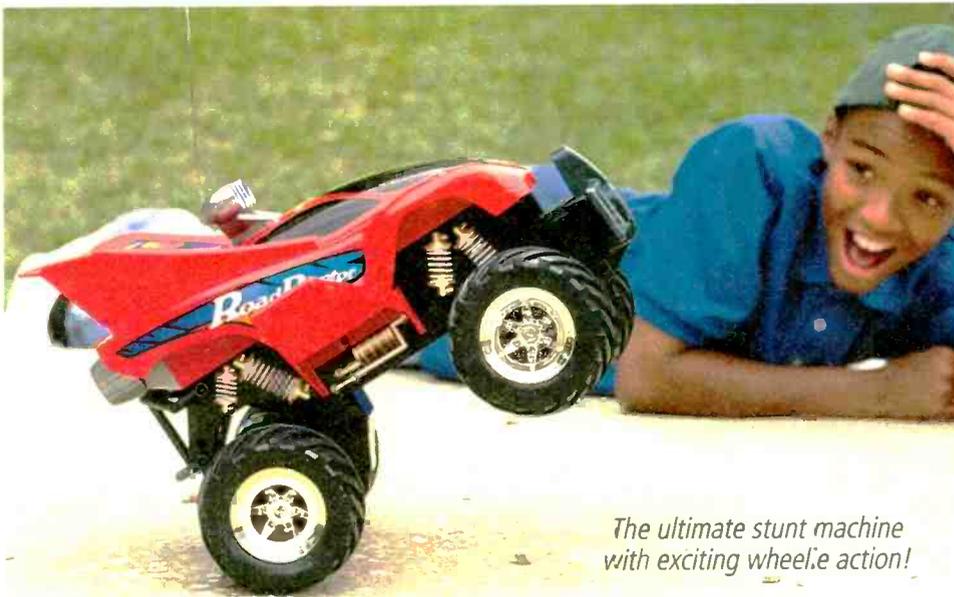
### New Flashtron is our fastest RC car!

Get ready to BURN! Speedster blazes straightaways at an incredible 1400 feet per minute. Plus, it climbs 45° so you can tackle steep inclines. Digital-proportional for precision control. Spring suspension for a smooth ride. 27MHz controller. 17 1/16" long. Requires 7.2V pack and 6 "AA" batteries. **60-4194** ..... **99.99**

**REMOTE CONTROL ACCESSORIES** See Index for these listings:

Radio-Control Toys: Batteries & Chargers, Replacement Parts





The ultimate stunt machine with exciting wheelie action!

**New Road Raptor with wheelie action!**

Get ready to rock-n-roll with this HOT car! Raptor does wheelies, spins, and really rocks & rolls—so you can set up your own daredevil stunts. Race down straightaways or actually *lean* into turns with the special banking action. You can control it up to 100 feet away. 14<sup>3</sup>/<sub>4</sub>" long. Requires 9.6V pack and 9V battery. **60-4191 . . 69.99**



**Intermediate or Advanced Drivers**

RadioShack has a large selection of racers so you can find the one that's right for you!



**New Red Shaker**

Remote-control shifting—you don't have to stop racing to adjust gears! 1122 feet per minute. Spring suspension and turbo boost for extra speed. 19" long. Requires 9.6V pack and 9V battery. **60-4172 . . 99.99**



**New The Enforcer**

Heavy-duty 4-wheel drive and spring suspension give this BIG machine a smooth ride, and the turbo makes it powerful. 780 ft. per minute. 18" long. Requires 7.2V pack and 9V battery. **60-4192 . . 79.99**



**Street Sprinter II**

Challenge the straightaways at 1020 feet per minute! Turbo boost gives you that extra blast of speed. 16" long. Requires 9.6V pack and 9V battery. **60-4189 . . . . . 59.99**



**New Stinger**

Wave runner with a sting! Skims across the water at racing speed. Comes in two frequencies so you can race with friends. Requires 9.6V pack and 9V battery. **60-4196 . . . . . 69.99**



**New Wind Streaker II—turbo fast**

Blows by the competition at over 1000 feet per minute. Turbo power for that extra kick! Spring suspension. 16" long. Requires 9.6V pack and 9V battery. **60-4190 . . . . . 59.99**



**New Night Runner**

4-wheel drive monster truck with lots of attitude! Super-sized wheels. High and low speeds. Climbs 40° hills. 13<sup>1</sup>/<sub>8</sub>" long. Requires 9.6V pack and 9V battery. **60-4187 . . . . . 49.99**





### **New** Hot Machine—get ready to turn it up!

This 4-wheel drive monster machine is ready for the heat! Burns up the pavement with big super-grip tires. High/low gears for exciting gear-grinding action. HUGE wheels and spring suspension give you a smooth ride. 14" long. Requires two 9V and 8 "AA" batteries. 60-4188 . . . 59.99



### **New** Sneaker

Sneak past the competition! Features high/low speeds, spring suspension. 100 feet controlling distance. Requires 9V and 8 "AA" batteries.

60-4182 . . . 29.99



### **Evader**

"Stealth" styling! With rear spring suspension and turbo power, this high-tech racer accelerates up to 900 feet per minute. Racing sounds. 14 1/4" long. Requires 9V and 8 "AA" batteries. 60-4162 . . . 39.99



### **New** Sonic Thunder

This speedy racer thunders across the pavement at 350 feet per minute. Easy-to-use seven-function remote. Requires 9V and 4 "AA" batteries.

60-4179 . . . 21.99



### **New** Commander

This BIG monster truck is a commanding presence to any challengers! Comes in two frequencies, so you can race your friends. 20° climbing angle. Requires 9V and 6 "AA" batteries. 60-4181 . . . 29.99



### **New** RCA Racing car

Just like John Andretti's car—it's even autographed! Two frequencies, so you can race a friend. Turbo function for that extra burst of speed. 12" long. Requires 9V and 8 "AA" batteries. 60-4180 . . . 34.99



### **New** Street Comber

Features high/low speeds and spring suspension. Turbo for extra power. Speeds up to 660 feet per minute. 14" long. Requires 9V and 8 "AA" batteries.

60-4184 . . . 39.99

## RC Cars for Intermediate or Advanced Drivers

RadioShack offers the hottest cars. These cars are larger, faster and may have more advanced features like 4-wheel drive and action sounds!



### **New** Flame Thrower

Burns up the road at 1080 feet per minute! Spring suspension, high/low speeds. Turbo function gives you an extra burst of speed. 14 7/8" long. Requires 9V and 8 "AA" batteries. 60-4185 . . . 49.99



### **New** Black Scorpion

Keep an eye on this hot rod—or you might get stung! High/low gears, spring suspension and turbo speed for that extra kick. 14" long. Requires 9V and 8 "AA" batteries. 60-4183 . . . 39.99



### **New** Rally Roadster

This roadster is built for speed—with twin motors and turbo! Spring suspension for a smooth, easy ride. 15 1/2" long. Requires 9V and 8 "AA" batteries.

60-4186 . . . 49.99

**1-800-THE-SHACK**

Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Thrackmorton, Suite 600, Fort Worth, TX 76102





**New Rad Racer**

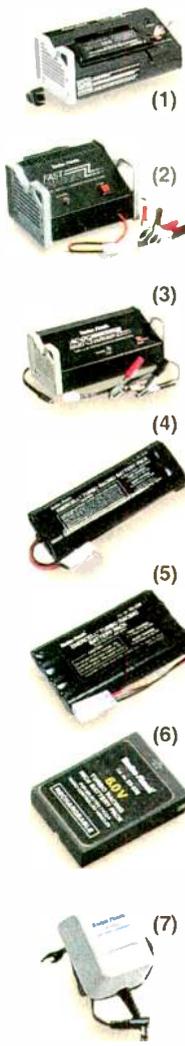
Winged racer rules the road—moving wings and hood add to the fun! Standard-size action figure fits in driver's seat. 49MHz controller with two functions. Control distance is 40 feet. Requires 9V and 2 "AA" batteries.

60-4177 ..... 14.99

**Cars for Beginners**

We have durable cars with easy-to-use controllers for beginners. Plus, replacement parts for all of our cars are available from RadioShack Unlimited<sup>SM</sup>. See chart below for the specifications on our entire selection.

**Radio-control vehicle batteries and chargers**



We have a complete line of RC car accessories to help you get the best performance possible from your RC car.

(1) **AC Fast charger for Ni-Cd packs.** Can charge a standard 4.8V, 7.2V or 9.6V battery pack in an hour. 23-226 ..... 39.99

(2) **DC fast charger.** Charges a standard 7.2-volt RC Ni-Cd battery pack in 20 minutes. 23-232 ..... 29.99

(3) **AC/DC fast charger.** Charges standard 7.2 or 8.4-volt RC Ni-Cd battery pack in 30 minutes. 23-235 ..... 69.99

(4) **7.2V racing battery pack.** Ultra-light Ni-Cd battery pack for the highest speed from your car. 1200mAh. 23-230 ..... 19.99

**High-capacity 7.2V Ni-Cd battery pack.** Provides longer running time for cars using 7.2V pack. 23-330, 24.99

(5) **7.2V charger.** Charges standard 7.2V pack in 14 hours. 23-241 ..... 9.99

(5) **9.6V Ni-Cd turbo battery pack.** Super charged! Eight-cell pack is rated 9.6V at 600mAh. 23-229, 19.99

**High-capacity 9.6V Ni-Cd battery pack.** 23-329 ..... 24.99

**9.6V charger.** Charges standard pack in 14 hours. 23-240 ..... 9.99

(6) **6V RC turbo racing pack.** Top off your racer with high-performance power. 23-228 ..... 14.99

**6V charger.** Charges 6V pack in 4 hours. 23-402 ..... 10.99

(7) **Ni-Cd charger.** For RCs and walkie-talkies with charging jacks. Charges in 8-12 hours. 23-249 ..... 6.99

Higher capacity packs will take longer to charge



**New Wildfire**

Plenty of action for youngsters! This monster truck has sure-grip tires. The three-function remote is perfect for little hands. Requires 9V and 3 "AA" batteries.

60-4178 ..... 19.99



**New Sleek Streak**

Get ready to win with this sleek remote control streak! Easy-to-use control makes it a great car for younger drivers. Requires 9V and 4 "AA" batteries.

60-4176 ..... 12.99

Cat. No.	Frequency (MHz)	Remote Functions	Length (inches)	Scale	Speed (ft. per min.)	Battery Requirements	Age	Price
60-4176	27/49	2	8 1/4	1/24	300	4 "AA"/1 9V	4-up	12.99
60-4177	49	2	7 3/4	1/24	198	2 "AA"/1 9V	4-up	14.99
60-4178	27	3	8 1/4	1/20	130	3 "AA"/1 9V	4-up	19.99
60-4179	27/49	7	9 1/4	1/20	350	4 "AA"/1 9V	6-up	21.99
60-4181	27/49	7	10 3/4	1/18	450	6 "AA"/1 9V	6-up	29.99
60-4182	27/49	7	11 3/4	1/16	600	8 "AA"/1 9V	6-up	29.99
60-4180	27/49	7 + Turbo	12	1/15	690	8 "AA"/1 9V	6-up	34.99
60-4162	27/49	7 + Turbo	13 1/2	1/12	900	8 "AA"/1 9V	6-up	39.99
60-4183	27/49	7 + Turbo	14	1/14	660	8 "AA"/1 9V	6-up	39.99
60-4184	27/49	7 + Turbo	14	1/14	660	8 "AA"/1 9V	6-up	39.99
60-4185	27/49	7 + Turbo	14 7/8	1/13	1080	8 "AA"/1 9V	8-up	49.99
60-4186	27/49	7 + Turbo	15 1/2	1/12	1040	8 "AA"/1 9V	8-up	49.99
60-4187	27/49	7	13 1/4	1/12	460	9.6V PACK/1 9V	8-up	49.99
60-4188	27/49	7	14	1/12	495	8 "AA"/2 9V	8-up	59.99
60-4189	27/49	7 + Turbo	16	1/12	1020	9.6V PACK/1 9V	8-up	59.99
60-4190	27/49	7 + Turbo	16	1/12	1020	9.6V PACK/1 9V	8-up	59.99
60-4191	27	7 + Stunts	14 3/4	1/12	720	9.6V PACK/1 9V	8-up	69.99
60-4196	27/49	7	17 7/8	1/30	213	9.6V PACK/1 9V	8-up	69.99
60-4192	27/49	7 + Turbo	18	1/10	780	7.2V PACK/2 9V	8-up	79.99
60-4193	27	Digital pro.	16 1/2	1/14	1056	9.6V PACK/6 "AA"	12-up	79.99
60-4172	27/49	7 + Turbo Remote gear shift	19	1/13	1122	9.6V PACK/1 9V	8-up	99.99
60-4194	27	Digital pro.	17 1/8	1/10	1400	7.2V PACK/6 "AA"	12-up	99.99
60-4174	27	Digital pro.	19 1/2	1/8	1200	7.2V PACK/10 "AA"	12-up	149.99
60-4173	27	Digital pro.	17 1/2	1/10	710	7.2V PACK/6 "AA"	12-up	159.99
60-4195	27	Digital pro.	20 1/2	1/8	984	7.2V PACK/6 "AA"	12-up	199.99

**RadioShack Unlimited<sup>SM</sup> delivers all the RC car parts you need!**

Need replacements for your RadioShack RC car? Stop by your nearest RadioShack and check out RadioShack Unlimited<sup>SM</sup>, our huge catalog of specialty items. You'll find hundreds of replacement parts for your RadioShack car—whether it's an older model or a newer one (parts availability varies by car). RadioShack Unlimited will ship your items right to your door.



**Wheels and tires.** Replace your worn tires or get extras to use as spares (some sold as part of suspension or wheel assemblies only).



**Controllers.** Replace lost or broken controllers to stay in total control of your RC.



**Replacement battery door.** Protect the power source of your RC car if you lose your battery door.



**Replacement bumpers.** Don't risk damage to your RC car. Always be sure your bumper is still doing its job.

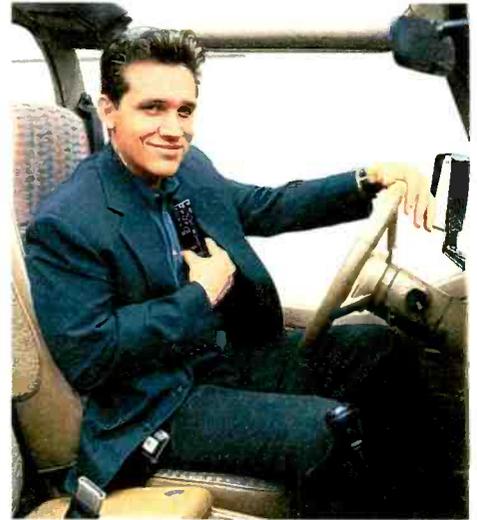


**Replacement suspension parts and assemblies.** Keep your RC car racing!



# Optimus® Audio for Your Car

Whether you're replacing an underpowered factory stereo or installing a custom multi-component system, we've got it all. In-dash CD/receivers, truck-mount CD changer, AM/FM cassette players, even handy installation kits and wiring harnesses for do-it-yourself car audio projects.



Take the faceplate with you to discourage thieves.



DETACHABLE



## High-power CD/receiver with detachable face delivers 25 watts to all four channels

This one has it all: superb CD sound, high power, digital AM/FM stereo tuner and detachable faceplate to discourage theft—remove it and the unit will not operate. CD player features shuffle-play, audible search, repeat play and 10-second intro scan. You get a 25-watt\* x4-channel amplifier, separate bass and treble controls, 5 preset equalizer settings, fader, plus a 2-channel/4-channel selector. Tuner has memory presets for 18 FM and 12 AM stations that you can program manually or automatically, plus Auto Travel Programming that stores the first six strong stations in each band—makes it easy to find local stations when traveling. Also has seek, memory scan, and local/distant button for best FM reception. Line-out jacks let you add an external amplifier. LCD display with clock. Amber night illumination, faceplate carrying case. DIN-E. (TSP) 12-2152 ..... 299.99

\*Amp delivers 25 watts x4 max. power, 16 watts x4 RMS with 10% THD at 1kHz



DETACHABLE



## High-power in-dash CD/receiver with digital tuning and detachable face

This great-sounding stereo has a 22-watt\* x2-channel (or 7-watt\* x4) amplifier with bass, treble, balance, and fader controls. Detachable faceplate helps discourage theft. CD player with repeat, random play and intro-scan makes it easy to play your favorite tracks. Digital tuner has 18 FM and 12 AM presets, with seek, memory scan and local/distant buttons for clearest possible FM reception. Line-out jacks for adding an additional amplifier. Amber night illumination. Includes carrying case for faceplate. (TSP) 12-2153 ..... 229.99

\*Amp delivers 22 watts x2 or 7 watts x4 max. power, 14 watts x2 or 5 watts x4 RMS with 10% THD at 1kHz



OPTIMUS.  
AUDIO PRODUCTS  
OFFICIAL SPONSOR



## 6-disc trunk-mount CD changer plays through your FM car stereo

The easiest way to add the convenience of a CD changer to your car stereo. Plugs directly into the wire that runs from your antenna to your radio. After installation, you simply tune in great CD sound just as you would a radio station. Wired remote gives you complete control. Choose shuffle play and the CD player randomly selects and plays tracks from all loaded CDs. Auto-search music system quickly locates the beginning of any track. Audible search lets you rapidly play a CD in either direction to locate a desired section of a track. Intro scan plays the first 10 seconds of each track on a CD so you can find a favorite track. Use repeat play to automatically repeat the current track. A spring-loaded, oil-damped suspension system helps keep the CD changer steady when you drive over bumps. Changer can be mounted horizontally, vertically, or at a 45° angle. Remote has selectable amber or green display. Includes mounting hardware, hookup cables, instructions and one six-disc magazine. (TSP) 12-2180 ..... 399.99

Extra 6-disc magazine for 12-2180 car CD changer. RSU 1128967 ..... 19.99



Fits easily in trunk. Uses little space and reduces chances of theft.



Convenient remote. Play your favorite CDs with the touch of a button.

### RADIO SOUND ACCESSORIES

See Index for these listings:

- Accessories • Amplifiers • Installation Kits • Wiring Harness Adapters
- Noise Suppressors • Speakers • Wire and cable, speaker

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited®. Shipping and pricing information on page 4.



**DETACHABLE**

**High power, auto-reverse with alarm**

30 watts×2+8 watts×2 max. power. Anti-theft detachable faceplate. Current-sensing alarm sounds through speakers. Auto-reverse cassette. Tuner with 30 presets. Illuminates in either green or amber to match your dash lights. DIN-E. (TSP) 12-2112 ..... 149.99



**Auto-reverse, 30 presets**

Cassette has locking FF and reverse. Precise PLL digital tuner stores 18 FM and 12 AM stations for one-touch tuning. Memory scan and seek tuning. Amber lighted LCD display with clock. DIN-C. (TSP) Was \$129.99 in '97 catalog. 12-2002 ..... **New Low Price! 99.99**



**DETACHABLE**

**High-power, auto-reverse, Dolby**

Remove faceplate to help deter thieves. Auto-reverse cassette with Dolby B noise reduction. 22 watts×2 or 8 watts×4 max. power amplifier. Digital tuner with 18 FM and 12 AM memory presets. Bass-treble controls. Line-out jacks. DIN-E. (TSP) 12-2104 ..... 199.99



**DETACHABLE**

**Anti-theft, digital tuning**

Anti-theft panel renders stereo inoperable. Cassette with auto-stop and locking fast-forward. Separate bass and treble controls. 18 FM/12 AM station presets. Memory seek and auto memory scan. DIN-E. (TSP) 12-2110 ..... 99.99



**High-power, auto-reverse, Dolby**

30 watts×2 max. power. Dolby B noise reduction. 30-station memory, auto seek and scan. Bass/treble controls. Rear CD input jack. Auto-reverse cassette with music search. DIN-C. (TSP) Was \$169.99 in '97 catalog. 12-1996 ..... **New Low Price! 149.99**



**DETACHABLE**

**High-power, detachable face**

22 watts×2 or 7 watts×4 max. power. Anti-theft faceplate. Auto reverse. 12 AM/18 FM presets. Bass/treble controls. Selectable amber/green display to match your dash lights. (TSP) 12-2113 ..... 139.99



**Digital tuner, CD input jack**

PLL tuner with 18 FM/12 AM presets. Auto memory store, preset memory scan, seek tuning. FM signal enhancer for best sound. Cassette features auto-stop, locking fast-forward. DIN-E. (TSP) 12-2009 ..... 79.99



**Digital tuning, auto-stop**

Digital tuning with presets for 18 FM and 12 AM stations. Advanced FM optimizer circuitry automatically adjusts for the best sound. Memory, seek & scan tuning. Amber display. DIN-C. (TSP) Was \$89.99 in '97 catalog. 12-2003 ..... **New Low Price! 79.99**



**DETACHABLE**

**High-power, auto-reverse**

28 watts×2 or 22 watts×4 max. power. Inoperable when the front panel is detached. Pre-amp outputs let you add external amp. Tuner has 18 FM/12 AM presets. Seek, auto memory scan, local DX switch. DIN-E. (TSP) 12-2111 ..... 129.99

**New Faceplate case protects your car audio investment**

Protect your detachable stereo faceplate with this handy carrying case! Helps prevent scratching and other damage to the faceplate while not in use. Small size makes it convenient to carry.



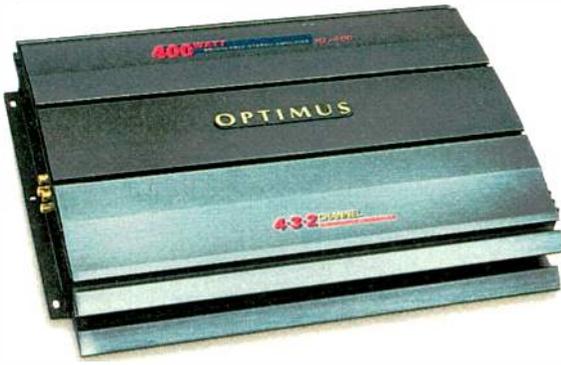
42-250 ..... 9.99



**Mini-size AM/FM cassette**

Designed to fit small spaces. Amber backlit dial. Cassette auto-stop helps protect tapes. FM stereo LED indicator. Rotary volume, tone, tuning and balance controls. Mini/Universal chassis size. DIN-C. (TSP) 12-2001 ..... 49.99

Cat No	Chassis Type	Detach Face	Amplifier Section					Tuner Section							Cassette Section						Price		
			Max (Watts/Ch)	RMS* (Watts/Ch)	F/R Fader	Bass & Treble	Loud Control	Line-Out Jacks	Digital Tuning	Clock Display	Backlight Illumination	Preset (FM/AM)	Preset Scan	Auto Seek	Auto Store	Mon./Stereo	Local/Dx	Locking FF/REW	Auto Stop	Auto Reverse		MTL/C/D Switch	Music Search
12-2001	Shaft		7W×2	4W×2										Manual	Manual	FF only	✓						49.99
12-2009	Flat-face		8W×2	4W×2				✓	✓	Amber	18/12	✓	✓	✓	Auto	Manual	FF only	✓				79.99	
12-2003	Shaft		8W×2	4W×2			Auto	✓	✓	Amber	18/12	✓	✓	✓	Auto	Manual	FF only	✓				79.99	
12-2110	Flat-face	✓	8W×2	4W×2	✓			✓	✓	Amber	18/12	✓	✓	✓	Manual	Manual	FF only	✓				99.99	
12-2002	Shaft		8W×2	4W×2	✓		Auto	✓	✓	Amber	18/12	✓	✓	✓	Auto	Manual	✓		✓			99.99	
12-2111	Flat-face	✓	28W×2 or 22W×4	16W×2 or 10W×4	✓	✓		✓	✓	Amber	18/12	✓	✓	✓	Manual	Manual	✓		✓			129.99	
12-2113	Flat-face	✓	22W×2 or 7W×4	16W×2 or 4W×4	✓	✓		✓	✓	Amber/Green	18/12	✓	✓	✓			✓		✓			139.99	
12-2112	Flat-face	✓	30W×2 + 8W×2	18W×2 + 5W×2	✓	✓	Manual	✓	✓	Amber/Green	18/12	✓	✓	✓	Auto	Manual	✓		✓	✓		149.99	
12-1996	Shaft		30W×2	14W×2	✓	✓	Auto	✓	✓	Amber	18/12	✓	✓	✓	Manual	Auto	✓		✓	✓	✓	149.99	
12-2104	Flat-face	✓	22W×2 or 8W×4	14W×2 or 5W×4	✓	✓	Manual	✓	✓	Amber/Green	18/12	✓	✓	✓	Manual	Auto	✓		✓	✓	✓	199.99	



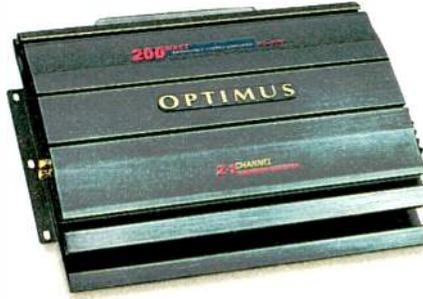
**New 400W, 4/3/2-channel bridgeable MOSFET amplifier**

Delivers 100 watts×4 or 200 watts×2. MOSFET technology provides high efficiency with less noise. Noise-isolated line-level and RCA-type input jacks let you connect to high or low-level sources. Channels three and four are bridgeable, with adjustable 45- to-400Hz subwoofer crossover. Mute circuit. Automatic thermal protection helps keep amp from getting too hot. (TSP) 12-2018 ..... 229.99



**New 260W 4/3/2-channel bridgeable MOSFET amplifier**

This 260W amp gives you 65 watts×4 channels or 130 watts×2 channels. Sound-efficient MOSFET technology for a great listen. Input jacks for connecting to high- or low-level sources. Channels three and four can be bridged, with adjustable 45- to-400Hz subwoofer crossover. Thermal protection. (TSP) 12-2017 ..... 179.99



**New 200W 2/1-channel bridgeable MOSFET amplifier**

Use as a 100-watt per channel stereo amp or 200-watt mono amp to drive a subwoofer for thundering bass. Regulated MOSFET power supply for incredibly clean sound. Mute circuit eliminates speaker-damaging power-on "thumps." Adjustable 45-400Hz subwoofer crossover. High and low-level inputs. (TSP) 12-2016 ..... 149.99

# Powerful Trunk-Mount Amplifiers

If you're tired of cranking your car stereo's volume knob and getting very little sound, an Optimus amplifier can help. You'll get more volume, less distortion and a wider dynamic range. Listen to music instead of road noise!

**QUESTION:**

What does it mean when an amplifier is said to be "mono bridgeable"?



**ANSWER:**

Some amplifiers are capable of more than one power-output configuration. When an amplifier is said to be "mono bridgeable", it allows you to combine, or "bridge" a pair of outputs (from a stereo signal) together—effectively doubling the output power that goes to the speaker(s). It's particularly handy when driving a single high-power subwoofer for strong bass. Also, two amps, each in mono, can power a pair of high-power full-range speakers.



**New 150W 4-channel MOSFET amp**

Feel the music come at you from front (20 watts×2) and rear (55 watts×2)—loud and clear, without added distortion. Front/rear-level controls, MOSFET rear-channel circuitry for high efficiency with less noise. Noise-isolated line-level and RCA-type input jacks. Integral heat sinking for cool, reliable operation. (TSP) 12-2015 ..... 129.99



**New 110W 2-channel MOSFET amp**

55 watts per channel of awesome sound. Adjustable 45-400Hz subwoofer crossover. MOSFET circuit for high efficiency with less noise. Input gain control, remote power-on. Gold-plated, low-level RCA-type input jacks and handy screw terminals for high-level input/output. Overload and circuit protection. (TSP) 12-2014 ..... 99.99



**New 50W 2-channel amplifier**

25 watts per channel—ideal for powering standard car stereo speakers. Integral heat-sinking design. Gain control, remote power-on. Gold-plated, low-level, RCA-type input jacks and high-level input/output screw terminals. Overload and circuit protection. (TSP) 12-2013 ..... 49.99

Cat. No.	Total Power (Max)	# Channels (Total/Options)	Watts/Channel 4 ohm @ 10% THD	Watts/Channel 4 ohm @ 1% THD	Watts/Channel 2 ohm @ 1% THD	Watts/Channel Bridged 4 ohm @ 1% THD	Mono Bridgeable	Hi & Low Inputs	Overload Protection	Input Level Controls	Remote On/Off	MOSFET Circuitry	Subwoofer Crossover	Price
12-2013	50 watts	2	25×2	20×2	30×2	—		✓	✓	1	✓			49.99
12-2014	110 watts	2	55×2	35×2	40×2	—		✓	✓	1	✓	✓	✓	99.99
12-2015	150 watts	4	55×2+20×2	45×2+10×2	45×2+15×2	—		✓	✓	2	✓	✓		129.99
12-2016	200 watts	2/1	100×2	65×2	75×2	200×1	✓	✓	✓	1	✓	✓	✓	149.99
12-2017	260 watts	4/3/2	65×4	45×4	60×4	130×1+45×2 or 130×2	✓	✓	✓	2	✓	✓	✓	179.99
12-2018	400 watts	4/3/2	100×4	65×4	80×4	200×1+65×2 or 200×2	✓	✓	✓	2	✓	✓	✓	229.99





**7-band passive equalizer with 4 channels, sub crossover**

Easy-to-use rotary controls to fine-tune your system. Four channels: line level inputs, front, rear and a subwoofer channel. Front-rear fader. Level control and built-in crossover for subwoofer. CD input jack allows use of CD portable in car. Was \$99.99 in '97 catalog. (TSP) 12-1978 ..... **New Low Price! 79.99**



**40-watt under-dash booster/amp**

Compact—mounts under dash or seat to deliver 20 watts per channel max. power. You'll hear more music at a more enjoyable level. Power on/off button, LED "on" indicator. Speaker-level input. For use only with high-power-handling speakers. 1x4<sup>1</sup>/<sub>6</sub>x4<sup>1</sup>/<sub>6</sub>". 12-1869 ..... **19.99**



**New Electronic subwoofer crossover**

Specifically designed for automotive subwoofer systems. Active crossover network delivers greater flexibility and efficiency. Adjustable crossover frequencies of 50/90/180Hz let you "fine-tune" your system. 12-2012 ..... **29.99**



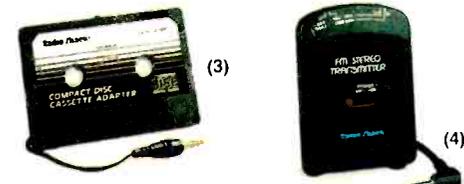
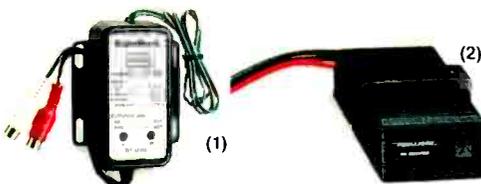
**New 3-way electronic crossover system**

Get the most from your multi-amp car audio system! Selectable 45/80/120Hz subwoofer Bass Boost control. Midrange low-pass 50/90/180Hz and upper 2/4/6kHz. High-pass 2/4/6kHz. 2 pairs of input jacks, 3 pairs of output jacks. Rugged design, mounts in trunk or under rear deck. (TSP) 12-2011 ..... **49.99**



**40-watt, 7-band EQ/booster**

Boost the power and customize the sound of your car stereo. Front-rear speaker fader. 10-segment LED power meter. Line-level and speaker-level inputs. Input jack for portable CD player. Mounts easily under the dash. 20 watts per channel maximum power. 1<sup>1</sup>/<sub>4</sub>x6<sup>1</sup>/<sub>8</sub>x5". (TSP) 12-1966 ..... **59.99**



**Line-out converter**

(1) Just what you need to connect amplifiers, boosters and equalizers to car stereos not equipped with line-out jacks. 12-1338 ..... **19.99**

**FM signal booster**

(2) Great for "fringe" areas. Boosts FM signals by more than 10dB to bring in stations more clearly. For 12VDC neg./pos. ground. 12-1873 ..... **19.99**

**CD-to-cassette adapter**

(3) Easily connects a portable CD player to your current car cassette player. Loads like a regular cassette tape. 12-1951 ..... **19.99**

**Wireless CD adapter**

(4) Play your portable CD through your car stereo. Converts audio from your player's headphone jack to a high-quality FM signal. Requires 2 "AAA" batteries. 12-2051 ..... **39.99**

**Accessory Headquarters**

**Antenna cables and adapters**



**Windshield AM/FM Antenna**

Transparent antenna tape with lead-in cable, fender cap. 12-1325 ..... **4.99**



**3-way connector**

Couples two antennas to one radio, or one antenna to two radios. 12-1313 ..... **1.99**



**Male-to-female 12-foot extension cable**

Ideal for rear-mount antennas. Built-in capacitor. 12-1311 ..... **4.99**



**Male-to-female 24" extension**

Adds 2 feet to antenna cable. 12-1312 ..... **1.99**



**Male-to-male 24" extension**

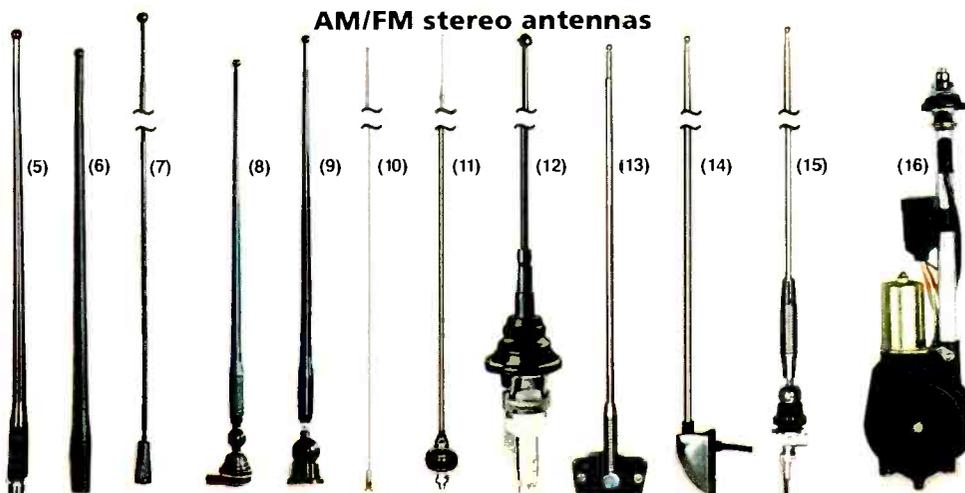
Shielded. 12-1314 ..... **1.99**



**GM antenna adapter**

Adapts GM mini connector to standard radio jack. 12-1336 ..... **2.99**

- (5) Flexible universal replacement mast. 14" long. 12-1333 ..... **4.99**
- (6) Flexible universal replacement mast. 13<sup>1</sup>/<sub>2</sub>" long. 12-2267 ..... **4.99**
- (7) Black universal replacement mast. Mast-mount. 30<sup>3</sup>/<sub>4</sub>" long. 12-2268 ..... **6.99**
- (8) "Rubber ducky" antenna. Roof, truck, fender mount. 16" long. 50" cable. 12-1327 ..... **7.99**
- (9) Flexible universal antenna. Fender or cowl mount. Swivel base. 15" long. 54" cable. 12-1331 ..... **7.99**
- (10) One-piece mini antenna. For small mounting areas. 31" stainless steel whip mast. 54" cable. 12-1322 ..... **9.99**
- (11) Universal "8-ball" antenna. Adjustable top cowl/fender mount. Extends from 21<sup>1</sup>/<sub>4</sub>" to 55"; adjusts 35°. Stainless steel whip. 54" cable. 12-1306 ..... **9.99**
- (12) Black one-piece mini antenna. 31" long. 54" cable. For narrow fender areas. 12-1334 ..... **9.99**
- (13) Gutter-mount antenna. Three-section whip extends to 30<sup>3</sup>/<sub>4</sub>". 78" cable. 12-1324 ..... **9.99**
- (14) Pillar-mount antenna. Fits most domestic and foreign cars. Extends from 19<sup>1</sup>/<sub>2</sub>" to 51". 61" lead-in cable. 12-1320 ..... **9.99**
- (15) Stainless steel spring antenna. Swivel ball mount for cowl/fender. Extends from 25<sup>3</sup>/<sub>4</sub>" to 55". Adjusts 90°. 48" cable. 12-1307 ..... **9.99**
- (16) Power antenna. Needs only 13" of room below mounting surface. Extends/retracts when radio or ignition is turned on or off. Extends to 39". Stainless steel. 12-1330 ..... **39.99**



**AM/FM stereo antennas**





### Our best 6x9" 3-way

Delivers awesome sound! Rated 100-watt RMS, 300-watt maximum capacity per channel—great with high-power amplifiers. Moisture-proof polypropylene woofer and extra-large 20-oz. magnet for incredible bass, 3" mylar midrange and 1" polyimide tweeter. 60-20,000Hz response. (TSP) 12-1719 ..... Pair 99.99



### 6x9" 3-way

Add sonic brilliance to your car stereo with these great-sounding 3-way speakers—the perfect upgrade from the 6x9" speakers that came in your car. Rated to handle an impressive 60-watt RMS, 180-watt max. capacity per channel! 2 1/2" midrange, 1 1/2" piezo tweeter. Wide 30-20,000Hz frequency response. (TSP) 12-1739 ..... Pair 69.99



### 6x9" 2-way

A lot of performance in a low-priced 6x9" speaker. 50-watt RMS, 150-watt max. capacity per channel. 2-way design for clean sound. Paper cone, foam surround woofer with big 13.2-oz. barium ferrite magnet, 2 1/2" paper cone tweeter. 75-20,000Hz frequency response. (TSP) 12-1738 ..... Pair 49.99



### 6x9" dual-cone

Dual-cone design makes this an affordable upgrade or replacement for 6x9" factory speakers. Rated 30-watt RMS, 90-watt max. capacity per channel—either stereo power or a small amplifier will work great. Big 10-ounce magnet. 50-20,000Hz frequency response. 12-1737 ..... Pair 29.99



### 6 1/2" 3-way

Polypropylene-coated 6 1/2" woofer with durable rubber surround resists moisture. 1" piezo tweeter delivers crisp highs. 2" midrange. 50-watt RMS, 150-watt max. per channel. 70-20,000Hz frequency response. (TSP) 12-1745 ..... Pair 59.99



### 6 1/2" 2-way

Great value in a popular-size 2-way. Paper-coated 6 1/2" woofer with 8-oz. magnet, 1 1/2" mylar tweeter. Rated 30-watt RMS, 90-watt max. capacity per channel. 105-16,000Hz frequency response. (TSP) 12-1744 ..... Pair 39.99



### 6 1/2" dual-cone

15-watt RMS, 45-watt max. capacity per channel. They're specially designed for installation in limited spaces—require only 2 1/8" depth for mounting. 90-19,000Hz frequency response. 4.3-oz. magnet. 12-1743 ..... Pair 24.99



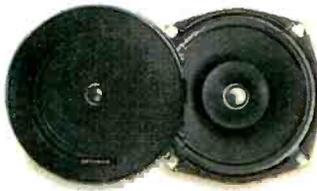
### 5x7"/6x8" 3-way

Custom fit for many Chrysler, Dodge, Ford, Mercury, Nissan, Toyota, and Volkswagen vehicles. 5x7" woofer. 2" mylar midrange. 1 1/2" piezo tweeter. 30 watts RMS, 90 watts max. per channel. 75-20,000Hz response. (TSP) 12-1741 ..... Pair 49.99



### 5 1/4" 3-way

30-watt RMS, 90-watt max. capacity per channel. They deliver super full-range performance. 5 1/4" woofer with super heavy 17.72-oz. magnet, 2" midrange and 1" tweeter. 70-20,000Hz frequency response. (TSP) 12-1717 ..... Pair 49.99



### 5 1/4" dual-cone

Only 2 1/8" deep—great for tight areas like door panels. Dual-cone design includes 5 1/4" woofer and "whizzer" cone that produces crisp highs. 15-watt RMS, 45-watt max. capacity per channel. 75-19,000Hz response. 12-1742 ..... Pair 19.99



### 4x6" 2-way

Designed to fit the odd-size speaker openings found in many GM and Nissan cars and trucks. 4x6" woofer with coated-paper cone and 5.3-oz. magnet. 1 1/2" mylar tweeter. Rated 20-watts RMS, 60-watts max. capacity per channel. 95-16,000Hz frequency response. 12-1740 ..... Pair 29.99



### 4" 2-way

Coated 4" woofer with 5.3-oz. magnet and 1 1/2" mylar tweeter combine for clean frequency reproduction at an affordable price. 20-watt RMS, 60-watt max. power capacity per channel. 105-16,000Hz response. 12-1747 ..... Pair 29.99



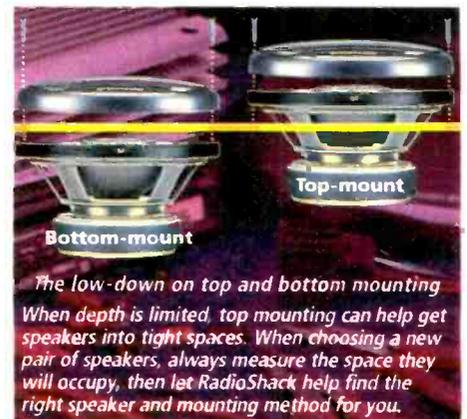
### 4" dual-cone

This budget dual-cone is a sure fit—only 2" deep. Paper woofer, with mylar center cone and foam surround, produces clean highs. 15 watts RMS, 45 watts max. power capacity per channel. 95-19,000Hz response. 12-1746 ..... Pair 19.99



### New 3 1/2" 2-way

Replacement speaker for the front dash includes a screen to protect against dust. 3 1/2" woofer with 4.3 oz. magnet and 1 1/4" tweeter. Rated 15-watt RMS, 45-watt max. power capacity per channel. 117-15,000Hz response. 12-1760 ..... Pair 24.99



**The low-down on top and bottom mounting**  
When depth is limited, top mounting can help get speakers into tight spaces. When choosing a new pair of speakers, always measure the space they will occupy, then let RadioShack help find the right speaker and mounting method for you.



# Paired Up for a Great Match

RadioShack has speakers designed to fit your car's stock openings. Or, if you don't want to use the manufacturer's locations, try one of the surface-mount speakers on this page. They sound great and install easily. Plus, we have megacable for professional hookups.

### 4-way bass-reflex car speakers

Delivers clean sound with powerful bass. Mounts on rear deck or any flat surface with included mounting hardware. 50-watt RMS, 150-watt max. capacity per channel. 4-way design features 4" woofer with 8-oz. Barium magnet, 2" midrange and dual 1" tweeters. Super-efficient bass-reflex design. Measures 5 1/8" x 11 7/16" x 6 1/8" each. 60-20,000Hz frequency response. (TSP) 12-1713 . . . . . Pair 79.99

### The right speaker is essential for balanced sound & easy installation

The diagram below shows recommended mounting locations for most vehicles. Locations may vary depending on installation and make.



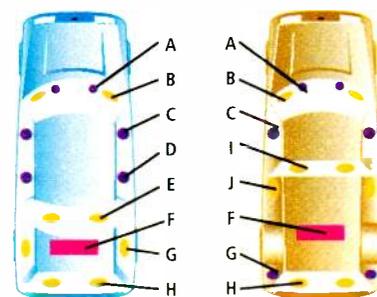
### 3-way bass-reflex surface mount

50-watt RMS, 150-watts max. per channel. 4 1/4" woofer, 2" mid, 1" tweeter. 150-20,000Hz. Was \$59.99 in '97 catalog. (TSP) 12-1733. . . . . New Low Price! Pair 49.99



### 3-way bass-reflex speakers

15-watt RMS, 45-watt max. capacity per channel. Perfect for rear deck mounting. Features 3" woofer, 2" midrange, 1" piezo tweeter. 100-20,000Hz. 3 3/4" x 8 1/8" x 4 1/4". 12-1724 . . . . . Pair 29.99



Speaker Location Guide

A	Front dash
B	Front kick panels
C	Front door panels
D	Rear door or rear seat side panels
E	Rear deck (below rear window)
F	Trunk, hatchback, cargo area or ext. cab
G	Rear or side panels or rear wheel wells
H	Tailgate
I	Behind seat, cab corners or lower side wall
J	Mid-rear side panels



### Megacable® speaker wire

Our best! 12-gauge copper rope-strand in plastic insulation. 278-1268 . . . . . Per foot 99¢  
16-gauge Megacable. 278-1270 . . 50-ft. roll 16.99  
14-gauge flat Megacable. 278-1273 . . 50-ft. roll 19.99



### 3" full-range surface mount

20-watt RMS, 60-watt max. capacity per channel. Each has 3" full-range driver with 2.8-oz. magnet. 230-15,000Hz. Installs easy. 12-1732. . . . . Pair 19.99

### Car Speaker Features at a Glance

Cat. No.	Description	Pwr. Capacity Per Channel (RMS/Max.)	Woofer	Midrange	Tweeter	Frequency Response	Impedance	Mounting Depth	Price (pair)
<b>Flush-mount speakers</b>									
12-1746	4" dual-cone	15 watts/45 watts	4"*	—	—	95Hz-19,000Hz	4 ohms	2"	19.99
12-1742	5 1/4" dual-cone	15 watts/45 watts	5 1/4"*	—	—	75Hz-19,000Hz	4 ohms	2 1/2"	19.99
12-1743	6 1/2" dual cone	15 watts/45 watts	6 1/2"*	—	—	90Hz-19,000Hz	4 ohms	2 3/8"	24.99
12-1760	3 1/2" 2-way	15-watts/45 watts	3 1/2"	—	1 3/8"	117Hz-15,000Hz	4 ohms	1 1/8"	24.99
12-1737	6 x 9" dual-cone	30 watts/90 watts	6 x 9"*	—	—	50Hz-20,000Hz	4 ohms	2 3/4"	29.99
12-1747	4" 2-way	20 watts/60 watts	4"	—	1 1/2"	105Hz-16,000Hz	4 ohms	2 1/16"	29.99
12-1740	4 x 6" 2-way	20 watts/60 watts	4 x 6"	—	1 1/8"	95Hz-16,000Hz	4 ohms	2"	29.99
12-1744	6 1/2" 2-way	30 watts/90 watts	6 1/2"	—	1 1/2"	105Hz-16,000Hz	4 ohms	2 1/16"	39.99
12-1717	5 1/4" 3-way	30 watts/90 watts	5 1/4"	2"	1"	70Hz-20,000Hz	4 ohms	2 1/8"	49.99
12-1738	6 x 9" 2-way	50 watts/150 watts	6 x 9"	—	2 1/2"	75Hz-20,000Hz	4 ohms	3"	49.99
12-1741	5 x 7 1/6 x 8" 3-way	30 watts/90 watts	5 x 7"	2"	1 1/2"	75Hz-20,000Hz	4 ohms	2 1/16"	49.99
12-1745	6 1/2" 3-way	50 watts/150 watts	6 1/2"	2"	1"	70Hz-20,000Hz	4 ohms	2 1/8"	59.99
12-1739	6 x 9" 3-way	60 watts/180 watts	6 x 9"	2 1/2"	1 1/2"	30Hz-20,000Hz	4 ohms	2 1/8"	69.99
12-1719	6 x 9" 3-way	100 watts/300 watts	6 x 9"	3"	1"	60Hz-20,000Hz	4 ohms	3 1/4"	99.99
<b>Surface-mount speakers</b>									
12-1732	Full-range	20 watts/60 watts	3"*	—	—	230Hz-15,000Hz	4 ohms	N/A	19.99
12-1724	3-way bass-reflex	15 watts/45 watts	3"	2"	1"	100Hz-20,000Hz	4 ohms	N/A	29.99
12-1733	3-way bass-reflex	50 watts/150 watts	4 1/4"	2"	1"	150Hz-20,000Hz	4 ohms	N/A	49.99
12-1713	4-way bass-reflex	50 watts/150 watts	4"	2"	1" (two)	60Hz-20,000Hz	4 ohms	N/A	79.99

\*Full-range driver (not woofer).





**New 10" 2-way split-box truck speakers**

150-watt RMS, 450-watt maximum capacity per pair. These speakers are designed to withstand the toughest conditions. Heavy-duty carpet protects the speaker enclosure and vehicle interior from scuffs and scratches. Tuned-port design for great bass. 3 3/4" piezo electric tweeters deliver crisp, sharp high frequency response. Carry handles. Measures 19x6x14" each. 4 ohms impedance. (TSP) **12-1751** ..... **Pair 149.99**



**New 8" 2-way split-box truck speakers**

100-watt RMS, 300-watt maximum capacity per pair. These speakers are designed for use in or out of vehicle. Heavy-duty carpet protects the speaker enclosure and vehicle interior. Protective metal grille. Polymer laminate woofer is moisture resistant. 3 3/4" piezo electric tweeters deliver sharp high frequency response. Carry handles. Measures 16x6x12" each. 4 ohms impedance. (TSP) **12-1749** ..... **Pair 99.99**



**New 8" 2-way hatchback speaker**

Ideally suited for use in a hatchback car, you'll get 125-watt RMS and 375-watt maximum capacity. Features heavy-duty carpet covering, metal grille and carry handles—can easily be moved outside vehicle for tailgate parties. Delivers rich stereo sound with 2-way ported design. Polymer laminate woofer is moisture resistant. 3 3/4" piezo tweeter maximizes high-frequency response. Measures 30x10x10". 4 ohms impedance. (TSP) **12-1750** ..... **Each 99.99**



**8" 4th-order bandpass tube subwoofer**

You'll get a kick out of this tube's hard-hitting bass and hot looks. Most tubes use a traditional ported-enclosure design, ours uses an 8" woofer in a bandpass design to produce clean, efficient, traffic-stopping bass. Handles up to 100 watts RMS with 300-watt max capacity. 8" poly laminate woofer with a large 25-ounce magnet. Carpeted exterior with plexiglass window that lets you see woofer in action! 18x12x10 1/8". 4 ohms impedance. (TSP) **12-1748** ..... **Each 149.99**

**Truck & Hatchback Speakers**

Cat. No.	Description	Continuous Power Handling (RMS)	Maximum Power Handling	Woofer	Tweeter	Frequency Response	Impedance	Dimensions (LxDxH)	Price
12-1749	8" 2-way truck/van speakers	100 watts/pair	300 watts/pair	8"	3 3/4"	38-20,000Hz	4 ohms	16x6x12"	<b>99.99 Pair</b>
12-1750	8" 2-way hatchback speakers	125 watts/system	375 watts/system	8"	3 3/4"	30-20,000Hz	4 ohms	30x10x10"	<b>99.99 Each</b>
12-1751	10" 2-way truck/van speakers	150 watts/pair	450 watts/pair	10"	3 3/4"	35-20,000Hz	4 ohms	19x6x14"	<b>149.99 Pair</b>
12-1748	8" 4th-order bandpass-tube subwoofer	100 watts/system	300 watts/system	8"	—	52-140Hz	4 ohms	18x12x10 1/8"	<b>149.99 Each</b>



**For more sound choices for your vehicle, look to RadioShack Unlimited™**

Our selection of truck and hatchback speaker systems doesn't end on this page. RadioShack Unlimited offers a full line of box speaker systems from Gem Sound New York—the brand known for DJ/club sound and lighting products.

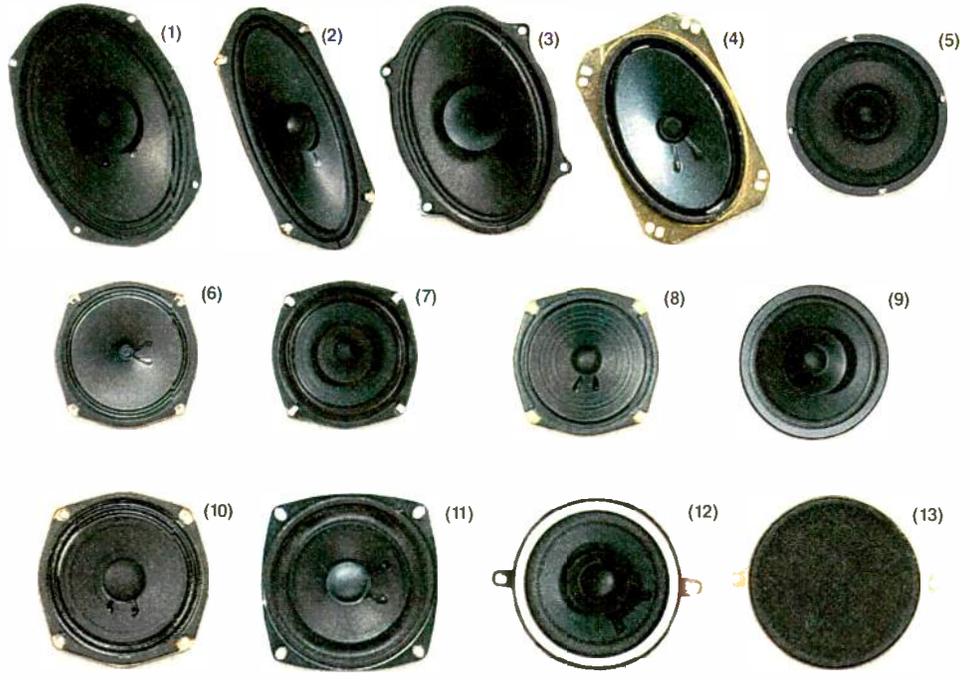
These high-output speakers deliver all the punch needed to turn any ride into a thrilling, high-energy club experience, and they're all available for fast delivery to your door through RadioShack Unlimited.

Let RadioShack Unlimited round out all your car audio shopping with speakers, installation kits and accessories to complement our large in-store selection.



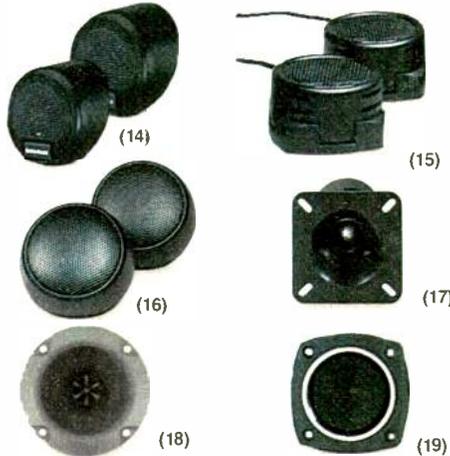
## Replacement/upgrade speakers

- (1) 6x9", 12 watts RMS/35W max. 10 oz. magnet. Was \$16.99 in '97 Catalog. 40-1265. **New Low Price! Each 14.99**
- (2) 4x10", 10 watts RMS/30W max. 10 oz. magnet. Was \$16.99 in '97 Catalog. 40-1297. **New Low Price! Each 14.99**
- (3) 5x7", 5 watts RMS/15W max. 2.8 oz. magnet. 40-1261 ..... **Each 11.99**
- (4) 4x6", 3 watts RMS/9 watts max. 5.3 oz. magnet. 40-1298 ..... **Each 9.99**
- (5) 6", 7 watts RMS/14 watts max. 9.8 oz. magnet. Was \$16.99 in '97 Catalog. 40-1285. **New Low Price! Each 14.99**
- (6) 6", 2.5 watts RMS/5 watts max. 2.8 oz. magnet. 40-1242 ..... **Each 7.99**
- (7) 5 1/4", 20 watts RMS/60 watts max. 10 oz. magnet. 40-1354 ..... **Each 14.99**
- (8) 5 1/4", 4 watts RMS/8 watts max. 2.8 oz. magnet. 40-1241 ..... **Each 6.99**
- (9) 5", 10 watts RMS/20 watts max. 9.8 oz. magnet. 40-1284 ..... **Each 12.99**
- (10) 5", 2 watts RMS/5 watts max. 2.8 oz. magnet. 40-1240 ..... **Each 6.99**
- (11) 4", 3 watts RMS/9 watts max. 6.8 oz. magnet. 40-1197 ..... **Each 11.99**
- (12) 3 1/2", 10 watts RMS/30 watts max. 5 oz. magnet. 40-1325 ..... **Each 9.99**
- (13) 3 1/2", 2 watts RMS/6 watts max. 2.8 oz. magnet. 40-1333 ..... **Each 4.99**



## Add a set of tweeters

- (14) 2 1/2" surface-mount dome tweeter set. Dome-shaped diaphragm for superior dispersion. 3kHz-20kHz. 94dB sensitivity. 20 watts RMS/40 watts max. 4 ohm. 40-1393 ..... **Set 39.99**
- (15) 3/4" surface-mount dome tweeter set. Restores high frequencies. Built-in crossover. 5kHz-20kHz. 20 watts RMS/60 watts max. 4 ohm. Includes mounting base and hardware. 40-1391 ..... **Set 29.99**
- (16) **New** Surface-mount tweeter set. For excellent high frequencies. 5kHz-30kHz response. 50 watts RMS/100 watts max. 40-1217 ..... **Set 19.99**
- (17) 2 1/2" horn tweeter. 6-16kHz response. 12 watts RMS/24 watts max. 40-1278 ..... **Each 14.99**
- (18) **New** 3 3/4" exponential horn tweeter. 4kHz-27kHz. 100 watts RMS/200 watts max. 40-1233. **Each 9.99**
- (19) 2" piezo tweeter. No crossover needed. 50 watts RMS/100 watts max. 5-25kHz response. 40-1383 ..... **Each 4.99**



## 2-way speaker crossover network

Sends lows to woofer, highs to tweeter. 33 watts RMS/100 watts max. Crossover: 3000Hz. 12 dB/octave. 40-1305 ..... **19.99**



## 6x9" speaker enclosures

Sturdy wood boxes covered in carpet. Spring terminals for fast hookup. 8 1/4 x 12 1/4 x 7 1/2. Were \$34.99 in '97 Catalog. 40-171, **New Low Price! Pair 29.99**



## Polypropylene-cone woofers and dual-voice-coil subwoofers

- (20) 12" subwoofer. Construct your own deep-bass speaker system. Dual voice coil. 50 watts RMS/100 watts max. Response: 26-2,700Hz. 19 oz. magnet. 40-1350 ..... **59.99**
- (21) 12" polypropylene woofer. Extra durable polypropylene cone. 50 watts RMS/100W max. Response: 25-3,000Hz. 19 oz. magnet. 40-1026 ..... **59.99**
- (22) 10" subwoofer. Extra-long cone excursion. Dual voice coil. 50 watts RMS/100 watts max. Response: 30-2,000Hz. 20 oz. magnet. 40-1349 ..... **49.99**
- (23) 10" polypropylene woofer. Long-life cone is built to withstand greater stress at high volume level. 50 watts RMS/100 watts max. Response: 30-2500Hz. 12 oz. magnet. 40-1014 ..... **39.99**
- (24) 8" subwoofer. Delivers solid bass. 50 watts RMS/100 watts max. Response: 40-2500Hz. 18 oz. magnet. 40-1348 ..... **39.99**
- (25) 8" polypropylene woofer. 50 watts RMS/100 watts max. Response: 35-3,000Hz. 10 oz. magnet. 40-1024 ..... **29.99**
- (26) 6 1/2" subwoofer. Extra-long cone excursion for deeper bass. 20 watts RMS/40 watts max. Response: 40-3,000Hz. 10 oz. magnet. 40-1373 ..... **24.99**



## Custom speaker grilles

- 5 1/4" round. Wire mesh grille. 40-1336 ..... **Each 4.99**
- 6x9". All-steel grille. 40-1175 ..... **Each 4.99**
- 8" round. All-steel grille. 40-1345 ..... **Each 9.99**
- 10" round. All-steel grille. 40-1357 ..... **Each 11.99**
- 12" round. All-steel grille. 40-1346 ..... **Each 12.99**



## Molded speaker grilles

- 4" or 5" round. Door mount. 40-1321 ..... **Each 3.99**
- 6x9". Rear-deck mount. 40-1322 ..... **Each 5.99**





**In-dash installation kits**

- GM. Fits 93 different vehicle models. 12-1384 . . . . . 14.99
- Ford/Chrysler. Fits 134 different vehicle models. 12-1388 . . . 14.99
- Universal Import. Fits 85 different imports. 12-1396. . . . . 14.99



**Installation needs and RadioShack Unlimited<sup>SM</sup>**



**We have what you need:**

Your local RadioShack carries everything you need to successfully complete an average car stereo installation plus friendly, professional people who can explain the entire installation process.

But what if you plan to install an elaborate system? What if you own an older car? No problem. Hard-to-find items you need are available through RadioShack Unlimited!



**Easy amplifier installation kit**

Wiring and connectors for any amplifier up to 200 watts. 20 feet of 10-gauge power cable, 17-ft. line in/out cable with 4 RCA plugs, 10-gauge AGC fuse holder 12-1370 . . . . . 29.99

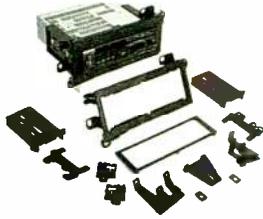
**Wiring harness adapters**

The easy, sure-fitting way to attach a new tuner's wiring harness. Also allows for easy removal of stereo when you sell your car. Each 9.99



**Installation kits,**

If your vehicle's "factory equipped" radio is not the same size as the unit you plan to install, an in-dash installation kit is recommended for installing the new unit in the vehicle. An installation kit is a panel(s) and bracket(s) set which will allow proper mounting of your new car stereo unit: in a "factory equipped" unit's location. They're great because they use the "factory" mounting location for the best appearance and ease-of-use, and are designed to provide the best support for your stereo. Hard-to-find installation kits are available through RadioShack Unlimited.



**Antenna adapters,**

Your vehicle may require a special antenna adapter when replacing the "factory equipped" or "OEM" stereo. An antenna adapter will allow the antenna in your car to plug directly into the jack on the rear of your new car stereo. If you run across a mismatched antenna plug/jack combination, check RadioShack Unlimited for an adapter.

**"Smart" connectors**

Just plug in to connect '93 and up Optimus-brand car stereos to your vehicle's factory wiring. Each 14.99



Fits	Cat.No.	Fits	Cat.No.
Ford '82-'85	12-1797	Chrysler '84-up	12-1793
Toyota '87-up	12-1796	Ford '86-up	12-1792
Nissan '82-up	12-1795	GM '77-'87	12-1790
Honda '86-up	12-1794	GM '88 up	12-1791

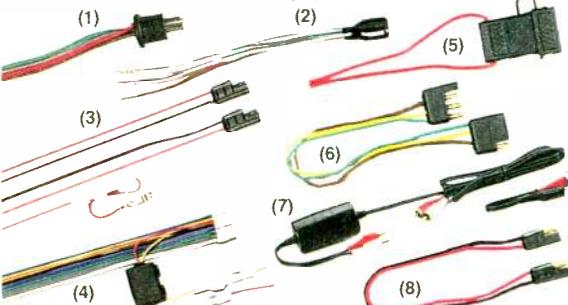
**Plug-in wiring harnesses,**

The task of connecting your new stereo to your car's wiring can be greatly simplified by using a wiring harness adapter. You connect the adapter to the wiring of your new stereo before installing it in the car. Then, simply snap the harness onto the "factory stereo connector" behind your car's dashboard and you're done. RadioShack and RadioShack Unlimited have these adapters.

**Some helpful advice,**

Even if you have never installed a car stereo before, you'll be surprised just how simple it is— with help from your nearby RadioShack. First, remove your present stereo, which usually takes only standard tools. Next, using an installation kit and wiring harness adapter from RadioShack, assemble the faceplate and plug in the wiring connectors as

**Cables, plugs and sockets**



- (1) 5-pin car stereo plug. 12" leads. Fits Realistic® and earlier model Optimus® car stereos. 270-041 . . . . . 2.49
- (2) 5-pin inline car stereo socket. 7" leads. 274-1215 . . 1.99
- (3) 4-ft. DC cable set. Prewired with polarized plug, jack and fuse holder. 270-025 . . . . . 2.49
- (4) 14-pin car stereo harness. Replacement harness for recent RadioShack and Optimus car stereos. 12-1387 . . . . . 9.99
- (5) Inline "blade" fuse holder. For fuse up to 30 amps. 270-1213 . . . . . 1.99
- (6) 4-conductor accessory cable. 12" long. With polarized plug and jack. Useful for connecting trailer lights and other accessories. 270-027 . . . . . 2.49
- (7) Ground loop isolator. Helps eliminate electrical noise and hum caused by ground loops. 270-054 . . . . . 14.99
- (8) 2-conductor accessory cable. 12" long. Polarized plug and jack. 270-026 . . . . . 1.49



**Speaker adapters,**

To mount new speakers in your car's "factory" openings, you may need a speaker adapter set. A speaker adapter set, if required, will allow you to mount new speakers in your vehicle if it has a non-standard speaker size or existing cutout. Speaker adapters also allow you to upgrade to a different type speaker. Check out RadioShack Unlimited's available speaker adapters. They're installation lifesavers.



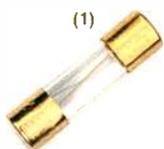
**And the right tools.**

You may need only common household tools to install your new stereo:

- ✓ Screwdriver
- ✓ Wire strippers/crimpers
- ✓ Electrical tape
- ✓ Wire ties
- ✓ Wire tap-ins

Some installations may require additional tools which are available at RadioShack and through RadioShack Unlimited.

## Fuses, kits, holders



(1) AGU fuses. Each 2/2.99

Amps	Cat. No.
10	RSU 11915352
20	270-1122
30	270-1123
40	RSU 11915360
50	RSU 11915378
60	270-1126

ANL MEGA fuse. Each 12.99

Amps	Cat. No.
100	RSU 11538832
125	RSU 11538840
150	RSU 11538857
200	RSU 11538865
250	RSU 11538873

Wafer fuse. Each 17.99

Amps	Cat. No.
80	RSU 11538790
100	RSU 11538808
130	RSU 11538816
150	RSU 11538824



(2) Glass fuse kit. Set of 10 most needed sizes. 270-1262 ..... 1.99



(3) "Blade" fuse kit. Set of 5 most needed sizes. 270-1201 ..... 1.99



Mini blade fuse kit. Set includes 8 fuses and puller. 270-1203 ..... 2.99



(4) Inline fuse holder for glass fuse. Rated for fuse up to 20 amps. 270-1211 ..... 1.49



(5) Fuse tool. Install/remove glass/plastic fuses without damaging them. 270-1199 ..... 99c



Items below 100% brass, gold-plated. Most have water-resistant enclosure.

Single AGU fuse holder. Includes 30 amp fuse. 270-701 ..... 9.99



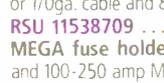
(6) Dual AGU fuse holder. Ideal for dual amps. 270-704 ..... 19.99



Multi-amp fuse holder. Accepts 4 AGU fuses. 270-707 ..... 29.99



(7) Power distributor block. For multiple amps. 270-710 ..... 14.99



(8) Heavy-duty battery terminals. Adds 2 more connections for car accessories. Negative, 270-714. Positive, 270-715 ..... Each 9.99

## Fuse holders

ATC in-line fuse holder. For use with EFX 8 or 10ga. cable and up to 40-amp ATC fuses.

RSU 11538691 ..... 7.99

High amperage wafer fuse holder. For use with EFX 4 or 1/0ga. cable and 80-150 amp wafer fuses.

RSU 11538709 ..... 19.99

MEGA fuse holder. For use with EFX 4 or 1/0ga. cable and 100-250 amp MEGA fuses. RSU 11538717 ..... 24.99

Single in-line fuse holder. For use with EFX 4 or 8ga. cable and 10-60 amp AGU fuses. RSU 11538683 ..... 12.99

Capsule-design MEGA fuse holder. For use with EFX 4 or 1/0ga. cable and 100-250 amp MEGA fuses.

RSU 11538725 ..... 49.99



## Gold-plated connectors

(9) **New** Gold-plated right-angle terminals. 8 awg. #6. 2 red, 2 black. 278-323 ..... 4/4.99

(10) **New** Gold-plated coupler. 8 ga. 278-330, .. 5.99

(11) **New** Gold-plated large battery terminal. 8 ga. 278-332 ..... 9.99

Gold-plated large battery terminal. 4-gauge version. 278-333 ..... 9.99

(12) **New** Gold-plated rings. 8 ga. 278-334, 2/3.99



Ground loop isolator. Helps eliminate electrical noise and hum caused by ground loops. For home or car stereo. Installs in-line between head unit and equalizer or amplifier input. 1/8" jack adapter for use with portable CD 270-054, 14.99

## Power distributors SCOSCHE

4-8ga. power distributor block. One 4ga. in and four 8ga. out. RSU 11538634 ..... 12.99

4-8ga. power/ground distributor. One 4ga. in and four 8ga. out. RSU 11538600 ..... 19.99

1/0ga. to 4ga. power distributor. RSU 11538675 ..... 19.99

1/0ga. to 4ga. converter adapter. RSU 11538667 ..... 14.99

Capsule design distrib. block. 1/0-4ga. inputs/outputs, two 4 & four 8ga. outputs. RSU 11538535 ..... 39.99

Ground distributor, 2 outlets. One 4ga. in and two 8ga. out. RSU 11538576 ..... 34.99

Ground distributor, 4 outlets. One 4ga. in and four 8ga. out. RSU 11538568 ..... 49.99

4-8ga. fused power distributor. One 4ga. in and four 8ga. out. RSU 11538642 ..... 24.99

8-8ga. fused power distributor. Four 8ga. in and four 8ga. out. RSU 11538659 ..... 24.99

4-8ga. fused power distributor. One 4ga. in and four 8ga. out. RSU 11538584 ..... 24.99

4-8ga. fused power distributor. One 4ga. in and two 8ga. out. RSU 11538592 ..... 19.99

Power distributor, fused, 2 outlets. One 4ga. in and two 8ga. out. RSU 11538543 ..... 34.99

Power distributor, fused, 4 outlets. One 4ga. in and four 8ga. out. RSU 11538550 ..... 49.99

8-8ga. power fuse block. Four 8ga. in and four 8ga. out. RSU 11538618 ..... 24.99

8-8ga. power fuse block. Two 8ga. in and two 8ga. out. RSU 11538626 ..... 19.99

## Power cable

Description	Cat. No.	Price
8ga., 665-36ga. total strands, red, 125 ft.	RSU 11537958	99.99
8ga., 665-36ga. total strands, black, 125 ft.	RSU 11537966	99.99
10ga., 105-30ga. total strands, red, 250 ft.	RSU 11537974	84.99
10ga., 105-30ga. total strands, black, 250 ft.	RSU 11537982	84.99
4ga. red power, 15 ft.	RSU 11537990	44.99
4ga. red power, 25 ft.	RSU 11538006	69.99
4ga. black ground, 5 ft.	RSU 11538014	19.99
4ga. red power, 15 ft.	RSU 11538022	29.99
4ga. red power, 25 ft.	RSU 11538030	44.99
4ga. black ground, 5 ft.	RSU 11538048	14.99
8ga. red power, 25 ft.	RSU 11538063	29.99
8ga. black ground, 5 ft.	RSU 11538071	9.99
8ga. red power, 15 ft.	RSU 11538089	12.99
8ga. red power, 25 ft.	RSU 11538097	19.99
8ga. black ground, 5 ft.	RSU 11538105	7.99
1/0ga. red power, 25 ft.	RSU 11538113	169.99
1/0ga. black power, 10 ft.	RSU 11538121	69.99



(13) 12 gauge rope-strand



(14) Megacable

**Megacable® makes a difference**

(13) 12-gauge Megacable. Our best! Rope-strand, pure copper conductors. More flexible than standard wire.

278-1268 ..... Per foot 99c

16-gauge Megacable. For clear-sounding car audio, home, public address, too. 278-1270 ..... 50-ft. roll 16.99

14-gauge flat Megacable. Great for car door jams and other tight areas. 278-1273 ..... 50-foot roll 19.99

(14) 18-gauge, 2-conductor. 278-567 ..... 25-ft. roll 4.29



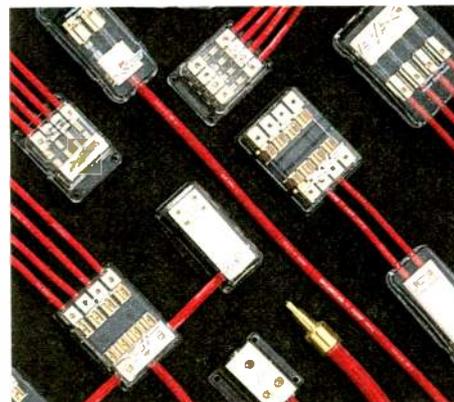
(15) Heavy-duty power cable

(15) **New** 8-gauge cable. Red 278-1351 ..... Per foot 99c

(16) **New** 8-gauge cable. Black 278-1352 ..... Per foot 99c



**RadioShack Unlimited**



## Power terminals

1/0ga. crimp-style, 3/16" hole. RSU 11538139. . . 2/12.99

4ga. crimp-style, 3/16" hole. RSU 11538147 . . . 4/8.49

4ga. crimp-style, 3/8" hole. RSU 11538162 . . . 4/8.49

4ga. crimp-style, #10 stud hole. RSU 11538188 ..... 4/8.49

8ga. crimp-style, 3/16" hole. RSU 11538204 . . . 4/7.99

8ga. crimp-style, 3/8" hole. RSU 11538220 . . . 4/7.99

8ga. crimp-style, #10 stud hole. RSU 11538246 ..... 4/7.99

10ga. crimp-style, 3/16" hole. RSU 11538261 . . . 4/7.99

10ga. crimp-style, #10 stud hole. RSU 11538287 ..... 4/7.99

4ga. set-screw style, 3/16" hole. RSU 11538303, 11.99

8ga. set-screw style, 3/16" hole. RSU 11538311. . 11.99

4ga. barrier-style, #10 stud hole. RSU 11538329 ..... 4/8.49

8ga. barrier-style, #10 stud hole. RSU 11538345 ..... 4/7.99

10ga. barrier-style #10 stud hole. RSU 11538360 ..... 4/7.99

8ga. barrier spade terminal, #10 stud appl. RSU 11538386 ..... 4/7.99

4ga. splice connector. RSU 11538402 ..... 4/8.99

8ga. splice connector. RSU 11538428 . . . 4/7.99

## Battery terminals/connection

Standard, positive. For top-mount posts. RSU 11538451. . . . . 14.99

Standard, negative. For top-mount posts. RSU 11538469. . . . . 14.99

Side post terminal. RSU 11538477 ..... 7.99

GM battery posts/studs. For side mount. RSU 11538485 ..... 9.99

Standard connection system, positive. RSU 11538493 ..... 49.99

Standard connection system, negative. RSU 11538501 ..... 49.99

GM battery connector system. RSU 11538519, 49.99

Power supply adapter. For system above. RSU 11538527 ..... 12.99

## 12VDC cords and adapters



(1) **Universal 12VDC fused, coiled cord.** Tangle resistant. Four coax-style plugs fit a variety of 12VDC devices. Replaceable 2-amp fuse. 270-1528. . . . . 9.99



(2) **Heavy-duty 12VDC fused cord.** 6-ft. 3-amp fuse. Coax plug. 270-1534. . . . . 5.99



(3) **Ten-foot 12VDC extension cord.** 6 amps. 270-1536 . . . 5.99



(4) **Standard 12VDC fused cord.** 8-ft. 2-amp fuse. Coax plug. 270-1533. . . . . 4.49



(2) **Auto electrical system tester.** Just plug into your lighter socket. Color-coded LEDs help you spot battery and charging system problems. 22-1635. . . . . 5.99



(3) **12VDC lighter plug.** With 8-ft. cord. 270-021 . . . . . 3.49



(5) **Heavy-duty 12VDC power plug.** Plugs into vehicle lighter socket. Accepts standard 1 $\frac{1}{8}$ × $\frac{1}{4}$ "-diameter glass fuse up to 7.5 amps. 274-335 . . . . . 2.39



(4) **12VDC lighter plug.** Fits standard lighter socket. Rated 6 amps. 274-331. . . . . 1.69



(4) **12VDC accessory outlet.** Mounts under dash or in camper for powering 12VDC devices such as car phone or radar detector. 270-1539. . . . . 5.99



(5) **12VDC cord with battery clips.** Attaches to 12-volt battery to power 12VDC devices such as vacuum cleaners and safety lights that have a lighter-style plug. 270-1527. . . . . 5.99



(6) **Triple 12VDC accessory outlet.** Rated 15 amps, total. 270-1544. . . . . 9.99



(7) **3-outlet 12VDC plug adapter.** Has LED indicator and adjustable neck. 270-1550. . . . . 12.99



(8) **5-foot DC extension cord.** Fits most AC and DC adapters. 5.5mm O.D., 2.1mm I.D. size. 273-1648. . . . . 3.99



(9) **DC Y-cable.** Lets you power two DC-devices from one adapter, such as a portable CD and amplified speakers. 273-1649 . . . 3.99



(9) **Underdash mounting bracket.** Attach a CB, Amateur, Business-Band, or other 2-way radio to dashboard. Adjusts 0 to 9 inches. 270-011 . . . . . 3.99



(10) **Universal mount bracket set.** Three pairs of brackets, support strap. 270-023 . . . . . 3.99



(11) **Auto sound knobs.** Fit "D" and split shafts. Sets include two inner and two outer knobs. Matte black. 274-425 . . . . . 2.19



## Voltage continuity tester

Tells you if your car battery is fully charged, if the ignition is delivering high voltage, and whether or not the wiring is bad. Built-in lights to help place tip of tester accurately. Tests 6-24VDC, plus high-voltage ignition.

RSU 11914819 . . . . . 19.99



## Noise filters

(12) **10-amp noise filter.** Reduces noise and interference entering through 12VDC power lead. 270-051 . . . . . 14.99



(13) **Noise eliminator kit.** Includes filter choke, capacitor and instructions. 270-030 . . . . . 3.99



(14) **20-amp noise filter.** Heavy-duty design for extra suppression of alternator and ignition noise. 270-055 . . . . . 19.99



(15) **Feedthrough filter capacitor.** Helps cut noise from ignition system, fan motor or DC generator. Simple to install. Capacitor is rated 0.5 $\mu$ F, 40 amps, 60WVDC. 272-1085 . . . . 6.49



(16) **Car stereo antenna noise filter.** Eliminates electrical noise from antenna lead. RSU 11536661 . . . . . 16.99



## Switches

(17) **Selector switch.** Switch speakers between a separate stereo tape player and a radio. 8 ohms. RSU 10456200 . . . . . 5.99



(18) **Speaker fader control.** Balances front and rear speakers to suit your taste. RSU 11376423 . . . . 8.99



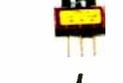
(19) **Lighted rocker switch panel.** SPST. 20 amps at 12VDC. 275-704 . . . . . 4.49



(19) **Dual lighted flip switch panel.** Switches rated 20A each. 275-702 . . . . . 3.49



(20) **Lighted flip switch.** Rated 20 amps. 275-706 . . . . . 2.79



(20) **SPST flip switch.** Rated 16 amps. 275-701 . . . . . 1.99



(20) **Heavy-duty flip switch.** Rated 25 amps. 275-708 . . . . . 2.29



(21) **DPDT flip switch.** Center off position. 20 amps. 275-710 . . . . 2.99



(22) **DPDT momentary flip switch.** Spring return to center off position. 20 amps. 275-709 . . . . . 3.29



(22) **Automotive lighting relay.** SPST contacts rated 30 amps. 12VDC, 66-ohm, 160mA coil. 275-226 . . . . . 5.99



(23) **SPDT flip switch.** Rated 16 amps. 275-711 . . . . . 1.99



(24) **SPST lighted rocker switch.** Rated 16 amps. 275-712 . . . . . 2.29



## Regulated 12VDC power supplies

Both have wire posts and car lighter socket. UL listed.

**3 amp.** 13.8VDC. Power many CBs. 22-504, 39.99

**New 10 amp.** Power a CB base station, check auto sound systems, even power marine pumps. 13.8VDC at 10-amp output. 22-506 . . . . . 99.99



## DC to 115VAC power inverter

Plugs into car lighter socket. Powers small home AC devices such as a shaver, blanket, small TV. Rated 140 watts continuous. 1 $\frac{1}{2}$ ×4 $\frac{1}{4}$ ×2 $\frac{1}{2}$ ". 22-132 . . . . 99.99



## 220-watt power inverter

Converts vehicle DC to 115VAC. For higher-powered appliances such as a TV or VCR. Plugs into vehicle's lighter socket—great for RVs, campers. Handles surges up to 600 watts. 22-138. . . . . 149.99



## Cellular phone AC-to-DC power adapter for home or office use

Desktop adapter. Powers phone from 115VAC wall outlet. RSU 10279990 . . . . . 24.99



## Statpower® power inverters

**NOTEpower®.** This 50-watt inverter is ideal for running or recharging notebook computers, cellular phones and camcorders from vehicle lighter socket. RSU 10436343, 69.99

**PROwatt® 800.** This rugged 800-watt model is the inverter of choice for operating small microwave ovens, coffee makers and small appliances. RSU 10436368 . . . . 499.99

**24V input version.** RSU 11660420. . . . . 862.99

**230V AC 50Hz output.** RSU 11660396 . . . . . 574.99

**PROwatt 1500.** With a serious 1500 watts of continuous power, use it to operate hair dryers, toasters and large microwave ovens. RSU 10436376 . . . . . 849.99

**24V input version.** RSU 11660438 . . . . . 1,184.99

**230V AC 50 Hz output.** RSU 11660404. . . . . 977.99

**PROwatt 2500.** Produces 2400 watts of power continuously, enough to operate numerous applications simultaneously. Can also operate heavy-duty loads like electric lawn mowers and circular saws. RSU 11660446 . . . . 1,099.99

# Drive Safer and Smarter

Our detectors not only help you avoid radar, but they'll help you drive safer. In the rapidly growing number of areas around the country where Safety Alert™ or Safety Warning System™ transmissions are used, our detectors will warn you of dangerous intersections, emergency vehicles, highway construction and other driving hazards.



### New Front/rear laser detector with Real Voice™ warning system

Safety Warning System with voice warnings and over 60 high-visibility text displays keeps you informed of conditions ahead. Covers X, K and Ka bands plus has front and rear laser detection. VG-2 Guard hides your detector's signal from detector-finding devices. Stay Alert™ function tests driver's alertness on long solo trips. (TSP) 22-1680 ..... 249.99



### New Complete radar coverage plus Stay Alert™

Stay Alert feature periodically emits an alarm tone. If no button is pressed to turn it off, a continuous warning tone sounds to make sure you're alert or remind you to take a break. Full 360° coverage of laser, X, K, and Ka bands. Adjustable city/highway mode. VG-2 Guard, high-visibility LED dot-matrix display. (TSP) 22-1679 ..... 199.99



### New Full digital detector with signal meter

Front/rear laser detection. Digital display indicates signal strength and SWS warning. VG-2 Guard. Memory retains settings when detector is turned off. (TSP) 22-1681 ..... 149.99



### New Laser, VG-2 Guard, Safety Alert

LED display and distinctive audio alerts let you know what type of signal is being detected. All-band radar coverage with front/rear laser detection. City/highway setting. Audio mute. (TSP) 22-1676 ..... 139.99



### New Laser, road hazard warning

Front laser coverage, plus all police radar including entire X, K and super-wide Ka bands, with separate visual alerts and audio tones for each. Safety Alert for road hazard warning. (TSP) 22-1675 ..... 119.99



### New Laser detector with Safety Alert

Just listen and you'll know what's being detected—laser, X, K, Ka or one of three road hazards. LED display. Anti-falsing circuitry helps prevent false alarms. (TSP) 22-1674 ..... 99.99

Safety Warning System and "SWS" are trademarks of Safety Warning System. Real Voice and Stay Alert are trademarks of Whistler Corp. Safety Alert is a trademark of Cobra Electronics Corp.

Cat. No.	All-Band Radar	Laser	Front/Rear Detection	VG-2 Guard	Safety Alert	SWS	City/Hwy	Signal Meter	Audio Mute	Dark button	Stay Alert	Memory	Price
22-1674	✓	✓			✓		✓	✓	✓				\$99.99
22-1675	✓	✓			✓		✓	✓	✓	✓			\$119.99
22-1676	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			\$139.99
22-1681	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	\$149.99
22-1679	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	\$199.99
22-1680	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	\$249.99



## Complete selection of radar/laser detector accessories

### Detector power cords

For replacement of lost or worn radar/laser detector cords with 1.3mm plug. 6-ft. length, coiled.

- 270-031 ..... 6.99
- 2.1mm plug. 6-ft. length. 270-032 ..... 6.99
- 2.5mm plug. 6-ft. length. 270-029 ..... 6.99



### Coiled power cord

Includes 4 plug adapters to fit almost any radar/laser detector. Use for hookup to 12-volt DC TV. 2-amp fuse. 270-1528 ..... 9.99



### 2-outlet adapter

This very convenient adapter runs two detectors or other 12-volt DC operated devices from one cigarette lighter socket. 270-1525 ..... 6.99



### Bracket

Our best adjustable radar or laser detector mounting bracket. Lets you position your radar detector for optimal performance, range. 270-038 ..... 14.99



### DC-Y adapter

Lets you power a radar detector and separate laser detector or any two 12-volt DC devices. 270-1535 ..... 5.99



### Adjustable bracket

Mounts radar or laser detector anywhere on car windshield using suction-cup design. Adjusts for precise positioning. 270-037 ..... 9.99



### Universal clip

Clamps a garage door opener or radar detector onto your sun visor for quick and easy access every time. Stainless steel. 270-033 ..... 3.99



### Suction-cup mount

For mounting radar or laser detector on any car windshield. Suction-cup grips securely to glassy surface. 270-034 ..... 7.99

Radar detectors not offered where prohibited by law/use may be regulated by state or local laws





## HELP is a Toll-Free Call Away

### RadioShack auto alarm technical support

- Get professional support to help you install your system properly
- End the confusion over color-coded wiring
- Our database covers most foreign and domestic cars and trucks. We can even fax you wiring diagrams for your model car.

Want to save money by installing your own alarm system? Our technical experts will answer your questions when you call our special toll-free number. Support is available when you buy one of our alarm systems on pages 254-255.



# Protect Your Vehicle Against Theft and Tampering

Over 1 million vehicles—cars, trucks, vans, motorcycles and trailers—are stolen every year in the U.S. Don't make it easy for professional thieves or joyriders to take your wheels. Deterrence is your best front line of defense when it comes to protection against the tragedy and expense of car theft. Arm your automobile with RadioShack alarms and accessories!

### Keyless entry and car security system

A dual-zone shock sensor, five input triggers and six output triggers cover your car to provide a loud six-tone siren in case of tampering. Keyless entry lets you remotely lock/unlock power doors. Starter disable helps prevent car operation when armed. Ignition detection protects auto from hot-wiring. Instant panic for emergencies. With two 4-button remotes for easy operation. Silent arming/disarming, passive or active arming. Six-function LED display, car locator, scan deterrent, code learning. May qualify for insurance discount—see your agent! Was \$129.99 in '97 catalog. (TSP)

49-840..... New Low Price! 99.99

## Features to look for in a car security system

**Arm.** Turn on or activate a security system.

**Code Learning.** The ability of a security system to memorize individual transmitter codes via radio-frequency transmission.

**Current Sensing.** Method of detecting electrical current drain from the car's battery, such as a dome light coming on.

**Dual-Stage Alarm.** Provides a warning chirp if your car is lightly bumped. A full siren blast occurs if the vehicle is hit harder or tampering continues.

**Fan Sensor.** A microprocessor that recognizes when the electric fan comes on, preventing the alarm from being triggered.

**Keyless Entry.** Power door locks are connected to the alarm system and synchronized to lock automatically when the alarm is armed and unlock when it is disarmed.

**LED (Light Emitting Diode).** Small red light in car interior indicates alarm's status. Flashes to warn observers the alarm is armed and to remind the owner.

**Panic.** Instant ability to sound the siren in an emergency, such as being followed when approaching your car in a parking lot.

**Passive Arming.** System arms automatically within a preset time after the ignition is turned off and/or doors are closed. May qualify for an insurance discount.

**Remote Transmitter.** Controls alarm functions from a distance by transmitting signals.

**Scan Deterrent.** Circuit designed to detect sequential codes transmitted by a thief's code scanner in attempt to disarm system.

**Special Situation Arming.** Ability to lower the sensitivity of alarm while parking at a construction site or in a violent storm.

**Starter Disable.** Also called starter kill. Starter motor is prevented from operating when alarm is armed. Usually accomplished by cutting off power to the starter. May qualify for an insurance discount.

Cat. No.	Arm. Disarm Chirp	Fan Sense	Voltage Current Sense	Car Locator	Shock Sensor	Remote Adj. Shock Sensor	Starter Disable	Battery Backup	LED with Bracket	Prog Passive Arming	Code Learning	Talking Alarm	Neg. Out for Optional Equip.	Keyless Entry	Auto Anti-Car Jacking	Keychain Remote Included	Prog. Valet	Special Situation Arming	Remote Prog	Parking Light Confirm	Door Lock w/ Ignition	Instant Panic	Price
49-805	✓	✓	✓	✓	✓	✓					✓					1			✓			✓	49.99
49-851							✓		✓		✓					1							49.99
49-810	✓	✓	✓	✓	Dual Stage	✓				✓	✓					1			✓			✓	59.99
49-820	✓	✓	✓	✓	Dual Stage	✓			✓	✓	✓					2		✓	✓			✓	59.99
49-830	✓	✓	✓	✓	Dual Stage	✓	✓	✓	✓	✓	✓	7 Talking Messages	1			2		✓	✓			✓	79.99
49-840	✓	✓	✓	✓	Dual Stage	✓	✓		✓	✓	✓		4	✓	✓	2	✓	✓	✓	✓	✓	✓	99.99



# Vehicle Theft— Don't Be a Victim, Be Prepared

A car that has been stolen or broken into can shatter your sense of security, and cost you a lot of money. Do something now to help prevent it before it happens. Get an affordable, effective car security system today.



## Talking auto alarm with 7 messages

Loud voice warns intruders, calls for help, communicates with you about system status and tells you if tampering has occurred. Seven built-in messages: "System armed," "System disarmed," "Please help me," "I was tampered with," "Please adjust sensor now," "Thank you" and "You are too close to the vehicle, please move away." Dual-stage shock sensor gives initial warning, then escalates if there is additional tampering. Voice instant-panic alarm for personal security: voice calls, "Please help me!" Two 4-button remote transmitters remotely arm in chirp or voice mode. Automatic passive arming. Starter disable helps keep starter motor from operating when system is armed. Fan sensor helps avoid false alarms. Current sensor with remote disable, LED indicator, code learning, scan deterrent, car locator. Built-in battery backup. (Add 9V battery for backup). May qualify for insurance discount. (TSP) Was \$99.99 in '97 catalog.

49-830 ..... **New Low Price! 79.99**



## Small, compact alarm fits virtually any vehicle



Great combination of "must have" features in a budget-priced system. Installs in just minutes. Comes with 4-button remote and state-of-the-art electronic microprocessor. Three-chirp confirmation when disarming tells you if vehicle was tampered with. Automatic fan sensor helps prevent false alarms. Current sensor with remote disable, remote-adjustable, dual-stage shock sensor. Remote instant panic button. Car locator, passive arming, code learning, scan deterrent, automatic alarm reset, electronic verification with proper hookup. May qualify for insurance discount—ask your agent. (TSP)

49-810 ..... **59.99**



## Small, one-piece alarm installs in minutes without tools

Fits virtually any vehicle for quick protection. Mounts directly to battery. Comes with 4-button remote transmitter and state-of-the-art electronic microprocessor. Three-chirp confirmation when disarming tells you if vehicle was violated. Built-in automatic fan sensor helps prevent false alarms. Remote-adjustable shock sensor.

Remote instant panic. Code learning, scan deterrent, automatic reset. 49-805 ..... **49.99**



## Security theft-deterrent system with LED indicator

Helps protect your vehicle from hot wiring. Compact 2-button keychain transmitter provides remote arming and disarming of starter disable system. LED display with bracket mounts easily within view of intruders to act as a visual deterrent against theft and tampering. Simple, discreet protection with no loud alarm siren.

May qualify for an insurance discount—check with your agent. (TSP) Was \$69.99 in '97 catalog. 49-851 ..... **New Low Price! 49.99**



## Safety Back-Up Alert® light/alarm

Even careful drivers can't avoid what they can't see. Back-Up Alert shines a bright halogen light and sounds a "beep-beep" alarm whenever your car is in reverse. Installation is as easy as changing a light bulb. #1156 style bulb, 272-1525 ..... **21.99**  
#3156 style bulb, 272-1526 ..... **21.99**



## Alarm system remote control replacement

Lost or broken the remote control for your car's security system? This low-cost replacement remote will work with our 49-731, 49-805, 49-810, 49-820, 49-830, 49-840 and 49-851 alarm systems. Includes two top covers to prevent accidental button pushes.

49-845 ..... **14.99**



**Window decals.** A clever way to deter theft without spending a lot of money. Place on car, home anywhere

49-500 ..... **Pkg. of 3/1.29**



**Short pin switches.** Triggers alarm when switched. For limited space. Solderless lug terminals for easy installing.

49-508 ..... **Pkg. of 2/2.99**



**Window switch.** Ideal for sliding truck windows or for use with garage or home doors and windows. Very effective

49-533 ..... **5.99**



## One-piece, self-contained alarm system

Installs in minutes! Comes with two 4-button remote transmitters and state-of-the-art electronic microprocessor. Remote adjustable, dual-stage shock sensor helps stop false alarms. Current sensor with remote disable. Chirp confirmation when disarming tells you if vehicle was tampered with. Fan sensor, LED with bracket, car locator, passive arming, code learning, scan deterrent, auto reset. May qualify for insurance discount. (TSP) Was 79.99 in '97 catalog

49-820 ..... **New Low Price! 59.99**



# What Does a Computer System From

With your first look at Aptiva computers, you know they are very different from other computers. Take a closer look, and you'll see that Aptiva's sleek black design is just the beginning of the differences. There are so many technological innovations, it's stunning!

## Sound by Bose® and arcade-level 3-D graphics combine for multimedia that's ahead of its time

When the computer company that sets Industry Standards teams up with a world-famous maker of upscale audio systems to create an advanced multimedia PC, you'd expect the results to be spectacular, and you'd be right! Bose developed the exciting TrueSpace® technology exclusively for Aptiva computers—it is not available in any home stereo system. With Aptiva's virtual AC3-Playback, it seems there are speakers all around you, when actually there are only the two stereo speakers built into the sides of the monitor. You are immersed right in the middle of the action; video game lasers sound like they're zooming right past your ears; music, voices, sound effects seem to come from all sides. And no additional speakers or clutter is required to experience this remarkable new sound system. Plus, the quality of sound is actually superior to many home stereo systems. The Aptiva S series PC incorporates Acoustimass®, a unique patented technology unmatched by any other stereo system. An Acoustimass bass module (similar to a subwoofer) replaces the physical speaker cone with an air mass that is acted on directly to produce truly awesome bass. When you're listening to music, it sounds like you're listening to a live performance.

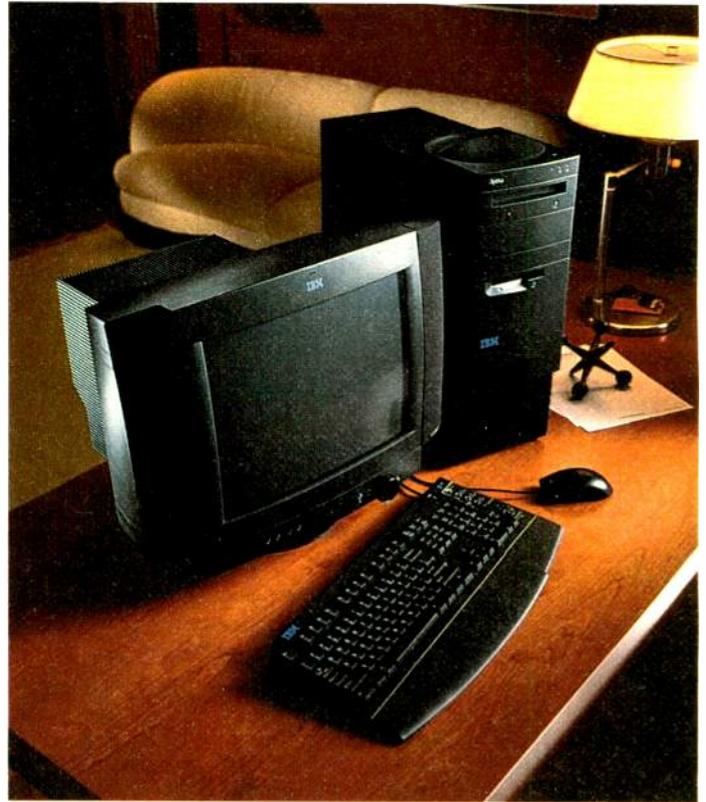
Aptiva computers incorporate the latest in Microsoft 3-D graphics standards to take advantage of the faster, more exciting new games. This exclusive next-generation circuitry provides video that is clearer, crisper and faster. The Aptiva S series model even boasts DVD-ROM with MPEG2 video so you can have much larger mass storage and many times faster data access. PC games and videos with the MPEG2 standard run with smooth, lifelike motion like you see on TV or at the movies.

## Exclusive Aptiva Photo Director™

Aptiva Photo Director from IBM and Kodak gives you all the software tools, information and services you need to express yourself in new ways through digital pictures—retouch photos, add special effects, remove red eye, create calendars and greeting cards, organize your photos on your Aptiva, share and store photos on-line, even learn how digital imaging works.

## Voice commands

One of the most noticeable additions over last year's models is many new voice-enabled functions. You can use voice commands to navigate the



**Aptiva L series computer and monitor** featuring Sound by Bose, IBM's Home Director Automation system (see page 258), voice commands, EZ Button keyboard, ScrollPoint™ mouse, cache memory, much more.



Web with Netscape 4.0; program and operate IBM's Home Director automation system, dictate letters with IBM's VoiceType™ Simply Speaking system (at left) and then save them as word-processing documents. You can even have your e-mail documents read to you over the phone! Experts tell us that in the future, most communications between people and computers will be by simple voice commands. While having a "heart-to-heart" talk with your PC is still a few years away, Aptiva gives you the chance to experiment with computer voice communication today.

## Memory Upgrades for IBM Aptiva and ThinkPad Computers

Model	Computer Cat. No.	Description	Cat. No.
Aptiva M & A series	25-440/441/443/444/445/450/451/452/453/454/455	16MB memory upgrade kit	RSU 11573755
		32MB memory upgrade kit	RSU 11573763
Aptiva 2136-E40	25-467	8MB memory upgrade kit	RSU 11929098
		16MB memory upgrade kit	RSU 11929106
		32MB memory upgrade kit	RSU 11929114
		64MB memory upgrade kit	RSU 11929122
Aptiva C8H and S9H	25-462/463	16MB memory upgrade kit	RSU 11896594
		32MB memory upgrade kit	RSU 11896602
Aptiva C66 and S7H	25-458/460	16MB memory upgrade kit	RSU 11722758
		32MB memory upgrade kit	RSU 11722774
ThinkPad 365XD, 385	25-318/319	8MB EDO DIMM module	RSU 11666526
ThinkPad 365XD, 385	25-318/319	16MB EDO DIMM module	RSU 11666534
		32MB EDO DIMM module	RSU 11666542
ThinkPad 385	25-319	64MB EDO DIMM module	RSU 11932589

## SIMM memory upgrades

Description	Cat. No.
1MB×32-60 72 pin (4MB upgrade)	RSU 10459709
2MB×32-60 72 pin (8MB upgrade)	RSU 11371697
4MB×32-60 72 pin (16MB upgrade)	RSU 11371713
1×32-60 72 pin EDO (4MB upgrade)	RSU 11614492
1×32-60 72 pin EDO (8MB upgrade)	RSU 11614534
1×32-60 72 pin EDO (16MB upgrade)	RSU 11614583

## The latest computer software, hardware and accessories are available for shipment direct to your door through RadioShack Unlimited

Stop by and check out our big in-store catalog. You'll find a vast array of products, including hot software releases, tape backup systems, printer supplies, and much more—all at competitive prices, and all available for shipment direct to your home or office.



# the 21st Century Look and Sound Like?



**Basic black? Hardly!** The Aptiva S series PC looks different because it is. Starting with the "Split Design" that keeps high-demand functions like CD ROM and floppy drive access at your fingertips while moving the PC tower over 6 ft. away—everything about the way this PC works makes more sense. Disk drives are housed in a space-saving console that can be folded down to provide a storage shelf for the keyboard. With the PC off and keyboard stored, you'll have a lot more work surface!

## Fully integrated multimedia system

Aptiva PCs' multimedia systems reside partly in the mini towers and partly in the new monitors. Together, they form a multimedia system that's completely matched and integrated. Screen resolution, refresh rates, sound card, video card, Plug-and-Play compatibility—all have been designed to match perfectly. Gone are the days when you had to buy a computer and monitor separately and take a chance that all the "specs" matched up.

## EZ Buttons™ keyboard & ScrollPoint™ mouse

Four EZ Buttons can be programmed to let you launch your favorite application with a single touch. They come preset to the Internet, Lotus Word-Pro, Lotus Organizer and Aptiva Installer. ScrollPoint mouse provides fast, easy fingertip scrolling through Web pages, long documents and spread-



EZ Buttons Keyboard can be programmed to let you launch your favorite application with the push of a button and easily control many other functions like audio and phone features.

ScrollPoint mouse provides fingertip scrolling through Web pages and long documents. Move horizontally, vertically, even diagonally.

sheets. This is one screen control you'll really appreciate the very first time you use it—never has cruising the Web been so easy.

## Computing power

Aptivas offer the very latest in multimedia computing power. Driving all this power are the hottest processors available—Pentium II. Aptivas also include USB ports, multi-gigabyte hard drives, state-of-the-art high-speed modems, cache memory and more than enough SDRAM memory to run your most demanding, resource-intensive programs.



## High-resolution monitors

Available in different screen sizes, IBM's new monitors feature .28mm dot pitch and deliver stunning graphics in super-sharp detail. On-screen controls, built-in microphone and speakers, digital controls for precision tuning, self-diagnostics and 1080x1024 resolution. All models meet VLMF, MPRII and EPA Energy Star standards and are designed specifically for Aptivas.

## Why buy IBM Aptiva PCs & monitors from RadioShack?

- ✓ Our knowledgeable staff will take the time to answer your questions about IBM Aptiva systems.
- ✓ We have the accessories and the know-how to help you customize the computer system to meet your needs.
- ✓ We're the largest retailer of IBM Aptiva computers in America; come in and see why so many people count on us.



## You can use these handy monitor accessories on most PC brands



### New Copy holder clip

Holds a printed page at comfortable eye level for reading. Mounts on either side of your monitor for convenience, swivels out of the way when not needed.

26-404 ..... 4.99



### New 17" monitor cover

Protects larger computer monitors from dust. Fits most monitors up to 17" diagonal screen size, even with anti-glare screen filters in place.

26-402 ..... 12.99



### 15" monitor cover

Protects your computer monitor from damaging dust. Fits most monitors up to 15" diagonal screen size, even with screen filters in place.

26-342 ..... 9.99



### New 10-foot shielded VGA extension cable

Extra-long for custom installations. DB15 male to DB15 female. Shielded, grounded to cut interference. 26-401 ..... 14.99



## Homes of the Future Will Be "Smart," Surrounding Your Family in Comfort and Security. Why Wait?

### Get an Aptiva That Includes IBM's Voice-Controlled Home-Director!



As technology advances, our homes will become increasingly efficient and ergonomic. The home environment will surely evolve in ways we can only imagine. But with Home Director, you can experience some of those advances today. A combination of software and simple hardware lets you easily automate your home without expensive rewiring. Home Director will take your spoken commands to set up and run light and appliance routines that can simplify your schedule, save you time and improve home security by giving your home a "lived-in" look while you're away.

#### Have you had a talk with your computer lately?

Home Director accepts simple voice commands when you use it and when you program it. And you can use everyday language, so commands are easier to remember. For instance, you could tell your computer, "Put the coffeepot on" and immediately it would switch on your coffee maker. Or you could tell it, "Turn on some music" and Home Director would turn on your stereo system. Program the instruction, "Turn outside lights on at dusk,"\* and every evening Home Director would automatically switch on your home's outside lights.

#### Lifestyle Enhancement feature learns your daily routines and memorizes them

Arrive home from work at night with your outside lights shining warmly, your stereo playing your favorite station, and your home at just the right temperature. Home Director can learn your daily routine and control lights and appliances throughout your home for you. When you're away, Home Director gives your home a "lived in" look by turning lights on and off in the same patterns you use when you're home—much more convincing to would-be thieves than if you were to use ordinary timers to control lights.

#### Compatible with motion detectors, alarms and other security devices

You can add dependable security equipment to help protect you and your home, whether you're there or not. With a "smart" Home Director in control, you can feel safer and more secure.



Control devices anywhere in your home from the Aptiva PC with Home Director

#### Here's how Home Director works:

Home Director provides the "brains" of your home automation system. Remote modules and sensors plug into AC outlets to carry out the commands. There are no wires to run and no installation charges. Installation couldn't be easier. Just follow the simple automated instructions to program the Aptiva computer; then plug a module into the AC outlet wherever you want to control a light, appliance or security device. Home Director comes with one lamp module and one appliance module—expand with RadioShack Plug 'n Power modules, controllers, sensors and home security add-ons any time.

#### Control your home automation system from any tone phone anywhere in the world

Dial in to your Aptiva to communicate with Home Director. For example, let's say you're driving across town and you think that maybe you forgot to turn off your coffee maker. You could phone home, connect with Home Director, and make sure by having Home Director send the "off" command to the module controlling the coffee maker.

#### Works even when Aptiva is off

Thanks to Rapid Start™, Home Director provides control 24 hours a day, whether the Aptiva is on or off. Saves energy—you don't have to run your computer day and night to get full-time automation of your home.

#### Expand your home automation system with Plug 'n Power® modules and controllers

RadioShack stocks many types of modules to expand Home Director's control. There are heavy and light-duty appliance modules, modules for turning lights on and off, even for dimming them. Plus, the same modules that work with Home Director also respond to local controllers; so you can add whole-house controllers by your bedside and favorite chair.

**See Home Director in Action!** Stop by your neighborhood RadioShack store or dealer for a demonstration of this remarkable technology of the future today!

#### COMPUTER ACCESSORIES

See Index for these listings:

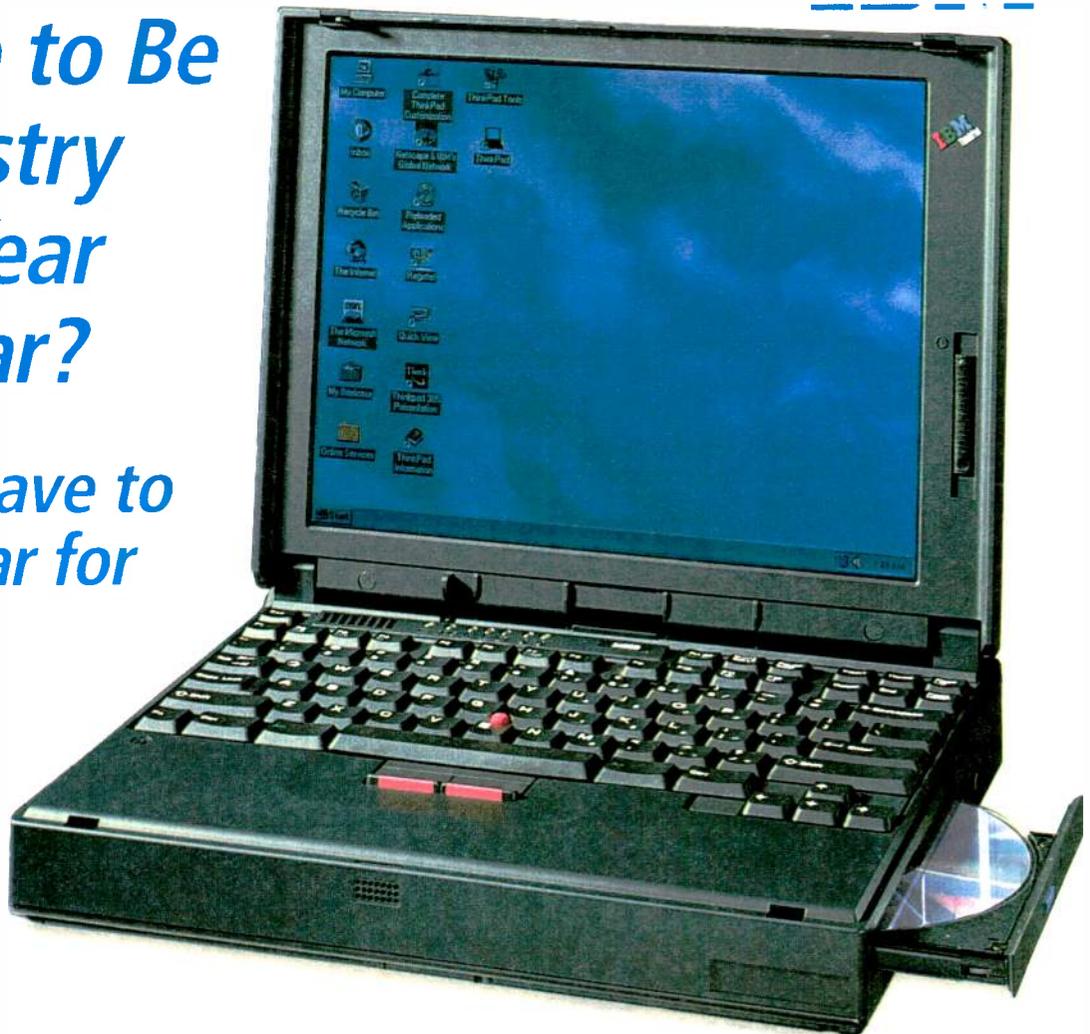
Data Storage • Diskettes • Joysticks • Keyboards • Printers,  
Software • Surge Protectors



# Why Does ThinkPad Continue to Be the Industry Leader Year After Year?



You don't have to  
look very far for  
the answer.



**Over the years IBM ThinkPads have been winning awards from professional groups and leading industry publications like PC Magazine, PC World, BYTE and Computerworld—more than 300 awards in all.**

There are many reasons for ThinkPad's steadfast popularity. One of the most important is IBM's commitment to protecting a ThinkPad owner's investment. ThinkPad computers are exceptionally upgradeable, and IBM provides outstanding service and support. IBM's top-rated HelpWare customer service and EasyServ courier repair service are just a phone call away. And IBM's International Warranty Service is available almost anywhere ThinkPad owners are likely to roam. There is also an enormous pool of third-party suppliers who help extend and improve the functionality of every model of ThinkPad. With such a large body of support, you know that your computer will not be a casualty of the next wave of technological advances.

ThinkPad's cable-free high-speed infrared interface provides effortless printing and file transfer functions—mobile computing couldn't be easier.

ThinkPads come in a full range of models from very affordable versions to fully-loaded notebooks with features that rival top-of-the-line desktops. There is a large selection of accessories for each model. Whatever your mobile computing needs are, you're sure to find a ThinkPad with the features you want. Come into RadioShack and let us help you find it.

## Need something special?

**RadioShack Unlimited brings a superstore to your front door!**

Now you can browse a huge selection of computer hardware and software products and order any item for fast shipment direct to your home or office, anywhere in the U.S.A. Come in and discover what RadioShack Unlimited has in store for you!



**RadioShack  
Unlimited**



# Plug Into Your PC's Sound Potential

Although many sound cards come with on-board amplifiers that provide minimal power, amplified speakers deliver fuller, richer sound, so you get the most from your multimedia experience.



**PRO SWS-250.** Nothing adds excitement to your multimedia computer like a subwoofer! This matched system features a pair of shielded 3" air-suspension satellite speakers, powered by the amplified subwoofer, that deliver the high, midrange and upper-bass frequencies, while the 5" bass-reflex subwoofer provides the high-impact bass that carries you right into the action. AC-powered subwoofer is magnetically shielded to avoid interfering with monitors or storage devices. Volume and balance controls. System power output: 25 watts. Subwoofer 14 1/8" high, satellites 6 1/8" high. UL listed AC. Was \$199.99 in '97 cat. (TSP) **40-4075** .....

**25-watt amplified subwoofer and satellite system makes your games, presentations and video come alive**

**New Low Price! System 149.99**

## Voice Interface—the next step?

With the emergence of PC voice recognition, the next computer breakthrough will be communicating with your computer through speech. Already some PCs allow you to navigate Windows and open files by spoken command. Advances in Artificial Intelligence and Pattern Recognition will soon make it possible for you to "chat" with your PC.

## New Stereo headphones with vibration effect

**Nova 58.** You'll really feel the action of video games and multimedia! Compact, powerful actuator enhances bass sound of audio, video and TV games. Closed earcup design. Vibration on/off control. Gold-plated 1/8" stereo plug. Requires "AA" battery. (TSP) **33-1057** .....



Available Nov. 1, 1997

**49.99**

## Stereo headphone and microphone

**Nova-70.** Hands-free communications—perfect for use with computers. Lightweight, with adjustable headband and soft foam earcushions for comfort. Microphone placed for optimized pickup. No battery needed for microphone. Headphone response 20-20,000Hz. 8-ft. cord, 1/8" plugs. (TSP) **33-1098** .....



**39.99**

## Tabletop computer microphone

Especially designed for use with computers. Provides speech-recognition systems with a consistent spectral shape of voice input. Unidirectional electret microphone with 4-position adjustable desktop stand. 6 1/2-ft. cord, male mini-plug. Requires 2 "AAA" batteries. **33-3025** .....

**19.99**

**20-foot stereo speaker extension cord.** Put your speakers where you want them. **42-2462** .....

**6.49**

## Our best amplified speakers

**AMX 17.** Bring depth and exciting realism to video games, voice prompts and multimedia programs. Surround effect puts you right in the middle of the action. Each speaker features a full-range 4" woofer and 1 1/4" tweeter in a magnetically shielded enclosure so you can place speakers near your monitor. Speakers can be widely spaced for improved stereo effect. Earphone jack lets you add headphones for private listening. Rotary bass and treble controls. Delivers 15 watts per channel. Includes three different patch cords. 9 1/4" high. UL listed AC adapter. (TSP) **40-1402** .....

**Pair 99.99**



## Amplified 2-way speakers with surround sound effect

**AMX 12.** Use surround-sound effect to add depth and realism. Extended Bass provides rich sound. 4" woofer, 2" tweeter. Fully shielded so the magnetic field will not interfere with system. 7 3/16" high. Requires 8 "C" batteries, AC adapter #273-1652, or DC cord #270-1528. (TSP) **40-1361** .....

**Pair 59.99**



## Portable amplified speakers with Extended Bass

**AMX 10.** 3 1/2" full-range, shielded speakers give you great sound on video games and multimedia programs. Switch in Extended Bass for an extra low-frequency punch. Volume, bass and treble boost controls. Requires 8 "C" batteries or AC adapter #273-1653. **40-1403** .....

**Pair 39.99**



## New Amplified PC speakers with Extended Bass

**AMX 18.** Extended Bass and 3" full-range driver combine to deliver good sound on video games and multimedia programs. Brackets for mounting on monitor. Shielded, so the magnetic field will not interfere with your monitor or hard disk. 5 1/16" high. Requires 4 "AA" batteries or AC adapter: #273-1656. **40-1404** .....

**Pair 29.99**



## Choose the multimedia speakers with the features you want

Cat. No.	Description	Height	Output Power Per Channel	Frequency Range (Hz)	Volume Control	Bass/treble Controls	Bass Boost	Other Features	Price
40-1404	3" full-range	5 1/8"	0.75W	160-12,000	✓		✓		<b>29.99</b>
40-1403	3 1/2" full-range	7 1/4"	2W	150-20,000	✓	✓	✓		<b>39.99</b>
40-1361	4" 2-way	7 3/16"	3.5W	40-30,000	✓		✓	Surround effect	<b>59.99</b>
40-1402	4" 2-way	9 1/4"	15W	60-18,000	✓	✓		Surround effect	<b>99.99</b>
40-4075	5" sub & 2 3" satellite speakers	14 1/8" 6 1/8"	15W 5W each (25W total)	50-350 300-20,000	✓		✓	Microphone input	<b>149.99</b>

**1-800-THE-SHACK**

Copies of applicable warranties are available upon request at stores for inspection before sale or by writing Customer Relations, 100 Throckmorton, Suite 600, Fort Worth, TX 76102



## Hey, What is All This Stuff?!!

**Browser • CD ROM • Digital Still Camera  
DVD ROM • Modem • MPEG-2 • Scanner  
Sound Card • USB • Video Conferencing**

## It's Sheer Excitement, That's What!

Sizzling news is hiding behind all those strange names and alphabet soup above. When you put all those fancy technical words together, what they add up to can be boiled down to a short, simple sentence: "In the last year, computers have become a whole lot more fun and easier to use."

For our customers who want to keep up with the latest computer advances and to understand the language of progress, we've translated the above technobabble into standard American English.

**Browser**—A computer program that gives you access to the Internet's World Wide Web. It lets you travel around the Internet by clicking on icons appearing on Web pages. This year's crop of browsers include such great new features as voice control and embedding "hot spots" in e-mail messages—the person who gets your message can click on the colored address and transfer right to the Web site in the address.

**CD ROM**—Compact Disk ROM is a data storage device for computers. The Aptiva computers we sell have one of the fastest CD-ROMs available! For years, CD-ROM has been the standard device for PC mass storage; lately, it is being challenged by other methods of data storage. See DVD ROM below.

**Digital Still Camera**—Take a picture of your children and send it over the Internet to Grandma. There's no expensive film and photo processing. And there's no waiting for the film to come back from the processor to see if all the pictures came out—you snap the picture and have the results immediately. As the prices of digital cameras come down, more and more people are entering the video world of cyberspace. Quality of the digital cameras' images is improving all the time.

**DVD ROM**—Digital videodisc is a mass storage disc that can store up to 4.7 gigabytes of data—that's 12 times the storage of a CD-ROM or over 3,000 times what a floppy disk can store—and the DVD ROM provides much faster access. In fact, the DVD is so fast, it can display full-motion MPEG-2 quality video on a PC's monitor. You see video with the smooth, lifelike motion you see in movie theaters.

**Modem**—An electronic device that lets your computer send and receive data over telephone lines. Modems are primarily rated by the highest speed they can transmit data, and ratings are described in bits per second (bps). The higher the rating the better. Some modems can also transmit voice at the same time they are sending and receiving digital data. Imagine playing a computer video game with your friend across town while you talk to each other on the phone!

**MPEG-2**—A video standard for full-motion video. With MPEG-2, video motion is smooth and lifelike, just like watching a movie or TV.

**Scanner**—A machine that copies images such as drawings, color photos, text documents and turns them into electronic files that can be stored by a computer. The images can be displayed on a PC's monitor, transmitted to other computers over phone lines or printed out with a PC's printer. Scanners have become so inexpensive and so easy to use, they could soon become as popular as computer printers.

**Sound Card**—In order to experience the full, rich power of a multimedia system, you need a sound card to play your computer's digital stereo files. Most sound cards have MIDI and CD-ROM interfaces. Plug and Play makes a sound card very easy to install.

**USB**—Universal Serial Bus has made life a whole lot simpler for computer users. You can "daisy-chain" your accessories in a single link that hooks your display to your keyboard, which connects to your mouse, which links to your printer. If you have a dozen peripherals, you wind up with just one long link instead of a dozen connectors and a confusing tangle of wires. USB also accommodates "Plug-and-Play" architecture, which means that adding new peripherals becomes as easy as plugging in a lamp.

**Video Conferencing**—Take an instant family snapshot or make a video and e-mail it to a friend over the Internet or display it on your computer. Video conferencing (sometimes called teleconferencing or DVC) uses a video camera and microphone to capture moving pictures and sound for storage in computer files.



Check out all these exciting products and more in our big RadioShack Unlimited catalog. Look for the display in the RadioShack near you!

# RadioShack Unlimited®



# Lexmark ink-jets for outstanding prints

Imagine having the creative power of a design studio, right on your desktop. Well, with the Workshop CD-ROM included with these printers, you'll have that power. Choose the 2030 Color Jetprinter™ with a dual print cartridge, or the state-of-the-art 7000 for unsurpassed high resolution and speed.

## New Lexmark 7000 Color Jetprinter

Using breakthrough technology, the Lexmark 7000 delivers unsurpassed speed, print quality and value (see story at right). Includes Lexmark Workshop CD ROM for designing greeting cards, certificates and even printing images from the Internet!

- Up to 1200x1200dpi resolution in black and color.
- Rich, deep photo quality.
- Fast—up to 3 pages per min. (color), 8 pages per minute (black).
- High-intensity color on plain paper.
- Waterproof, crisp black printing.

Black. 26-2985 ..... 349.99

Putty. 26-2986 ..... 349.99

### Replacement cartridges

Black. 26-2988 ..... 34.99

Color. 26-2989 ..... 39.99



# LEXMARK™

## Why buy the Lexmark 7000 Color Jetprinter?

**Breakthrough technology** allows the Lexmark 7000 to deliver a resolution of 1200x1200 dpi. That's 1.44 million dots per square inch—the maximum resolution ever offered from a desktop ink-jet printer. How? Lexmark has completely rethought the ink-jet printing process. Using laser technology, the printhead is now crafted with an amazing 400 print nozzles! This advanced design produces color images that show finer detail and smoother blends so photos look true to life. You can expect unsurpassed quality in both color and black print.

**Printing elements** are traditionally a permanent part of a printer—not so with the Lexmark 7000. Print elements are incorporated into the print cartridge. Every time you change the ink, you get a new, factory-fresh printhead! And, the printheads for the Lexmark 7000 are twice the width of previous generations. That means they print two lines at once, delivering incredible speed without sacrificing print quality.

**New color inks** are concentrated—they use less water for more intense, sharper colors on plain paper. For its black ink, Lexmark uses solid particles rather than liquid dyes to create crisp text and graphics, even on low-grade paper. Plus, the black ink is waterproof—your letters and other correspondence will always look great, even if exposed to the weather!

## New Lexmark 2030 Color Jetprinter

Produces dynamic color images and crisp black text at up to 600x300dpi. Dual cartridge design—print vivid color and true black on the same page without swapping cartridges! Also includes Lexmark Workshop CD-ROM—great for designing your own greeting cards, certificates and labels. Plus, you can manipulate and print images from photo CDs or the Internet.

- Up to 600x300dpi resolution.
- Vivid color, waterproof black printing.
- Includes Lexmark Workshop CD-ROM.

26-2984 ..... 199.99



## Ink-jet printer accessories

### For JP 500

Black ink refill cartridge. RSU 11448974 ..... 35.99

Rechargeable battery pack. RSU 10456184 ..... 69.99

Coiled DC power cord. Plugs into vehicle lighter socket. RSU 10101947 ..... 9.99

### For Lexmark 150c, 2050 & 2030 Color Jetprinter



**New** Black print cartridge. Waterproof ink. 26-2987 ..... 34.99

Color print cartridge. 26-2981 ..... 39.99



### For JP 1000, JP 1100 & Citizen Project II

**Black ink refills.** Package of two. Also fits Olivetti JP350/450, Digital DECwriter 120/520ic and FI microMarc. 26-2961 ..... 10.99

**Replacement printhead and ink cartridge.** NOTE: printhead for the JP 1000 must be replaced after four or five ink refills are used. RSU 10456192 ..... 39.99

**Color kit.** Includes color drivers, color cartridge and storage box. RSU 11896040 ..... 69.99

**Refill color cartridge.** For JP1000 and 1100. RSU 11895489 ..... 49.99



### Ink-jet printhead care kit

Cleans printhead and contacts. Includes micro-fiber brushpad, cleaning solution pen and cotton swabs.

26-391 ..... 9.99

### New Lexmark greeting card paper pack

Make your own announcements and invitations. High-quality card stock for use with most ink jet printers. Includes 20 8 1/2" x 11" sheets and 20 envelopes. **26-405** ..... **9.99**

### New Lexmark photo-quality ink jet paper

Captures bright colors and detailed images for photo-quality results. Ideal for digital photography, scanned images and illustrations. 8 1/2" x 11". 20 sheets. **26-406** ..... **19.99**

### Laser/ink jet printer labels

Bright white finish. Will not smudge or smear. Labels adhere permanently. Size: 2 1/8" x 1". Set of 750 (25 sheets of of 30 labels each). **26-397** ..... **7.99**

### T-shirt iron-on transfer sheets

Easy and fun! Create a design with your computer, print it on a transfer sheet, and iron on shirts, hats, your backpack—anywhere! Package of 5 sheets. **26-396** ..... **9.99**

### 8 1/2" x 11" paper for dot matrix, ink jet printers

Specially designed, bright-white (80+) paper. 20 lb. weight. 200 sheets. **26-371** ..... **5.99**

### Letter-size white computer paper

9 1/2" x 11". 20 lb. weight. Pack of 1000 sheets. **26-134** ..... **15.99**

### Fanfold labels

Get organized! Print labels quickly and easily. Just peel and stick. Pack of 1000. **26-1328** ..... **6.99**

#### Stock up now on quality paper

Type	Size	Rolls Per Pkg.	Cat. No.	Price
Thermal Paper	4 1/8" x 80'	2	26-1332	<b>5.49</b>
Electrostatic Paper	8 1/2" x 75'	3	RSU 10274199	<b>10.99</b>
Electrostatic Paper	2 3/8" x 75'	2	RSU 10274785	<b>11.99</b>
Thermal Paper	4 1/2" x 150'	3	RSU 10274827	<b>6.49</b>
Thermal Paper	2 1/4" x 7'	5	RSU 11881471	<b>2.99</b>
Thermal Paper	1 3/4" x 18'	6	RSU 10274504	<b>2.29</b>

#### Accessories and supplies for Tandy® laser printers

Laser Printer	Part/Supply	Cat. No.	Each
Tandy LP 1000	LP 1000 Toner	RSU 10456424	<b>27.99</b>
	LP Kit A (Contains drum, cleaning unit, shield plate and shield plate cleaner)	RSU 10274884	<b>199.99</b>
	LP Kit B (Contains cleaning unit, shield plate and shield plate cleaner)	RSU 10274892	<b>99.99</b>
Tandy LP 950/990	Sheet Feeder (Requires 26-2860 and 26-2863)	RSU 10027175	<b>229.99</b>
	Envelope Feeder	RSU 10027183	<b>259.99</b>
	Legal Paper Cassette	RSU 10027167	<b>59.99</b>
	1.5MB Memory Upgrade	RSU 10542611	<b>442.99</b>
	Toner Cartridge	RSU 10458180	<b>64.99</b>
	Developer Cartridge	RSU 10274959	<b>149.99</b>
	Drum Cartridge	RSU 10274942	<b>179.99</b>
	Font Cards: "F"	RSU 10027118	<b>179.99</b>
	"L"	RSU 10027134	<b>179.99</b>
	"M"	RSU 10027126	<b>179.99</b>
Tandy LP 800	Toner Cartridge	RSU 10456176	<b>23.99</b>
	Drum Kit	RSU 10542652	<b>129.99</b>
	Developer	RSU 10275006	<b>159.99</b>
	2MB Memory Upgrade	RSU 10542645	<b>259.99</b>
	2nd Bin Sheet Feeder Letter/Legal Size	RSU 10274991	<b>159.99</b>
	Tandy LP 400/410	Developer	RSU 10277069
Tandy LP 400/410/800	2nd Bin Sheet Feeder Letter Size Only	RSU 10277051	<b>189.99</b>
Tandy LP 400/410/800	1MB Memory	RSU 10542637	<b>199.99</b>

#### Replacement ribbons for Tandy and other printers

Printer	Ribbon	Cat. No.	Each
LP I, II, IV	Fabric Pack (3/PK)	RSU 10274793	<b>19.99</b>
LP III, V	Fabric Cartridge	RSU 10274801	<b>9.99</b>
LP VI/VIII, DMP 400/420	Fabric Cartridge	RSU 10456721	<b>9.99</b>
LP VII, DMP 100	Re-inking Fabric	RSU 10274819	<b>13.99</b>
PC1	Ribbon	RSU 10274512	<b>3.99</b>
DMP 110	Re-inking Fabric	RSU 10457851	<b>8.99</b>
DMP 107/130/130A/132 133/134/135	Black Ribbon	26-1236	<b>10.99</b>
DMP 107/130/130A/132 133/134/135	Refill (3/PK)	RSU 10456416	<b>14.99</b>
DMP 107/130/130A/132 133/134/135	Color Ribbon Pack	RSU 10456549	<b>19.99</b>
DMP 500	Fabric Cartridge	RSU 10458172	<b>13.99</b>
DMP 120, 200	Fabric Cartridge	RSU 10274876	<b>11.99</b>
DMP 105, 106	Black Fabric Cartridge	RSU 11881463	<b>9.99</b>
DMP 136, 240, 250, 207	Black Fabric	26-2824	<b>10.99</b>
DMP 136, 240, 250, 207	4 Color	RSU 11846789	<b>29.99</b>
DMP 202/203/204/ 205/206/137	Black Fabric	26-2871	<b>14.99</b>
DMP 137/204/205	4 Color	RSU 11638426	<b>29.99</b>
DMP 310	Black Fabric	RSU 10456432	<b>14.99</b>
DMP 430	Black Fabric Cartridge	RSU 11638400	<b>14.99</b>
DMP 440	Fabric Cartridge	RSU 10457877	<b>34.99</b>
DMP 2100, 2100P, 2110	Fabric Cartridge	RSU 10457869	<b>9.99</b>
DMP 2120	Black Ribbon	RSU 10274926	<b>39.99</b>
DMP 2120	Black Refill	RSU 10274934	<b>18.99</b>
DMP 2130	Black Fabric	RSU 10457885	<b>34.99</b>
LMP 2150	Black Cartridge	RSU 10274769	<b>17.99</b>
DMP 2104	Black Fabric	RSU 10457091	<b>16.99</b>
DWII, DWP 410, 510	Multi-Strike (3/PK)	RSU 10451896	<b>19.99</b>
DWII, DWP 410, 510	Nylon Cartridge	RSU 10274835	<b>7.99</b>
DWP 210, 230, 520	Multi-Strike (3/PK)	RSU 11638418	<b>19.99</b>
DWP 210, 230, 520	Fabric Cartridge	RSU 10274843	<b>7.99</b>
DWP 220	Multi-Strike (3/PK)	RSU 10458164	<b>24.99</b>
DMP 300/302/442/ 2102/2103	Black Ribbon	26-2819	<b>7.99</b>
DMP 202/203/206	Color Ribbon Pack	RSU 10457893	<b>19.99</b>
DMP 2200	Black Ribbon	RSU 10274900	<b>22.99</b>
DMP 440	Refill	RSU 10274918	<b>19.99</b>
PC-2 Plotter/CGP 115	Black (3/PK)	RSU 10274850	<b>2.99</b>
PC-2 Plotter/CGP 115	Color	RSU 10274868	<b>2.99</b>
WP-100/101	Black Single-Strike	26-3952	<b>9.99</b>
WP-100/101	Lift-Off Correction	RSU 10451250	<b>3.99</b>
WP-100	Black Multi-Strike	RSU 10275022	<b>11.99</b>
WP-100	Cover-Up Correction	RSU 10275030	<b>6.99</b>
Star® NX1000 & others	Black	RSU 11510633	<b>7.99</b>
Apple® Imagewriter	Black	RSU 11638434	<b>7.49</b>
Apple® Imagewriter	4 Color	RSU 11638442	<b>11.99</b>
Epson® LQ 800	Black	RSU 11451531	<b>7.99</b>
IBM® Proprinter	Black	RSU 11638459	<b>7.99</b>
Panasonic® 1090, 1124	Black	26-2913	<b>7.99</b>
Epson LQ 1000	Black	RSU 11638467	<b>8.99</b>
Epson LQ 100	Black	RSU 11638475	<b>11.99</b>





**Crimp D-sub connectors**

Gold-plated contacts for high reliability.

Fig.	Description	Cat. No.	Price
1	9-position male	276-1427	.99
—	9-position female	276-1428	1.49
2	25-position male	276-1429	1.99
—	25-position female	276-1430	2.49



**Solder D-sub connectors**

Gold-plated pins and terminals.

Fig.	Description	Cat. No.	Price
—	9-position male	276-1537	.99
3	9-position female	276-1538	1.29
—	25-position male	276-1547	1.49
4	25-position female	276-1548	1.99

**D-sub hoods for 9-pin and 25-pin D-sub connectors**

Professional D-sub casings with strain reliefs. Fit snugly over D-sub connectors to protect crimp and solder contacts from dirt, dust and damage for higher reliability and stable mounting. Can be used for plug or receptacle connectors. Includes hardware.

Fig.	Description	Cat. No.	Price
5	9-position male	276-1508	2.19
—	25-position metal	276-1510	2.79
6	25-pos. gender changer	276-1520	1.79
7	9-position nonshielded	276-1539	.99
—	25-position nonshielded	276-1549	1.19
8	9-position metalized	276-1513	1.49
—	25-position metalized	276-1536	1.99

- (9) RS-232 male D-sub 25 to RJ-11 modular phone jack. Connects up to six RS-232 lines of your choice. 276-1405 ..... 2.99
- RS-232 female D-sub 25 to RJ-45 8-position modular jack. 276-1406 ..... 4.49

**D-sub and IDC tools**

- (10) D-sub pin crimper. Professional steel tool accepts #20, #24 and #28 connector pins. 6 7/8" long. 276-1595 ..... 9.99
- (11) D-sub pin insertion/extraction tool. For crimp type contact pins. 276-1426 ..... 2.99

**Multiconductor cable and disk drive adapters**

- (12) 4-conductor, double-shielded. 100% foil shield with a 75% braided overwrap that fights interference. Ideal for applications where hum and electrical noise pickup may be a problem. 30 feet. 278-777 ..... 8.99
- (13) 25-conductor ribbon cable. Nonshielded. 5 feet. 278-772 ..... 3.99
- (14) **New** 40-conductor ribbon cable. Connects one or two IDE drives. 2 feet. 278-780 ..... 6.99
- (15) **New** Disk drive Y-adapter. 4-pin to dual 4-pin mini. 278-761 ..... 3.99
- (16) **New** Disk drive Y-adapter. 4-pin to 4-pin and 4-pin mini. 278-762 ..... 3.99
- (17) 5 1/4" -to- 3 1/2" disk drive adapter. 278-765 ..... 2.99
- Disk-drive extension cable. 10" long. 278-767 ..... 2.99
- Power "Y". For powering two disk drives. 278-766 ..... 3.99
- (18) Ribbon cable crimp tool. Makes it easy to attach IDC connectors to flat ribbon cables. RSU 10274538 ..... 12.99



**15-position solder D-sub**

High-density type with 15 positions in the same size as a standard 9-pin D-sub connector. Great for replacement on Super-VGA monitor cords or building your own extension cords for Super-VGA monitors.



- (19) Male. 276-1501 ..... 1.29
- (20) Female. 276-1502 ..... 1.79



**(21) Crimp D-sub connectors and strain reliefs**

For ribbon cable. Improved metal strain relief hooks directly to metal shell.

Description	Cat. No.	Each	Use Strain Relief	Each
9-position male	RSU 11350683	4.99	RSU 11350212	.29
9-position female	RSU 11350006	5.19		
15-position male	RSU 11350691	5.69	RSU 11350220	.29
15-position female	RSU 11350014	5.89		
25-position male	RSU 11350709	6.49	RSU 11350238	.29
25-position female	RSU 11350022	6.59		
37-position male	RSU 11350717	8.39	RSU 11350246	.39
37-position female	RSU 11350030	8.49		
50-position male	RSU 11350725	18.19	RSU 11350253	.69
50-position female	RSU 11350048	18.19		

**(22) Crimp D-ribbon connectors and strain reliefs**

For use with ribbon, round or jacketed cable. Low-profile design.

Description	Cat. No.	Each	Use Strain Relief	Each
24-position male	RSU 11349560	5.19	RSU 11350279	.39
24-position female	RSU 11349685	5.19		
36-position male	RSU 11349537	6.39	RSU 11350287	.39
36-position female	RSU 11349651	6.39		
50-position male	RSU 11349594	7.69	RSU 11350295	.49
50-position female	RSU 11349719	7.69		



**DIP programming shunts.** Plug-in shorting jumpers used to set parameters on circuit boards for computers, disk drives, etc. Fit 0.025" header pins on 0.100" centers. 276-1512 ..... Pkg. of 10/1.29



**New Silicon rubber shunt.** Connectors used to form an alternative path for current. Works with a wide range of electronic equipment. 2.54mm pitch. RSU 11929825 ..... Pkg. of 10/1.49

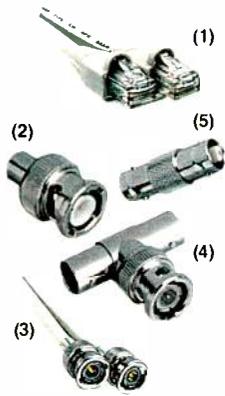


**Right-angle D-sub connectors**

Gold-plated nickel contacts assure maximum reliability. These connectors can be directly installed over PC board's trace pattern with no shorting. Tin-plated steel shell provides effective EMI/RFI shielding.

Fig.	Description	Cat. No.	Each
—	9-position male	RSU 11354370	1.19
—	9-position female	RSU 11354362	1.19
—	15-position male	RSU 11354388	1.39
—	15-position female	RSU 11354396	1.39
—	25-position male	RSU 11354404	1.79
23	25-position female	RSU 11354412	1.79
24	15-position high-density female	RSU 11354354	2.69





## Cable & connectors for networks

Fig.	Description	Cat. No.	Each
1	NEW! 4-ft. category 5 patch cable	278-790	6.99
-	12-ft. category 5 patch cable	278-792	9.99
2	50-ohm BNC terminator	278-270	2.19
3	6-ft. thin Ethernet cable w/BNCs	RSU 11616489	6.99
4	BNC T-adaptor (M-F-F style)	278-112	3.99
-	Pkg. of 10 male BNCs (crimp type)	RSU 11616315	18.99
5	BNC coupler (joins 2 male BNC connectors)	278-115	1.99
-	RJ-45 (8-pin modular) connector	RSU 11616356	3.99



## Computer-to-modular adapters for local-area networks

Create your own "information superhighway" over short distances. Link your computer to other systems and area networks with ordinary telephone wiring instead of the more costly shielded cable.

(6) RS-232 male D-sub 25 to RJ-11 modular phone jack. Connects up to six RS-232 lines of choice. 276-1405 ..... 2.99  
 RS-232 female D-sub 25 to RJ-45 8-position modular jack. 276-1406 ..... 4.49

### Keyboard adapters

(7) Connects PS/2-style 6-pin male keyboard plug to AT 5-pin CPU jack. RSU 10276970 ..... 4.99  
 (8) Connects AT-style 5-pin male keyboard plug to PS/2 6-pin jack on CPU. RSU 10027068 ..... 4.99



## 6-foot extension cord for keyboard or mouse

Shielded. 6-pin mini DIN connectors—male at one end, female at other. 26-149, 9.99



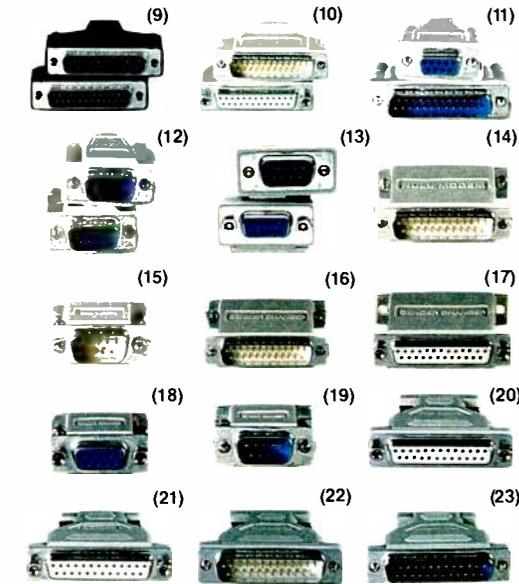
## New 10-foot VGA extension cable

Male DB15 connector to female DB15 connector. Shielded and grounded to prevent interference. 26-401 ..... 14.99



## Joystick port Y-adaptor

Use two joysticks in a single port. Compete with friends on 2-player games. 15-pin connector. 26-380 ... 4.99



## Serial RS-232C cables and adapters—get connected with quality!

Fig	Description	Connectors	Cat. No.	Each
9	6-ft. round shielded	DB25/DB25 male	26-249	9.99
9	10-ft. round shielded	DB25 male/DB25 male	RSU 10524106	31.99
9	25-ft. round shielded	DB25 male/DB25 male	RSU 10524114	42.99
9	50-ft. round shielded	DB25 male/DB25 male	RSU 10524122	59.99
9	100-ft. round shielded	DB25 male/DB25 male	RSU 10524130	69.99
10	6-ft. round shielded	DB25 male/DB25 female	26-240	9.99
11	6-ft. round shielded	DB25 male/DB9 female	26-269	9.99
12	6-ft. round shielded	DB9 male/DB9 male	26-116	9.99
13	6-ft. round shielded	DB9 male/DB9 female	26-117	9.99
-	6-ft. round shielded	DB9 female/DB9 female	26-152	9.99
14	Null modem adapter	DB25 male/DB25 female	26-1496	5.99
15	Null modem adapter	DB9 male/DB9 female	26-264	5.99
16	Gender changer	DB25 male/DB25 male	26-243	5.99
17	Gender changer	DB25 female/DB25 female	26-1495	5.99
18	Gender changer	DB9 female/DB9 female	26-266	5.99
19	Gender changer	DB9 male/DB9 male	26-280	5.99
20	Port adapter	DB25 female/DB9 female	26-265	5.99
21	Port adapter	DB25 female/DB9 male	26-287	5.99
22	Port adapter	DB25 male/DB9 female	26-209	5.99
23	Port adapter	DB25 male/DB9 male	26-1388	5.99



## Detachable AC cords

(24) IEC-type cords. Fit many PCs, printers, calculators, office machines, lab and test instruments. All have 3-prong (grounded) plug. UL listed.

(25) 6-foot. 278-1257 ..... 3.99  
 12-foot. 278-1261 ..... 5.99  
 6-foot shielded. 278-1262 .... 4.99

(25) With right-angle connector. Great for tight spaces. 6-ft. detachable AC power cord with 90° IEC-type connector. UL listed. 278-1260. .... 5.99

(26) 6-foot IEC extension cord. UL listed. 278-1259 ..... 4.99

## Color Computer cable

(Not shown) Connects a cassette recorder to your Color Computer. 5-pin DIN plug at one end, one 1/8" and two 1/4" audio phone plugs at the other. RSU 11581055 ..... 5.99



## Handy 14-piece tool kit for computer service/maintenance

Includes anti-static IC inserter and extractor, non-conductive parts retriever, tweezers, four demagnetized screwdrivers—1/8" and 1/16" slot, #0 and #1 Phillips—plus 3/16" and 1/4" nutdrivers, T10 and T15 Torx® bits, protective parts tube and a deluxe zippered case. 64-1990 ..... 14.99



## A/B switch lets you connect two devices to one computer port

Ends unplugging and replugging. Lets you select between two printers or other devices with the flip of a switch. DB25 female connectors on both input and output. Shielded design reduces interference. No external power supply required.

May be special-order in some stores. 26-115 ..... 29.99





**New 12-foot IEEE 1284 bidirectional printer cable**

For high-speed laser and ink-jet printers.  
26-403 ..... 19.99

**90° angle adapters**

Adapter cable for tight spots.  
Right angle. **RSU 11443470** ..... 10.99  
Left angle. **RSU 11443488** ..... 10.99



**Helpful accessories**

**Printer extension kit.** Includes two parallel port adapters and 50-ft. cable. Extendable to 1200 feet. Not for ink-jet printers.  
26-2903 ..... 29.99

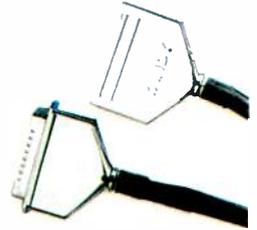
**4-way printer switch.** Switch a single printer between four computers. **RSU 11893476** ..... 49.99

**Printer cable extender.** **RSU 10277044** ..... 29.99  
(Note: printer cable extender requires special 25-ft. cable, not included. **RSU 10288512** ..... 39.99)

**6-ft. printer cable extender.** **RSU 11269495** ..... 9.99

**Top quality computer cables that assure a perfect connection between your PC and printer.**

Fig.	Connectors/Description	Length	Cat. No.	Each
IBM; Tandy 1000 RL/RLX/TL3/3000/4000/5000/MPC/Sensation/WP-2; All Tandy Laptops	25-pin/male Tandy port for most Tandy printers (See chart below)	6 ft. shielded	26-227	12.99
		12 ft. shielded	<b>RSU 10288488</b>	17.99
	25-pin male/36-pin IBM port: bidirectional	30" shielded	26-1284	9.99
		6 ft. shielded	26-288	9.99
		12 ft. shielded	26-1258	14.99
Tandy 1000 Series (Except RL/RLX and TL/3)	Edge Card/36-pin Tandy port for most Tandy printers	6 ft. shielded	26-225	19.99*
		12 ft. shielded	<b>RSU 10276988</b>	24.99
	Edge Card/36-pin IBM port	6 ft. shielded	<b>RSU 11652922</b>	21.99
IBM and Compatibles	25-pin male/Tandy port (Printer in IBM mode)	6 ft.	<b>RSU 11658168</b>	11.99
Color Computer/MC-10	4-pin DIN/4-pin DIN Special Serial Cable	6 ft.	<b>RSU 10277077</b>	5.99
Model I/III/4/4P/4D	Edge Card/36-pin Tandy port	6 ft.	<b>RSU 10277002</b>	19.99
Model II/12/16/16B/2000/6000	34-pin female header/36-pin Tandy port	6 ft.	<b>RSU 10277093</b>	12.99
Printer Extension Cable	36-pin male/36-pin male for <b>RSU 10277044</b> printer extender	25 ft.	<b>RSU 10288512</b>	39.99
Model 100/102/200/600	Printer Cable 26 pin female/36 pin male	6 ft.	<b>RSU 10446227</b>	14.99
Color Computer 3	Cassette; 5-pin DIN to two 1/8" and one 1/32" plugs	3 1/2 ft.	<b>RSU 11581055</b>	5.99



Shown: #26-225 (above), #26-227 (below)



Note: "Shielded" after the cable length indicates shielded round cable. \*Special order in some stores.

**Tandy Printer Cable Quick Reference**

If you move or reorganize your computer workcenter, you may need cables of different lengths to accommodate the changes. The chart below will help you pick the exact cable your system requires, and includes listings for older printers.

Computer →	IBM & Compatibles NON-Tandy Computers (Printer in IBM Mode)		Tandy 1000/RL/RLX/TL3 3000/4000/5000/MPC Sensation/WP2		Tandy 1000-Series (Except RL/RLX/TL3)			
	Printer ↵	Length ↵	6 Feet	12 Feet	6 Feet	12 Feet		
LP 400/410, LP 800/950/990 All Ink-Jet Printers			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
LP 1000, DMP 100/105/106/107 DMP 110/120/130 DMP 130A/132/133			<b>RSU 11658168</b>		26-227	<b>RSJ 10288488</b>	26-225	<b>RSU 10276988</b>
DMP 134/135 DMP 136/137			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
DMP 200			<b>RSU 11658168</b>		26-227	<b>RSU 10288488</b>	26-225	<b>RSU 10276988</b>
DMP 202/203/204 DMP 205/206/207 DMP 240/250			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
DMP 300			<b>RSU 11658168</b>		26-227	<b>RSJ 10288488</b>	26-225	<b>RSU 10276988</b>
DMP 302/310			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
DMP 400/420/430 DMP 440/442/500 DMP 2100/2100P/2102			<b>RSU 11658168</b>		26-227	<b>RSU 10288488</b>	26-225	<b>RSU 10276988</b>
DMP 2103/2104			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
DMP 2110/2120			<b>RSU 11658168</b>		26-227	<b>RSU 10288488</b>	26-225	<b>RSU 10276988</b>
DMP 2130			26-288	26-1258	26-288	26-1258	<b>RSU 11652922</b>	
DMP 2200/DW II DMP 210/220/230 DMP 410/510/520			<b>RSU 11658168</b>		26-227	<b>RSU 10288488</b>	26-225	<b>RSU 10276988</b>



\*\*New ink-jet technology may not be compatible with some older computers. Items with an **RSU** number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4.

# We Make Computing a Little Easier

Whether you use your computer for business, school or recreation, we can help you get the most out of it. We have mice and accessories for better control over your work, and our joysticks will please even the most seasoned game players and PC pilots!



### Competition joystick for IBM® and compatibles

The Avenger 700 joystick gives you the edge you need—highly accurate 8-direction control has fine-tuning X and Y trim adjustments to keep you right on target. Also features ultra-sensitive fire buttons, high-speed auto fire, turbo and auto centering. Suction cups keep joystick in place when the action gets hot. Durable high-impact molded construction. 4½ foot cord. 26-377 ..... 19.99



Thumb-controlled fire buttons and 4-way hat switch

### New Soar to new heights with this comfortable flight joystick

Complex flying maneuvers are made easier with this ergonomically designed joystick. You'll be a part of the game—grip has four action buttons plus a four-way thumb-controlled hat switch for better control of weapons and other game options. Throttle control, X/Y axis trim controls. Large base with suction cups for better stability. For IBM PCs and compatibles. 26-416 ..... 49.99



### Mouse pad/calculator\*

EC-459. Convenient calculator with 8-digit display, 3-key memory and mark-up function. Rubber mouse pad measures 6 1/8 x 8 1/8". 65-568 ..... 15.99



### New Computer gamepad

8-direction, thumb-controlled gamepad has 4 fire buttons and 4 turbo/auto control switches for better control and higher scores. Auto-calibrating. For IBM PCs and compatibles. 26-414 ..... 14.99



### Large PS/2-style trackball

Gives better control than a regular mouse—great for those who have very large or small hands. Fits standard PS/2 mouse input port. 26-393 ..... 29.99



### Mouse holder\*

Keep your mouse handy but out of the way. Attaches to CPU or monitor with included peel-and-stick adhesive. 26-275 ..... 2.49



### Mouse pad\*

Keeps the tracking ball clean. Provides excellent tracking on a uniformly smooth surface for improved mouse operation. 26-237 ..... 4.99



### Joystick port Y-adaptor

Use two joysticks in a single port. Compete with friends on 2-player games! 15-pin connector. 26-380 ..... 4.99



### Meet Rusty mouse cover

Protect your computer's mouse with this fuzzy friend and have a little fun at the same time. 26-394 ..... 4.99



### Two-button PS/2 mouse

Two-button mouse fits any standard PS/2 mouse input port. Durable quality for long life. 26-392 ..... 19.99

Serial 2-button mouse. Two-button 400dpi mouse compatible with serial ports. 26-389 ..... 9.99



### Mouse cleaning kit

Your mouse works better when it's squeaky clean. Six foam swabs plus cleaning fluid and cloth. 26-347 ..... 4.99



### Mouse kit

Everything you need to add a PS/2-style mouse to your system—mouse, holder, pad, and "uptown" mouse cover. 26-372 ..... 29.99



### Deluxe mouse pad\*

Be kind to your mouse. Hard matte surface provides better traction. Wipes clean easily and won't absorb stains. 26-353 ..... 9.99



### Wrist-rest mouse pad\*

Helps reduce fatigue when using mouse for an extended time. Excellent tracking surface. 26-373 ..... 5.99

\*Mouse shown, not included

Prices apply at participating RadioShack stores and dealers. Not all items in all stores—ask about our ordering service (terms subject to availability)



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With RadioShack preformatted 3.5" and 5 1/4" diskettes and convenient storage accessories for diskettes and multimedia CD ROMs.



## Our preformatted diskettes have a lifetime warranty

Use the best quality diskettes for your data. Each RadioShack preformatted diskette is warranted against defects in workmanship and materials for the lifetime of the purchaser or we will replace it free—see our store manager for details. Ten-packs include a bonus protective tote box. Discounts are available on large-quantity purchases—see page 303.

### Double-sided 3 1/2"

Density	Capacity	Qty.	Cat. No.	Price
Double	720KB	3	26-432	2.99
		10	26-430	7.99
High	1.44MB	3	26-433	3.99
		10	26-431	10.99

### Double-sided 5 1/4"

Density	Capacity	Qty.	Cat. No.	Price
Double	360KB	3	26-452	2.99
		10	26-450	6.99
High	1.2MB	3	26-453	2.99
		10	26-451	7.99

### Tape/cartridge storage

- 20MB 5 1/4" Bernoulli disk cartridge. RSU 10274744. 119.99
- 150MB tape cartridge. DC 6150 compatible. RSU 10274728. 39.99
- C-20 digital cassette. RSU 10451755. 3.79
- 40MB tape cartridge. DC 2000 compatible. RSU 11656873. 29.99



**Color-coded labels.** Organize and identify your 3 1/2" diskettes. Adhesive-backed labels. Pack of 100. 26-244. 2.99



**Disk drive cleaner kit.** Removes oxide buildup in disk drives. 3 1/2" and 5 1/4" cleaning diskettes and 1/2 oz. fluid. 26-295. 7.99



**Diskette storage boxes.** Economical way to protect disks from dust and damage. 10, 3 1/2" disks. 26-273. 1.49  
10, 5 1/4" disks. 26-274. 1.49



**New Pop-up 3 1/2" disk box.** Innovative pop-up design lets you view five 3 1/2" disks at one time. Ideal for students. Easy to carry or pack in briefcase. 26-387. 4.99



**Economy 3 1/2" disk storage.** Safeguards your diskettes against moisture and dust. Keeps up to forty 3 1/2" diskettes organized and off your work space. 26-386. 3.99



**Multimedia box.** Holds eighty 3 1/2" diskettes or 16 CD-ROMs or 12 mini data cartridges or a combination. No parts to assemble. 26-366. 6.99



**Diskette storage.** Holds sixty 3 1/2" diskettes. Snap-tight lid keeps dust out. Stackable—store a large number in a small space. 26-367. 4.99

## CD ROM storage



**New 150-CD wood rack.** Stores up to 150 CDs in jackets designed to snap in/out of rack. For office, school. Includes 12 jackets. 26-454. 19.99



**New 12 CD-ROM wallet.** Sturdy, padded wallet zips up to hold up to 12 CDs in jackets. Travel-size. Includes 6 jackets. 26-455. 9.99



**New CD ROM holder.** No hinges or hubs to break. Tray slides out for easy access to disc. Fits in all storage devices. 26-381. Pkg. of 5/6.99



**New CD storage tower.** Vertical design frees up more work space. Stackable and wall mountable. Easy, snap-in assembly and stacking. Organizes and protects 20 CDs. 26-388. 5.99



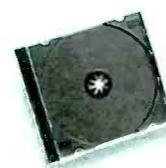
**New Twelve 3.5" diskette jackets.** Anti-static, anti-scratch jackets. Fits #26-454 rack or #26-455 wallet. 26-456. 6.99



**New CD-ROM jacket refills.** Stores CDs in 1/4 the space of conventional CD jewel cases. Pack of twelve jackets. 26-457. 6.99



**Dual CD-ROM case.** Makes it easy to transport CD-ROMs. Holds 2 CD-ROMs in one jewel case. Same size as a regular jewel case. 42-202. Pkg. of 3/4.99

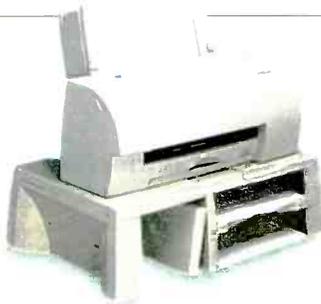


**CD jewel boxes.** Replace your lost or broken jewel boxes in order to help keep your CDs clean, safe and secure. 42-122. Pkg. of 2/2.99



# Protect Your Computer Hardware

RadioShack has all the computer accessories you need to protect your investment so you can enjoy your computer longer.



**Ink-jet printer stand.** This heavy-duty stand is designed for an ink-jet printer, monitor or fax machine. Sturdy construction holds up to 60 lbs. Width is

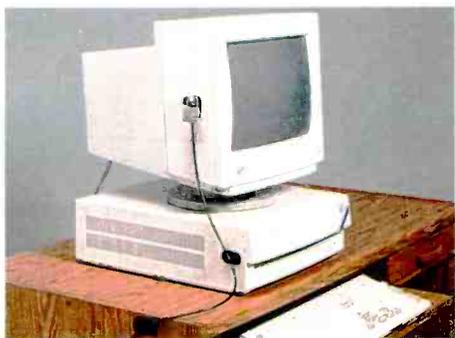
adjustable from 15" to 19." Easy assembly—no tools required. **26-398** . . . . . **19.99**



**New 17" monitor cover.** Keeps dust off your monitor. Fits most monitors up to 17" diagonal screen size, even with screen filters in place. Lightweight nylon construction slips easily on and off. **26-402** . . . . . **12.99**



**New Copy clip II.** Holds your copy for comfortable reading. Mounts on either side of your monitor. Securely holds card to legal-size papers. Easy, one-hand push and release action. (No clip). **26-404** . . . . . **4.99**



**PC security system with lock.** Affordable and effective! Helps safeguard your PC by discouraging theft. When properly installed, this system can't be removed with ordinary hand tools. Includes three quick-mount plates, steel cable, tamper-proof lock and two keys. **26-348** . . . . . **12.99**



**New Ink-jet printer cover.** Protect your printer from dust and dirt and extend time between cleanings. High-quality nylon material for years of protection. Fits Lexmark and many other ink-jet printers. **26-400** . . . . . **6.99**



**Monitor cover.** Protects your computer monitor from damaging dust. Fits most monitors up to 15" diagonal screen size, even with screen filters in place. **26-342** . . . . . **9.99**



**Enhanced IBM® compatible keyboard.** Features 101/102 keys with special Microsoft Windows95® keys. Spill resistant. IBM PC AT, PS/2. **RSU 11643913** . . . . . **29.99**



**Padded wrist rest.** Cushions your wrists with comfortable, soft foam padding and elevates them to the ideal typing angle. May help relieve symptoms of Carpal Tunnel Syndrome. Non-slip base. **26-359** . . . . . **7.99**



**Keyboard cover.** Fits most computer keyboards. Helps keep dust and other damaging contaminants from getting into hard-to-clean areas. **26-343** . . . . . **4.99**



**CD-ROM lens cleaner/testing system.** Both a cleaning device and a very handy program for testing your CD drive. An animated control panel guides you through the cleaning process, plus you can run some programs to test your CD's video and audio components. There are also two pre-programmed multimedia presentations. **26-390** . . . . . **7.99**

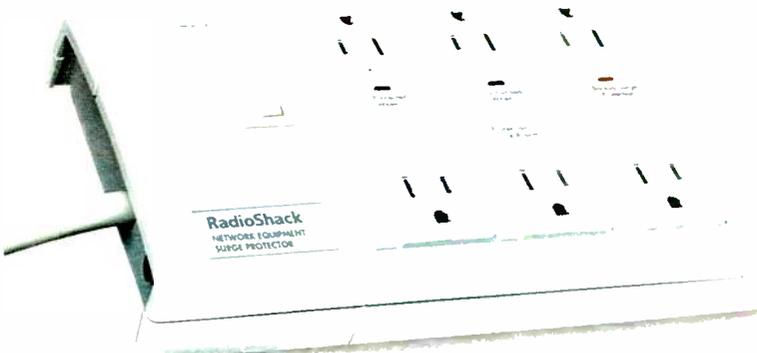


**Workstation organizer.** Dividers let you store your mouse, diskettes and supplies. Units lock together. **26-360** . . . . . **2.99**



**Printer cover.** Durable nylon cover fits most 80-column printers. Helps keep printer looking like new while extending time between cleanings. **26-356** . . . . . **6.99**





**6-outlet protector is ideal for networked systems, includes Backup Surge Protection**

Provides 3-line AC surge protection and guards network line that uses RJ45 modular jack hookup. Alerts you to disabled protection and miswired AC outlet. 6-ft. power cord has a flat plug for a better fit behind equipment or furniture. Built-in 55dB noise filter. Fast 1 picosecond response. 1300 joule rating. UL 1449 rating: 330V. Includes up to \$25,000 Connected Equipment Guarantee. 61-2219 . . . . . 69.99

**Why Take Chances?**

Surges can cause expensive, hard-to-repair damage to computer equipment. Surges exist on nearly every AC power line and can even enter your equipment through your phone line. RadioShack's affordable surge protectors install in minutes: Simply plug in your equipment and plug the surge protector into a grounded (3-prong) AC outlet.



**RadioShack's Connected Equipment Guarantee is included at no extra cost**

Because our surge protectors exceed UL 1449 and meet IEEE 587 standards, they include a limited warranty covering your properly connected equipment: *During the warranty period we will reimburse, up to the stated dollar limit, for the repair or replacement of equipment damaged by a voltage surge while properly connected to a surge protector covered by the warranty.* For details, ask a RadioShack sales associate.

Because our surge protectors exceed UL 1449 and meet IEEE 587 standards, they include a limited warranty covering your properly connected equipment: *During the warranty period we will reimburse, up to the stated dollar limit, for the repair or replacement of equipment damaged by a voltage surge while properly connected to a surge protector covered by the warranty.* For details, ask a RadioShack sales associate.



**6 adapter-friendly outlets plus fax/modem protection**

Extra spacing allows AC adapters to fit easily next to plugs. Alarm sounds if protection is disabled. LED warns of improperly wired wall outlet. Fast response. UL 1449 rating: 330 volts. 880 joules. 55dB noise filter. 15A breaker. 6-ft. cord. Includes up to \$10,000 Connected Equipment Guarantee. 61-2122 . . 59.99



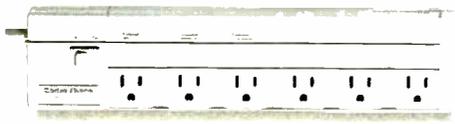
**6-outlet surge protector in a rugged metal housing**

Provides 3-line surge protection and a 55dB noise filter. Audible and visible alarms indicate disabled surge protection. Circuit breaker. Heavy-duty 6-ft. cord. UL 1449 rating: 330V. 450 joules. Up to \$10,000 Connected Equipment Guarantee. 61-2121 . . . . 34.99



**New Computer power center**

Provides five outlets that can be switched separately or together and 3-line surge protection. Also guards fax/modem line. Built-in line-noise filter and 15-amp circuit breaker. 6-ft. cord. UL 1449 rating: 330V. 490 joules. Includes up to \$10,000 Connected Equipment Guarantee. 26-419 . . . . . 59.99



**New 6 surge-protected outlets, protection for 2 phone lines**

Provides 3-line AC surge protection plus audible and visible alerts if protection is disabled. Ground LED indicates miswired AC outlet. Noise filter. 6-ft. cord. UL 1448 rating: 330V. 700 joules. Includes up to \$10,000 Connected Equipment Guarantee. 61-2220 . . 49.99



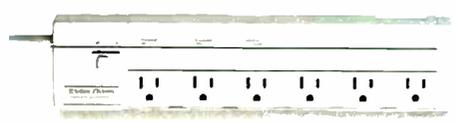
**Plug-in 6-outlet for tight places**

Plugs directly into standard AC outlet. Provides full 3-line surge protection and audible/visible indication if protection becomes disabled. UL 1449 rating: 330 volts. 450 joules. 1 nano-second response. Built-in 35dB noise filter. High-impact case. Includes up to \$10,000 Connected Equipment Guarantee. 61-2123 . . 24.99



**New Get protection from AC surges and power blackouts**

If AC fails, Pro 280 Uninterruptible Power Supply switches instantly to power provided by its built-in, hot-swappable sealed battery. Provides up to 15 minutes of operation, enabling you to power down your computer safely. Compatible with Power Management Software. Trims over-voltages, boosts under-voltages, protects against surges on AC and modem/fax line. 4 outlets. Includes up to \$25,000 Connected Equipment Guarantee plus 3-year product warranty. 26-382 . . . . . 149.99



**6 outlets with AC adapter spacing, audible/visible alarms**

Provides 3-line surge protection. Alerts you if a surge beyond the protector's ratings disables protection. Ground LED indicates improperly wired AC wall outlet. UL 1449 rating: 330V. 600 joules. On/off switch. Circuit breaker. 6-ft. cord. Includes up to \$10,000 Connected Equipment Guarantee. 61-2120 . . 35.99



**New Protect your portable PC when you're on the road**

Single-outlet protector fits into most portable computer carry cases. Protects against power-line surges when you operate your portable from an AC outlet in a hotel or motel. Also protects modem/fax. Alerts you to disabled surge protection and miswired outlets. UL 1449: 330V. 450 joules. Includes up to \$10,000 Connected Equipment Guarantee. 61-2225 . . . . 19.99



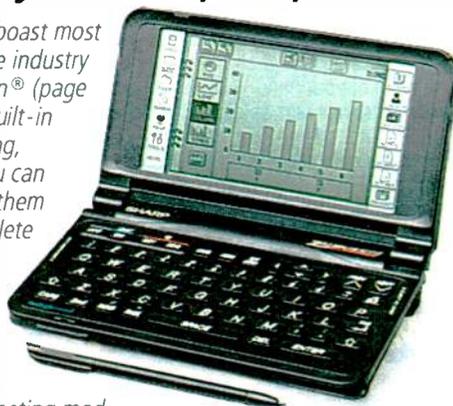
What's new and exciting in Information Electronics? You'll find it at RadioShack. We stock the name brands that set industry standards. Plus, our knowledgeable sales people will answer your questions about these new electronic marvels and help you make the right choice.

## Today's palmtops do the work of your desktop computer!

Palmtops are powerful multitasking computers that boast most of the features found on desktop PCs. We carry three industry leaders in palmtops—Cassiopeia® (page 274), Psion® (page 272) and Zaurus™ (page 273). All of them feature built-in Windows®-compatible programs for word-processing, spreadsheets, database, and agenda managers. You can download your desktop PC's working files and take them with you when you leave the office. Edit the files, delete them, even start new ones; and when you return to the office, upload them again, usually with just the click of an icon.

All three share the features listed above, but each has distinctive strengths. There are excellent reasons why you might select one model over the other competing models. One thing that makes them so different is the various optional add-ons and third-party communication services you can add to the basic palmtop. Like sending an e-mail message to your office while you're riding in a taxi; accessing the computer in your Chicago office from a hotel room in New York; sending and receiving 2-way wireless pages; having access to stock market information 24 hours a day.

Visit your nearby RadioShack and learn about these new technological marvels for yourself. Our trained experts will show you what they can do for you!



### Organizers

**Expanded Entry**—Each record can contain up to 75 or more characters and digits—input names, phone/fax numbers, addresses, other data. Some even take several hundred characters/digits. Usually a feature found in more powerful organizers.

**Pager ID**—Super handy organizer feature if you use a pager. Enter the phone number displayed on your pager. The organizer searches memory and displays the name of the caller if the name and number are stored in the directory's files.

### PDA, HPC & laptop computers

**Connectivity**—The ability of computers to be connected to share access to data files and applications. In some cases, access can extend to the point where one computer has remote control of another. Connections between computers can be by cable, phone line, invisible infrared beam or by wirelessly transmitted radio signals.

**Cradle**—A device that holds a palmtop or laptop computer and provides a way of connecting the mobile computer to a desktop PC and accessories. Connection is usually made through a cable or wirelessly via an infrared beam.

**HPC (Handheld Personal Computer)**—A palmtop computer that uses the Windows CE operating system.

**PDA (Personal Data Assistant)**—A palmtop computer. As the name palmtop suggests, this class of computers is smaller than laptops.

**Synchronization**—A software function that shares data between a laptop or PDA/HPC palmtop computer and a desktop computer. Files in both computers wind up with identical data within the application which the two computers share.

**Solid State Disks (SSDs)**—Accessory integrated chip that performs several functions for palmtop computers—increases memory; acts like a floppy disk in a PC; provides a way to insert and/or use application programs.

### Scientific Calculators

**Mantissa/Exponent**—Scientific notation used to display very large and very small numbers. Long numbers are split into two parts. The mantissa portion holds significant digits, the exponent tells you how many places to move the decimal. For example, 25,863,200,000,000 would be shortened to  $2.58632 \times 10^{13}$  in scientific notation. 2.58632 is the mantissa, 13 is the exponent.

### Electronic Reference Tools

**Phonetic Spelling Correction**—You type a word the way it sounds into the electronic spell checker or dictionary. Your spelling is either confirmed or the correct spelling is displayed.

**Information products—we have them all!**  
**RadioShack is the SUPERSTORE of calculators, organizers, palmtop computers, translators...**  
**Just ask—we've got it (or we can get it!)**



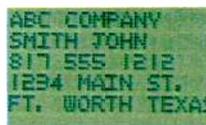
- Personal Data Assistants (PDAs) • Handheld Personal Computers (HPCs)
- Scientific calculators • Reference books • Graphing calculators
- Thesauruses • Multimedia computers • Business and financial calculators
- Electronic organizers with Caller ID • Organizers with Pager ID feature
- Spell checkers • Office printing calculators • Specialty calculators
- Electronic Bibles • Crossword puzzle solvers • Pocket calculators
- Dictionaries • Electronic diaries • Speaking language dictionaries
- Laptop computers • ... and lots more



Graphic calculator



Scientific calculator



Electronic card files



Electronic spreadsheets



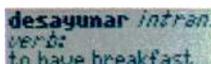
Spell checker



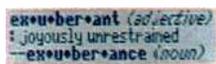
Organizer



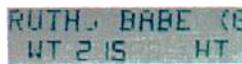
Electronic Bibles



Speaking language dictionaries



Electronic dictionary/thesaurus



Sports encyclopedias



**RadioShack Unlimited**

If what you're looking for isn't in our store, it's almost sure to be available through RadioShack Unlimited. We can order it for you, for fast shipment direct to your door.



**The 2MB Psion® 3c palmtop computer is all you need for a fully equipped, completely portable office!**

**Psion 3c.** Picture yourself in a customer's office to discuss a contract. With Psion, you're ready for anything because you have all the necessary data right in the palm of your hand—Lotus 1-2-3® compatible spreadsheets, relevant sales figures in a database, and MS Word compatible documents. During the meeting, the customer wants a hard copy of a file—no problem—just connect to the serial/parallel port of a printer and print. As you wrap things up, your Psion plays this recorded announcement, "You've got an appointment with Mr. Jones in half an hour"—and off you go to another productive meeting. Back at your hotel, you receive e-mail and send

a fax to the home office using two of the many available Psion add-ons. The 3c model has 2MB RAM, backlit screen that's easy to read in any light, a 16-bit processor, plus the most robust, powerful database and spreadsheet programs available in palmtop computers. Built-in IrDA port can wirelessly send data to another Psion, computer or IrDA-equipped printer. Spreadsheet includes PC-compatible financial forecasting, statistical calculations and graphing. Powerful PC-compatible word processor includes a spell checker/thesaurus. Two "AA" batteries (not included) power the series 3c Psion for up to 80 hours. **25-3212** ..... **499.00**

**PsiWin Windows 1.1® Interface for 3c Psion computer and Siena organizer.** Transfers Psion and Siena files to and from Windows-based PC programs with auto file conversion. **25-3213** ..... **119.99**



**New 8MB Psion 5 series palmtop computer is exceptionally rich in communications capability**

Has all the functions of the 3c series computer above, plus extra connectivity and ease of operation. The touch of an icon gives you instant access to desktop-style applications to create documents, spreadsheets and databases. Edit and create documents quickly and easily on the touch-type keyboard. You can view an entire page width on the series 5's touch-sensitive screen. The new touch screen allows pen navigation for faster operation than with a keyboard alone. There's also one of the most innovative digital recorders on any palmtop computer. You can even use

it with the computer's case closed—just press a button and begin recording. The included Windows linking cable and software let you seamlessly synchronize with your desktop PC or laptop. Add "flash" memory to expand the 8MB memory by 2, 4 or 10MB. A new 32-bit processor makes everything run faster. Two "AA" batteries (not included) will power the Psion series 5 for up to 30 hours. Additional optional equipment for the series 5 will be available in Dec. '97—memory, modem, software for e-mail and fax, Internet access and more. **25-3209** ..... **699.99**



**New 512K Siena organizer puts legs on your desktop PC**

Ideal for salesmen, executives or anyone who needs to take their working data files outside the office. Has built-in agenda, spreadsheet, database manager and word processor. All applications are fully compatible with the most popular computer applications—MS Schedule, Works, Lotus Organizer, MS Word, WordPerfect, Lotus 1-2-3, Excel, Quatro Pro and more. You can download, edit, even start new files in these applications. When you return to your office, update both Siena and your PC with any changes. Calculator, clock, calendar.

**65-736** ..... **199.99**  
**1MB Siena organizer. RSU 11723798.** ..... **239.99**



**New Synchronizer updates Agenda files**

Works between your PC and Siena organizer. When the Siena is connected to your PC, just click the on-screen icon, and any additions, deletions or changes will be reflected in both machines. Can be set to run in a one-step, two-way transfer running in background mode. Comes complete with link cable and necessary software. **RSU 11930005** ..... **49.99**

# Because Psion Gets the Job Done!

*Psion has grown into a mature, robust information management system fully compatible with Windows95 and Windows 3.1, and with Mac. Built-in word processor, spreadsheet, database and agenda managers are versatile and powerful. You can custom design Psion's information-handling tools to fit almost any need or taste.*



*Graphics for math and business applications*

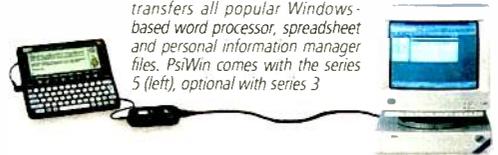


*1-2-3 compatible spreadsheet*



*Easy-to-use drop-down menus*

*PsiWin interface provides a communication link between a Psion and your desktop PC. Seamlessly transfers all popular Windows-based word processor, spreadsheet and personal information manager files. PsiWin comes with the series 5 (left), optional with series 3*



*Some items shown with computer components (sold separately).*

**Siena bridges the gap between organizers and full-fledged computers**

*Electronic organizers continue to grow more powerful and sophisticated every day—more and more like palmtop computers. But there continues to be one big difference: Organizers are designed for specific purposes and have narrower ranges of functionality.*

*Computers like the Psion are much more open-ended and versatile, leaving room for expansion and extensive programmability. However, there is a downside to this increased power—computers cost a lot more than organizers.*

*Siena was designed for the customer who wants the most popular data-handling features of the Psion palmtop computer, but doesn't want the added expense that programming capabilities add.*



# Sharp Means Business—and Business Knows It!

Sharp has many years of experience designing Zaurus Personal Digital Assistants (PDAs) and electronic organizers, especially tailored to handle business and financial matters. Sharp organizers have been a preferred choice of executives and financial managers for years.



## Zaurus™ Personal Digital Assistant with backlit display

**ZR 3500X—The Complete Mobile Solution.** You'll find all of the unique data and time management functions that have made Sharp's PDAs and organizers the darlings of Business for so many years. In addition, there are Windows tools like Excel and Word, fully compatible with Windows95. There are many special features business people will especially welcome. Use the included software and cable (ZR-AP2C PC Link) to instantly synchronize your appointments and contacts in both Zaurus and your desktop PC. An IrDA infrared port gives you an incredibly convenient wireless link for sharing files wirelessly with other Zaurus PDAs and organizers. A built-in 14.4/9.6 Kbps data/fax modem makes going online easy—now only a single button tap away from e-mail or PC link. CompuServe® features are built in to deliver such services as Stock Quotes, Weather, Auto-Pilot, Forums, Executive News, CompuServe Mail.\*

Backlight lets you see the 320×240 dot-matrix screen in dim light (or no light at all), but can also be turned off to conserve battery power. Drag-and-drop data transfer of Windows95 files with unique link software provides direct synchronization with popular PIMs. 1MB memory with 1MB of flash memory. Two included "AA" batteries provide up to 100 hours of battery life. Was \$499.99 in '97 catalog. **25-3303**. . . . . **New Low Price! 399.99**

\*Requires CompuServe as service provider

## Many Zaurus options are available through RadioShack Unlimited

Wireless interface for printer. CEIR1. **RSU 11670726** . . . . . **149.99**  
 Zaurus Application Partner for Windows 3.1. ZR-AP1. Contains infrared adapter, Data Exchange utility, and Clipboard Link software. **RSU 11670775** . . . . . **129.99**

Microsoft Mail access. ZRPG1 **RSU 11670783** . . . . . **79.99**  
 Expense Manager. ZR5P01. **RSU 11670833** . . . . . **79.99**



## New Mobile organizer with PC synchronization

**Sharp SE-500.** This 1MB pocket powerhouse has all the familiar Sharp scheduler and anniversary functions, contact and data files. Comes with a cradle and software to link to your desktop PC for synchronized sharing of files with popular programs—Lotus Organizer '97, MS Outlook, ACT! 3.0 and many more popular applications. Compatible with Windows NT 4.0 and Windows95. A built-in 14.4Kbps modem gives you e-mail access through your Internet service provider. The IrDA infrared port lets you wirelessly share information with another Sharp SE-500 or IrDA-capable computer. LCD screen with backlight lets you use the organizer in any light. You can draw or write directly on the touch screen; and you can use the Notes function to attach the screen notes/art to an e-mail message or to any entry in the SE-500. Organize your activities using the 1-month or 3-month calendar views. Canned Messages lets you create and store pre-written replies to e-mail messages for sending later. Includes 2 "AA" batteries. **65-745** . . . . . **329.99**

Includes DAYTIMER™ organizer software for Sharp Wizard

## New 256KB personal information organizer

**Sharp Wizard OZ-630.** All the standard Sharp time and data management functions such as 3-month calendar view, double scheduler so you can view your schedule and enter data simultaneously, telephone directory, anniversary function, to-do lists and electronic memo. Use the report manager to record business and personal expenses, detailed by date, category, payment time, reimbursement status. Numeric keypad, calculator. Synchronize Wizard data with your desktop PC—just add linking software kit below. Includes 2 "AAA" batteries. **65-746** . . . . . **119.99**

**OZ60K docking station, DAYTIMER organizer software for Sharp Wizard, and PC link software.** Links the OZ630 to your desktop PC. **RSU 11930534** . . . . . **59.99**



## New 1MB personal information manager

**Sharp Wizard OZ-650PC.** Packed with the latest Wizard features. Big 10-line display has a backlight for viewing in any light. Share information wirelessly with another OZ-650PC or with an IrDA-capable computer. Included docking station synchronizes the OZ-650PC's data with desktop PCs. Clipboard download feature copies data from your PC's Windows clipboard to the OZ-650PC. IrDA infrared data transfer. Includes all the standard Wizard data and schedule management features along with customizable telephone application, plus Backup and Restore utilities. Includes 2 "AAA" batteries. **65-747** . . . . . **219.99**





**New Cassiopeia handheld PC**

Cassiopeia was only recently introduced, and already there are dozens of third-party add-ons and software applications available. This rapid growth is expected to accelerate because of the happy combination of a computer built from the ground up as a handheld PC, designed from the very beginning to take advantage of the powerful Windows CE operating system. Data can be downloaded from your PC with the included PC link.

Cassiopeia has 4MB memory, backlit touch screen, PC expansion slot and built-in programs for word processing, database management, spreadsheet, agenda management, e-mail, plus Microsoft Internet Explorer. There is also a selection of business-oriented applications for remote e-mail, fax transmissions, wireless 1 and 2-way paging, even Casio QV Camera Connection, and more. Cassiopeia will grow rapidly; to keep you current, future updating will be available through Casio's special RAM Upgrade Service. Operates on 2 "AA" batteries or AC adapter. **25-3500** . . . . . **549.00**

AC adapter for #25-3500 above. **RSU 11872827** . . . . . **79.99**

**New 6MB Cassiopeia.** Includes AC adapter. **RSU 11931599** . . . . . **629.99**

**The new Windows® CE operating system**

**Engineered especially to fit handheld PCs.** Microsoft® brings a Windows95®-compatible operating system to compact PCs. Now it's much easier to transfer Windows-based files between your handheld PC and desktop PC.

**Little or no training required—If you use Windows applications, you already know how to use Windows CE.** You'll find the same friendly, easy-to-use Windows environment that's on your desktop PC's programs.

**Comes with pocket versions of popular Microsoft applications.** Pocket versions of Word and Excel are compatible with your desktop's versions of these programs, allowing you to share files with your office's computers and networks.

**Powerful communications capabilities are built in.** Windows CE is especially rich in data communication abilities. Microsoft custom-designed these to fit the compact environment of the handheld PC.

**Application installation is simple.** Handheld PC Explorer makes installing new programs as easy as it is with your desktop.

**Specialty calculators from RadioShack Unlimited**



**Pocket Handyman IV® calculator**

A do-it-yourselfer's dream come true! Fast, easy-to-use functions give you professional results in performing the calculations for your projects. Enter yards, feet, inches and fractions directly without first converting to decimal numbers. Special functions help you estimate materials costs. **RSU 11635281** . . . . . **39.99**



**Teachers' grading calc**

**Gradematic 4000.** Averages letter and number grades together without conversions (B+, 82, A-, 84). Stores and uses your own grading scale. Displays grades in any standard format—percent, GPA and total points. **RSU 11912391** . . . . . **49.99**



**Electrical®**

World's best calculator for electrical contractors and electricians, updated with the latest NEC standards. Works directly in volts, amps, volt-amps, watts, kVA, kW, PF%, EFF% and DC resistance. Calculates wire sizes per NEC. **RSU 11642360** . . . . . **99.99**



**Real estate calc**

**Real Estate Master II.** One-button solutions for loan amount, payment, interest, amortizations, PITI—it's easy to plug in new numbers and instantly refigure in order to close a deal. **RSU 10502201** . . . . . **39.99**



**Proportional-scale modelers' calculator**

Modelers, throw away that desk drawer full of scale rulers! This calculator quickly, accurately solves all scaling calculations for railroad, car, boat, plane, building and layouts. **RSU 11523826** . . . . . **59.99**



**Texas Instruments® real estate & finance**

**BA II PLUS®.** Powerful, easy-to-use features for cash-flow and time-value-of-money analysis such as leases, annuities, mortgages, and savings. Generates amortization schedules. **RSU 10451474** . . . . . **39.99**



**Hewlett Packard® financial calculator**

**HP 12C.** If you had to use one word to describe this powerful financial analysis tool, it would be "friendly." First time users will quickly be solving for cash-flow, amortization schedules and much more. **RSU 11646056** . . . . . **99.99**



**Time computations**

**TimeMaster II.** For people who work with time calculations and billable hours: lawyers, advertising professionals, consultants, schedulers, broadcast production. Adds, subtracts, divides and multiplies directly in hours, minutes and seconds. **RSU 11653748** . . . . . **39.99**



**Hewlett Packard business calculator**

**HP 17BII.** In addition to standard financial functions, there are special analysis/forecasting functions. Scheduler alarm, clock, calendar. 6KB user memory. IR printer interface. **RSU 11646064** . . . . . **119.99**



**Construction calculator**

**Construction Master IV.** Easy-to-use construction functions make planning faster and much easier. Solve complicated problems like rise and pitch in seconds! Solve building problems directly in feet, inches and fractions down to 1/16". Make fast, accurate lumber estimates in board feet or dollars. **RSU 11388139** . . . . . **79.99**

**Accessories for the Zoomer PDA 25-3100**

Description	Cat. No.	Price
AC adapter	273-1664	<b>18.99</b>
Null modem cable	<b>RSU 10436384</b>	<b>24.99</b>
Deluxe stylus	<b>RSU 10436400</b>	<b>5.99</b>
Serial modem cable	<b>RSU 10436418</b>	<b>19.99</b>
Leather case	<b>RSU 10436434</b>	<b>24.99</b>
Serial-to-parallel converter for printer	<b>RSU 10436806</b>	<b>89.99</b>
1.8MB memory	<b>RSU 10436426</b>	<b>249.99</b>
2.6MB memory	<b>RSU 10445740</b>	<b>309.99</b>
5.2MB memory	<b>RSU 10445750</b>	<b>439.99</b>
10.6MB memory	<b>RSU 10445765</b>	<b>639.99</b>
20.09MB memory	<b>RSU 10445773</b>	<b>793.99</b>





## Connectivity helps you get more use out of information!

The Caller ID feature in some of our organizers gives you much, much more information than is provided by a Caller ID device alone.



### 128K organizer with dialer, Caller ID and Pager Forwarding

**EC-382.** Making or taking a call, you can have a screenful of information about the person you'll be talking to—before you even pick up your phone's handset! Directory stores up to 2,000 names, recalls entries with easy-to-use Search function. Locate a name, then just touch a button to dial the phone number. Not going to be home? That's okay—the EC-382 automatically forwards unanswered calls to your pager. Has monthly calendar, calculator, "To-Do" lists, currency converter, speed-dial list. Built-in IR link for sharing files with another EC-382 directory. Requires 2 "AA" batteries. (TSP) **65-842** ..... **149.99**



### 128K pocket organizer with Pager ID and confidential data file

**EC-377.** A must for pager users. Enter the number displayed on your pager; if it's stored in the directory, the organizer displays the caller's file. Stores up to 2,000 expanded-entry records, searches by name or company name. Confidential files are password protected. Scheduler alarm, clock with alarm, paperless calculator, month-at-a-view calendar. IR link for file sharing. Requires 2 "AAA" batteries. (TSP) **65-877** ..... **99.99**



### 64K pocket phone directory

**EC-339.** A great traveling companion! 64K memory stores up to 1,000 expanded records. Large LCD displays 6 lines and scrolls vertically, each record having room for 60 lines of information! Easy-to-use search function finds any record instantly. Four filing categories with data sharing between files—saves you from having to re-keyboard entries. IR transmitter/receiver shares data with other compatible directories or add an optional interface and link to your PC. (TSP) **65-939** ..... **89.99**

**PC Link.** Transfer information to and from your PC with this interface cable. Includes software on disks. With 3 1/2" disk. **RSU 10436855** ..... **39.99**



In our organizers with Pager ID, you can learn the name of the caller by just entering the calling number.

Some of our organizers freely share data with a PC through an optional interface



Today's electronic organizers are much more than simple storage devices. They've become communications centers with built-in Caller ID, Pager Forwarding, auto-dialers and sophisticated information managers.



### 12K organizer with Pager ID

**EC-385.** The easy way to know who is paging you. Enter the number displayed on your pager; if it's stored in the directory, the organizer displays the caller's name. Directory stores up to 200 names and numbers; recalls any name instantly with easy-to-use Search function. Each name has two phone memories, one for voice, one for fax. Scheduler alarm keeps you on time. Has 12-digit calculator, clock, calendar, currency conversion. Separate alphabetic and numeric keypads. (TSP) **65-884** ..... **34.99**



### 60K organizer with phone dialer, Caller ID and Pager Forwarding

**EC-383.** Phone information system provides a screenful of information about the person you will be talking to—before you even pick up your phone's handset. If the Caller ID number matches a phone number stored in the directory, the record for that person is displayed. Stores 800 expanded entries, recalls any name instantly. One-touch dialing of stored numbers. Forwards unanswered calls to your pager. Requires 2 "AA" alkaline batteries. (TSP) **65-843** ..... **69.99**



Available Oct. 1997

### New DAYRUNNER® planner and directory with Pager ID™

**EC-288.** Who's paging you? End the guesswork—enter the number appearing on your pager's display and, if the caller is stored in the directory's memory, the caller's name is instantly displayed. Recall any name in the directory instantly. Stores up to 75 names/numbers. Paper planner helps you organize your appointments. Scheduler alarm. Calculator, clock. **65-740** ..... **19.99**  
1998 calendar refills. **RSU 11935509** ..... **3.99**



### ROLODEX

### Executive planner/directory with Pager ID & scheduler alarm

**EC-391.** The perfect planner/directory if you carry a pager! Enter the number on your pager's display and, if the caller is stored in the directory's 48K memory, the caller's name is instantly displayed. Electronic monthly calendar, currency converter. Weekly paper calendar/planner helps you organize your appointments, memos, notes and To-Do lists. (TSP) **65-722** ..... **39.99**  
1998 calendar refills. **RSU 11935517** ..... **4.99**



### New Card-size organizer

**EC-287.** Directory alphabetically stores up to 50 names and phone numbers. Finds any name instantly with easy-to-use Search function. Scheduler alarm reminds you of appointments. 10-digit calculator, calendar, clock with alarm and currency converter. Comes with wallet case. *Avail Oct. 1997.* **65-739** ..... **11.99**



From "Voice-Powered Technology"

**New** Control this organizer/recorder using simple voice commands

**IQ Voice 6215.** What could be easier? Carry it with you to store personal and business information and to record voice memos. Provides up to 20 minutes total recording time. It remembers and reminds you of up to 200 appointments in your own voice. Record your schedule and any other information you want to remember, then play it back instantly anytime. Stores up to 640 phone numbers for 160 people. To recall a number, just say the person's name and the phone number is displayed. Set up and retrieve up to 200 voice files or memos and play back any recorded memo instantly by speaking a key word. Use to track business expenses in 12 categories (say "hotel", "taxi", "meals", etc. and the amount); expenses are tracked by category, with time and date stamp. Optional PC link lets you upload and download files between the 6215 Organizer and your computer. Backlit display. Requires 3 "AAA" batteries. (TSP) **65-716** ..... **99.99**



IQ Voice organizer/pager—the ultimate in convenience



Announces the paging caller's name in your voice



Voice control lets you safely do other things while using the organizer functions.

# Throw Away That Old Address Book

Keeping your phone directory in an electronic organizer is so much more convenient and reliable than using an ordinary paper organizer. Plus, many of our organizers include other features like a scheduler with alarm to keep you on time for appointments; some are even voice controlled. Using an electronic organizer is easy and automatic!

## Store and retrieve information using simple voice commands

**IQ Voice 5150.** Check your schedule for any day of the year by simply saying the date. Reminds you of appointments in your own voice. Stores up to 40 names for instant recall; just say the name, and the phone number is displayed instantly. Electronic memos and anniversary reminder. Clock and calendar. (TSP) **65-723** ..... **49.99**



### RadioShack has an organizer with the features you need at a price you want

Many of our organizers feature expanded entries. Expanded entries let you store complete records in a directory, not just a name and phone number. Each expanded-entry record stores a full

name, complete address, multiple phone and fax numbers, plus several lines for notes. Look for the asterisk (\*) in the column under Maximum Number of Names.

Model No.	Catalog No	Page No.	Spell Checker	Icon Menu	Phone Dialer	Pager ID	Caller ID	Maximum Number of Names	Memo Pad	Expenses—Account Manager	Sched. Alarm	Anniversary & Personal Reminders	Clock/Calendar	World Time	Currency Converter	Backlit Display	Interfaces to		Price
																	2nd Unit	PC	
EC-287	65-739	275						50					Clock		✓				11.99
EC-388	65-720	277						50							✓				12.99
EC-358	65-867	277						100	✓	✓	✓		Both		✓				19.99
EC-288	65-740	275					✓	75	✓		✓		Both						19.99
EC-252	65-744	277					✓	200	✓	✓	✓		Both		✓				27.99
EC-367	65-881	277	✓					50											29.99
EC-289	65-741	277					✓	75			✓	✓	Both						29.99
EC-291	65-743	277					✓	200	✓		✓		Both	✓					34.99
EC-385	65-884	275					✓	200			✓		Both		✓				34.99
EC-396	65-726	277					✓	200*	✓		✓		Both	✓		✓			34.99
EC-389	65-721	277			✓		✓	100											34.99
EC-391	65-722	275					✓	750*			✓		Both		✓				39.99
EC-394	65-729	277		✓			✓	500	✓		✓	✓	Both	✓	✓		✓		39.99
5150	65-723	276		✓			✓	40	✓		✓	✓	Both						49.99
EC-399	65-730	277		✓			✓	1,000*	✓		✓	✓	Both	✓	✓		✓		49.99
EC-383	65-843	275			✓		✓	800*	✓		✓		Both						69.99
EC-370	65-883	277	✓	✓				500	✓		✓		Both	✓					79.99
EC-397	65-727	277		✓	✓			1,000*	✓	✓	✓		Both	✓		✓	✓		79.99
EC-339	65-939	275						1,000*	✓				Calendar		✓		✓	✓	89.99
EC-377	65-877	275		✓			✓	2,000*	✓		✓	✓	Both				✓		99.99
6215	65-716	276						160	✓	✓	✓	✓	Both			✓		✓	99.99
OZ630	65-746	273		✓				3,200	✓	✓	✓	✓	Both	✓	✓	✓	✓	✓	119.99
EC-382	65-842	275			✓		✓	2,000*	✓		✓		Calendar				✓		149.99
Siena	65-736	272	✓	✓				4,000*	✓		✓	✓	Both	✓	✓	✓	✓	✓	199.99
OZ650	65-747	273		✓				13,600*	✓	✓	✓	✓	Both	✓	✓	✓	✓	✓	219.99
SE-500	65-745	273		✓				4,300	✓	✓	✓	✓	Both			✓	✓	✓	329.99

Items with an RSU number are available for fast shipment direct to your door from Radio Shack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4

† Requires link software, sold separately through RadioShack Unlimited



**New Organizer with Pager ID and phone dialer**

**EC-252.** Who's paging you? Enter the number that appears on your pager's display; if it's stored in memory, the organizer displays the caller's name. 12K organizer stores up to 200 names/numbers. Three-line display has room to show name and two phone numbers. To dial any number, select the name, hold near the phone's earpiece and touch a button. Scheduler with alarm keeps you on time for appointments. Handy numeric keypad. Has 12-digit calculator, count up/down timer, memo, clock/calendar, account manager and 3-currency converter. Auto power off saves batteries. **65-744 . . . . . 27.99**

Available Nov. 30, 1997

**Organize Your Phone Book and Schedule Your Time the Easy Way . . . Electronically**



**Directory with time calculations, metric/currency converters**

**EC-388.** Handy card-size directory includes 10-digit calculator, metric/currency converters, plus a function for doing time calculations directly in hours, minutes and seconds. Alphabetically stores 55 names/phone numbers. **65-720 . . . 12.99**



**New Organizer with Bookmark stores e-mail and Website addresses**

**EC-291.** Everything from the QWERTY keyboard that's laid out like a PC's (it even has a numeric keypad), to the snazzy world-time clock, this organizer is designed to please Net surfers. Stores up to 400 names/numbers. Scheduler with alarm stores up to 200 appointments/reminders. Pager ID, clock/calendar, memo, calculator, metric conversions. (TSP) **65-743 . . . . . 34.99**

Available Nov. 30, 1997



**New Organizer with icon menu and Pager ID**

**EC-399.** As easy to use as your PC. The screen displays icons of the functions—just select the one you want and press enter. Pager ID function gives you the name of the person who's paging you—just enter the number on the display of your pager; if it's stored in the organizer's 64K memory, the name of the caller appears. Copy function saves re-keyboarding when copying a name to the Pager ID or the Schedule List. Monthly calendar with schedule-item mark indicators. (TSP) **65-730 . . . . . 49.99**



**Organizer with clock & calendar**

**EC-358.** Stores up to 100 names and numbers. Recalls names instantly with Search or by scrolling. Scheduler with alarm. Six memories for storing bank/credit-card balances. Currency converter. **65-867 . . . . . 19.99**



**New Directory with adjustable rate autodialer**

**EC-389.** Find any entry instantly with Search function; then just hold the organizer up to the phone's handset and push the autodial button to dial the number. For phones that are slow to accept dialing tones, there is a button on the organizer that slows down the dialing sequence. Stores up to two phone numbers with each name, a total of up to 100 names/numbers. Built-in 10-digit calculator. (TSP) **65-721 . . . . . 34.99**



**66K organizer with icon menu, backlit display**

**EC-397.** You can read the display in any light, even in total darkness. Operation with the icon menu couldn't be simpler. Stores up to 1000 names, addresses, phone numbers. To dial any number, simply select the name, hold near the phone's earpiece and touch a button. Clock/calendar, scheduler. IR transmitter provides wireless link between two EC-397 organizers for file sharing. (TSP) **65-727 . . . . . 79.99**



**New DAYRUNNER® organizer with Pager ID™**

**EC-289.** When a number appears in your pager's display, enter it in the organizer; if the number is stored in memory, the organizer displays the caller's name. Stores up to 75 names. Scheduler alarm. Paper planner. Calculator, clock. (TSP) **65-741 . . . . . 29.99**

Available Oct. 30, 1997



**New 32K organizer with icon menu and Pager ID**

**EC-394.** Couldn't be easier to use. Select the symbol of the function you want and press Enter. Search function finds names and phone numbers instantly, using the first few letters of a name or the last four digits of the number displayed on your pager. Stores up to 500 names/numbers. (TSP) **65-729 . . . . . 39.99**



**32K organizer with thesaurus**

**EC-370.** An easy-to-use, icon-operated organizer and much more. Stores and instantly recalls up to 500 names. You'll soon be wondering how you ever did without the handy built-in thesaurus and phonetic spell checker. Enter a word the way it sounds, and get back the corrected spelling and a list of synonyms instantly. (TSP) **65-883 . . . . . 79.99**  
**EC-367 Organizer/spell checker.** Stores up to 50 names. 80,000-word spell checker. **65-881 . . . . . 29.99**



**Organizer with backlit display**

**EC-396.** Easy to read in any light—or no light at all. Stores 200 names, addresses and phone numbers. Scheduler alarm keeps you on time for appointments. Metric conversions for temperature, weight, length and volume. Electronic memo, to-do list, home/world time, 10-digit calculator. (TSP) **65-726 . . . . . 34.99**



## Listening to Teacher Input is Part of Casio's Commitment...



### New 3-color display makes complex math and graphing concepts easier to understand

**Casio CFX-9850Plus.** Graphs can be shown in different colors, and inequalities are automatically shaded for better understanding. The icon menu makes it easy to find the functions you need. The keyboard is simpler and less cluttered, so the many features of this powerful scientific calculator do not become overwhelming. List-based statistics let students draw multiple regression curves over the same scatter plot to find the best fit.

This year's model adds powerful business and financial functions, plus advanced statistical functions including 9 hypothesis testing features and 6 confidence interval functions. A CONICS feature draws and analyzes standard conic sections (ellipses, hyperbolas, circles and parabolas). Students can trace along the curve or solve to find points and values of interest like foci, asymptotes, directrix, tangent, slope and more. Using the Background feature, students can compare conics with the graphs of functions drawn in other modes. Requires 4 "AAA" batteries. (TSP) 65-811 ..... 99.99  
PC interface. Available by fast special-order for shipment direct to your door from RadioShack Unlimited.

### Casio's commitment to education is clearly evident in its line of scientific calculators

*The influence of classroom math teachers is seen in the simpler, less cluttered keyboards, in the color graphing calculator, in the wireless remote control of the overhead projector unit, in the "true fraction" display and in the Casio data analysis device. Throughout the whole line, emphasis has been placed on making teaching tools, tightly focused on teaching the math concepts.*

*But as an active member of professional educators' organizations, NCTM and NSTA, Casio goes far beyond simply building better calculators. Through their Classroom Support program they help the classroom teacher and student get the most out of their calculators. Casio offers calculator workshops to teachers, and there is a loaner program that lets teachers "test drive" a number of their popular classroom calculators.*

*Many of Casio's educational models of calculators have corresponding overhead projectable models for teachers to use in leading their class.*

*A majority of their educational calculators are offered in teacher packs of ten or classroom sets of thirty. Many are accompanied by useful Teacher Resource/Activity books.*

*For more information call Casio's Teacher Hotline: (1-800-582-2763)*

### Glossary of Terms

**List-Based Statistics**—The data items used in certain statistical operations are presented in a list format, so the user can view more than one item at a time. Lists can be sorted, and new lists can be created by performing operations on the original ones.

**Mantissa/Exponent**—Scientific notation used to display very large and very small numbers. Long numbers are split into two parts. The mantissa portion holds significant digits, the exponent portion tells you how many places to move the decimal. For example, 25,863,200,000,000 would be shortened to  $2.58632 \times 10^{13}$  in scientific notation. 2.58632 is the mantissa, 13 the exponent.



### Powerful graphing calc for intermediate grades

**Casio FX-7400G.** Designed with the precalculus student in mind. The keyboard is simpler—advanced functions have been moved to icon selection on the screen. The display is over 10% larger; letters and numbers are easier to read, making graphs look smoother and text easier to read. Math functions for intermediate grades are emphasized—enhanced fraction operations, basic algebraic and trig functions. Also includes statistics. 8K memory. 9-digit mantissa, 2-digit exponent. Requires 2 "AAA" batteries. (TSP) 65-809 ..... 49.99



### Scientific calc shows fractions as they appear in textbooks

**Casio FX-65.** Fractions are displayed in fractional format with the numerator above the denominator. Students work directly with the format they're used to writing and seeing in texts, so it's easier for them to concentrate on the mathematical

concepts involved. Extended fraction operations include mixed/improper fractions, integer division showing quotient and remainder. Pi value is displayed symbolically as  $\pi$  in fractions. Scientific functions include trig functions and one-variable statistics. 65-530 ..... 19.99



### Entry-level scientific calc with fractions

**Casio FX-280.** Students enter and work with fractions in traditional calculator format. Operations include working with mixed and improper fractions. Color-coded keyboard assists students in learning the fundamentals of calculator operation. Simple, uncluttered keyboard.

Trig, single-variable statistics with standard deviation. Dual-powered. 65-823 ..... 14.99





### Math power of a PC in a graphing calc

**Texas Instruments TI-92.** TI spent hundreds of hours listening to classroom math teachers, and this calculator is the result! Symbolic manipulation in algebra and calculus provides an educational tool that was previously only found in a computer lab with appropriate software. Special features include “pretty printing” with mathematical expressions appearing as they are written on the board or in text books, user-defined functions that extend and enhance built-in functionality, split screens with high-resolution display (240 by 128 pixels) being divided into right/left or top/bottom splits. Geometry features let students build constructions interactively with points, lines, triangles, polygons and arcs. 3-D surface plots display the graph in either wire frame or hidden surface style. Number and size of programs are limited only by the 70K of user memory. **RSU 11645728** . . . . . **229.99**



### Big-digit student scientific calc

**EC-4038.** Handles trig, one-variable statistics, complex numbers and base-*n* math. Attractive decorator colors in a protective hard case. 8-digit mantissa, 2-digit exponent. **65-818** . . . . . **13.99**



### Powerful graphing calculator for calculus, advanced math, science and engineering

**Texas Instruments TI-85.** Equation-solving capabilities allow solving for any variable in an equation, solving 30 simultaneous equations, and finding roots of a polynomial up to 30th order. Calculus problems solved both numerically and graphically—first and second derivatives, integrals, minimums, maximums, and inflection points. Statistics mode boasts 7 regression models. An unlimited number of data points can be entered, analyzed and plotted. Handles real and complex numbers, vectors, lists, and matrices up to 30x30. **RSU 10451466** . . . . . **139.99**



### Scientific with fractions

**Texas Instruments TI-30X.** Student scientific calculator does fraction calculations without converting the numbers to decimal form first. Has trig and 1-variable statistics. Polar/rectangular conversions. Protective slide case. **65-814** . . . . . **14.99**



### Powerful RPN 3-D graphic calculator

**Hewlett Packard HP 48G.** Now the power of 3-D graphing, charts, and lists are features in an RPN graphic calculator. You both view and *enter* equations just the way they appear in text books. Use the pre-created forms to enter data, minimizing keystrokes. Includes a library of 300 standard scientific and engineering equations that you can see symbolically on the screen. Object-oriented programming for creating applications. **RSU 11646049** . . . . . **134.99**



### Graphing scientific with financial features

**Texas Instruments TI-83.** Useful for more classes and more students—packed with features students need for algebra through calculus, plus statistics and finance. Includes time-value of money, cash flows, amortization. Advanced statistics include hypothesis testing, computing confidence levels. Interactive editor to solve Time/Value/Money problems. **RSU 11645736** . . . . . **119.99**

**Hewlett Packard HP 38G.** Powerful high-end graphing calculator, yet easy to operate for high school students. Access all functions through easy-to-read menus—no more complicated keystroke memorization. Enter expressions in simple, algebraic notation just like equations written on paper. Split screen. IR transmitter/receiver lets you exchange data with another HP-38G. **RSU 11646031** . . . . . **114.99**

**Texas Instruments TI-82.** Graphing calculator with easy-to-use pull-down menus. Interactive graphing tools for function roots, max, min, derivatives, integrals. Comes with link cable to share data with another TI-82. **RSU 10451458** . . . . . **109.99**  
**Texas Instruments TI-80.** Graphing calculator for middle school—prealgebra and algebra. Advanced functions have been moved to pull-down menus, leaving a simpler, uncluttered keyboard. Trig, statistics. **RSU 11499779** . . . . . **69.99**

## RadioShack is your calculator store—scientific calculators for every need and every budget

Model No.	Cat. No.	Memory	Graphing	Pretty Printing	Geometric Capability	Calculus Int.	Mantissa Exponent Dif.	Complex Numbers	Fraction Calculations	Regression Analysis	Variable Statistics	Lists No. Size	Split Screen	Symbolic Calculations	Data Link to Unit	Data Link to PC	Price
EC-4038	65-818	1 memory					8/2	✓			1						13.99
FX-280	65-823	1 memory					10/2				1						14.99
TI-30X	65-814	3 memories					10/2		✓		1						14.99
FX-65	65-530	1 memory					10/2		✓		1						19.99
FX-7400G	65-809	8K RAM	✓				9/2		✓	✓	2	6/99					49.99
TI-80	<b>RSU 11499779</b>	7K RAM	✓			✓	10/2		✓	✓	2	6/99					69.99
CFX-9850+	65-811	32K RAM	color		✓	✓	10/2	✓	✓	✓	2	36/255			✓	✓†	99.99
TI-82	<b>RSU 10451458</b>	32K RAM	✓			✓	10/2		✓	✓	2	6/99			✓	✓†	109.99
HP 38G	<b>RSU 11648031</b>	32K RAM	✓	✓			12/3	✓	✓	✓	2	Unlimited	✓		✓	✓†	114.99
TI-83	<b>RSU 11645736</b>	32K RAM	✓			✓	10/2	✓	✓	✓	2	Unlimited	✓		✓	✓†	119.99
HP 48G	<b>RSU 11646049</b>	32K RAM	✓	✓	✓	✓	12/3	✓	✓	✓	2	Unlimited		✓	✓	✓†	134.99
TI-85	<b>RSU 10451466</b>	32K RAM	✓			✓	12/3	✓	✓	✓	2	Unlimited			✓	✓†	139.99
TI-92	<b>RSU 11645728</b>	70K RAM	✓	✓	✓	✓	12/2	✓	✓	✓	2	Unlimited	✓	✓	✓	✓†	229.99

† Requires optional PC interface, available and sold separately through RadioShack Unlimited.



# We Have the Right Calculator for You

If you have questions about calculators, our knowledgeable staff can provide answers and take the mystery out of choosing the right calculator.



### New Folding calculator

**EC-284.** Protective case opens to large-digit display and keyboard. Memory, square root, percent keys. Dual powered\*. Available Oct. 1, 1997. **65-923** ..... **15.99**



### Extra-large digits

**EC-447.** Adjustatilt™ display with big LCD digits for the ultimate in your viewing comfort. Markup. Dual powered\*. **65-891†** ..... **11.99**



### Folding soft-case

**EC-211.** Business card size when it's closed. Opens to a full-sized LCD display and keyboard. Dual powered\*. **65-567** ..... **10.99**



### New Pocket calculator

**EC-280.** Big, easy-to-read digits. Square root, sign change, markup and percent keys. Auto constant. 3-key memory. Dual powered\*. Available Oct. 1, 1997. **65-922†** ..... **10.99**



### Jumbo digit pocket calc

**EC-458.** Big digits are easy to read. 3-key memory. Square-root, sign-change and percent keys. Dual powered\*. Auto power-off. **65-899†** ..... **9.99**



### New Compact, big display

**EC-279.** Really small for comfortable carrying in pocket. 3-key memory, square root and percent keys. Auto power off. Dual powered\*. Available Oct. 1, 1997. **65-921†** ..... **9.99**



### Calc with tilt display

**EC-455.** Angled display avoids glare from overhead lighting. Sign-change, markup, percent, and square-root keys. Dual powered\*. **65-897** ..... **8.99**



### New Compact, large digits

**EC-285.** Pocket-size calc features square root, percent, sign change keys. Double-size "+" key. Markup function. Dual-powered\*. **65-924†** ..... **6.99**

## Desktop models



Adjustatilt™ display

### Big 12-digit LCD display

**EC-2032.** Takes up less space in a briefcase than many magazines—a mere 1/16" thin. Adjustable display tilts forward for easy viewing; lets you avoid screen glare from overhead lighting. Backspace key deletes the last number key pressed. Four memory keys, markup function, grand-total key. Percent, square root, sign-change keys. Dual powered\*. (TSP) **65-591** . . . **24.99**



### New Big 10-digit tilt display

**EC-2036.** The extra-large digits and tilt display make this calculator easy on your eyes. Has percent, square root, sign change keys. 4-key memory. Auto power off saves battery. Dual power\* so it's ready when you are. Stylish design looks great on any desk. **65-593** ..... **14.99**



### Big-digit desktop calculator

**EC-2031.** Large, easy-to-read display tilts forward to avoid glare from overhead lights. Features a widely-spaced keyboard for comfortable operation. Dual power\*. Requires "AA" battery. **65-590** ..... **12.99**

## Printing calcs



### New High-speed 2-color printing

**EC-3034.** Prints at 2.7 lines per second. 12-digit display. Print/non-print control, last digit correction. "00" key, auto 3-digit commas, large "+" key. 4-key memory. Requires "AA" battery or AC adapter #273-1664. (TSP) **65-757** ..... **49.99**



### New 10-digit handheld calc

**EC-3033.** Keep a record of your calculations. Has memory and percent keys. Printing/non-printing switch. Auto 3-digit commas. Simple 2-way paper roll installation. Requires 4

"AA" batteries. (TSP) Available Oct. 1, 1997. **65-756** ..... **24.99**



### Handheld printing calc

**EC-3031.** Fits into a briefcase or travel bag for folks on the go. Has all the standard "10-key" functions. Impact printer uses the popular 2 1/4" size paper roll. Paper feeds from internal compartment or a convenient fold-out roll holder. Requires 4 "AA" batteries or AC adapter #273-1664. (TSP) **65-754** ..... **29.99**

### Stylish cordless printing calc

**EC-3027.** Full-sized keyboard in a battery-powered desktop size. Large, easy-to-read LCD digits, reference number printing, and "00" key. Requires 4 "AA" batteries or AC adapter #273-1454. (TSP) **65-974** ..... **39.99**

### Plain printing calculator paper

Size	Use With	Cat. No.	3-Pack
2 1/4"	65-751/752/753/754/952/954/957/958/959/965/966/967/968/969/970	65-710	2.49
2 1/4"	65-754/945/957/956	65-715	2.99
1 1/2"	65-666	RSU 10457109	2.49
1 1/2"	65-951/953/955	RSU 10457117	2.99





### Handy mouse pad with full-function calculator

**EC-459.** Now you don't have to leave an application in order to perform incidental calculations. Has 3-key memory, markup, percent, square-root and sign-change keys. Automatically switches from solar to battery power in dim light. Display is tilted forward for easy viewing. Mouse pad provides excellent tracking surface for improved mouse operation.

**65-568**..... **15.99**

### New Calc with alarm clock & calendar

**EC-217.** Combines three really convenient functions in a compact case small enough to fit in a shirt pocket. Full-function calculator. Easy-to-set alarm. Date and time are displayed digitally. Monthly view of 200-year calendar. Folding case.



**65-533**..... **19.99**



### Accurate electronic checkbook balancing

**EC-455.** Couldn't be easier to keep accurate records of your checking account. Just enter your deposit and checking transactions as they occur. Memory stores your bank balance, even when off. The billfold case holds your check register, pen, checks and credit cards. Automatically switches from solar to battery power in dim light.

**65-569**..... **15.99**



### Touch-screen calc

**EC-214.** There's just the LCD display and case—no mechanical buttons or switches to deal with. The display alternates between calculator and clock modes with a touch. Stores tax and tip rates in special memory.

**65-572**..... **12.49**



### Metric conversion

**EC-352.** Just press a couple of keys to change a metric measurement to U.S. units or vice versa. 20 built-in functions to convert weight, volume, distance and temperature. Big, easy-to-read display. Sign-change key, 3-key memory. Dual powered, switches to battery in dim light.

**65-828†**..... **15.99**



### Building-trades calculator

**EC-398.** Add, subtract, multiply, and divide fractions without having to convert to decimals first. Works directly with fractions in 1/2, 1/4, 1/8 and 1/16th inch parts. Built-in triangle functions let you push a single button to find diagonals for squaring up; to find rise, run and slope; or to compute brick-and-block coursing. The functions are useful in all major building trades—even some to help in figuring job estimates. Comes with comprehensive manual with many real-life examples.

**65-531**..... **34.99**



### Business calculator

**EC-5001.** Built-in formulas for cash flow, interest rates, amortization tables, investments, margin and more. Single and paired-variable statistics. Last-digit correction. Manual includes step-by-step instructions and many real-life sample problems. (TSP)

**65-874†**..... **34.99**



### Credit-card size calculator

**EC-452.** Full-function calculator slips easily into wallet or purse with your credit cards—a mere 3 3/8 x 2 1/8 x 1/8". Touch-sensitive keys are protected from dirt and humidity by a "film-face". Solar powered. Comes with carry pouch.

**65-894**..... **7.99**

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Why shop anywhere else? You're virtually sure to find the one you need at RadioShack.

### Students' calculators

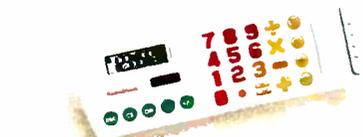
RadioShack has a large selection of educational calculators and electronic reference books for students in all grade levels.

### Math tutor calculator



**EC-2033.** Displays problems in the same format students see in their textbooks and classrooms, making arithmetic easier to understand. Generates quizzes to strengthen math skills. Keys are color-coded to help young scholars distinguish between keys for numbers and keys for functions. Stores 5 emergency and home phone numbers. Requires 2 "AAA" batteries.

**65-528**..... **24.99**



### Dual-powered kids' calculator/pencil box

**EC-457.** Number keys and function keys are raised and color-coded to make it easy for young scholars to distinguish between them. Box has ample room for pencils, sharpener, and eraser (not included).

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**Casio FX-65.** Fractions are displayed with numerator above denominator. Students work directly with the format they are used to seeing in texts, so it's easier for them to learn underlying math concepts. Mixed/improper fractions. Integer division shows quotient and remainder. Scientific functions.

**65-530**..... **19.99**



### Fun Calc™ back to school kit

**EC-454.** Calculator has keys that are just right for little fingers. Includes the supplies a youngster needs for school—dinosaur eraser, happy frog pencil, pencil sharpener, plus a ruler with stencil guides for drawing fun shapes. Sturdy plastic case. Dual powered.\*

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\*Dual powered—calculator operates on solar power, automatically switches to battery power in dim light. †Comes with billfold case



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EXPANDABLE ELECTRONIC BOOK



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**KJB-440.** Small enough to fit in a pocket, yet it contains the complete text of Old and New Testaments. Has full concordance with a powerful Search function that finds scripture at computer speeds. Type in the word or phrase you're looking for and touch a button—in seconds the verse appears. Also looks up scripture with words having the same or similar meaning. Plus, by inserting a Bookman cartridge in the back, you can have another complete book available—your Bible becomes a reader for other Franklin electronic books. (TSP)

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**Merriam-Webster Dictionary and Thesaurus MWD-2001.** 274,000 definitions, 496,000 synonyms. **RSU 11385325** ..... 34.99

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Available Oct. 30, 1997



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**Language Master LM-6000.** Same as above but without Special Needs features. **RSU 10287704** ..... 229.99

**Amazing Digital Book System**



**Digital Book System DBS-2.** Put a library in your pocket! Has two slots that let you add tiny matchbox-sized cartridges. Each cartridge contains up to 200 megabytes of information—the print equivalent of 20 Bibles! An amazing search and retrieval technology gives you the ability to access the information you need quickly. Provides searching, scanning and spell-checking. It even allows cross-referencing between two appropriate Digital Books. Five-line screen, plus lots more. **RSU 11269206** ..... 149.99

**Digital Book cartridges**

(For the DBS-2 system above.)

**Merriam-Webster Dictionary and Thesaurus IC-101.** 274,000 definitions, 500,000 synonyms. **RSU 10279941** ..... 34.99

**Video Companion IC-102.** Lists 6,700 movies on video. **RSU 10274587** ..... 39.99

**The Medical Letter® Handbook of Adverse Drug Interactions IC-168.** Search by drug or brand. **RSU 11911021** ..... 49.99

**Harriet Lane Handbook IC-141.** Development issues. Pediatric usage/dosage. **RSU 11527488** ..... 99.99

**Harrison's Principles of Internal Medicine Companion Handbook IC-152.** Diagnoses and treatment of disorders. **RSU 10279909** ..... 99.99

**Washington University Manual of Medical Therapeutics IC-161.** Review treatment for illness. Identifies actions to be taken by doctors, based on patient's condition. **RSU 10279867** ..... 89.99

**Pocket PDR™ (Physician's Desk Reference®) IC-167.** **RSU 11911013** ..... 129.99



**RadioShack Unlimited**

**Smith Corona® word processors and supplies**

Enjoy PC power at a fraction of PC cost! Perfect for home or business. See our RadioShack Unlimited in-store display for more models and model applications.



**Large, 16-character display with dictionary**

**Smith Corona® Display 900 Typewriter.** Edit text on display before printing on 16-character display. Easy-view display helps you make corrections. Spell-Right® alerts you to misspellings, while List feature shows you the correction and places it in your text. Daisywheel printing for letter quality documents. **RSU 11636214** ..... 129.99

**Office 2000.** Desktop typewriter with large 2 line by 40 character display for easy editing, 24,000-character memory, 90,000-word dictionary. **RSU 11437225** (not shown), 169.99



**Correction system for flawless documents**

**Smith Corona® Memory Correct 600 Typewriter.** Keeps editing time short! "Autospell," corrects errors anywhere on current line automatically. WordEraser® erases word with a keystroke. Multi-language characters and symbols. Quality daisywheel printing. Correcting cassette and ribbon. **RSU 11636222** ..... 99.99

**Spellmate 700.** Sound shield reduces noise. Memory correction: 75,000-word Spell-Right® dictionary. Automated functions. **RSU 11437233** (not shown), 119.99



**Word processor with 720K drive & monitor**

**Smith Corona PWP 4200.** With 30% larger characters than many word processors. Converts for WordPerfect and Lotus 1-2-3 in Windows and DOS. Spreadsheet, personal card files, spell checker, thesaurus, and "Letters for All Occasions." **RSU 11644358** ..... 369.99

**Smith Corona PWP 5500.** 1.44MB drive. Includes a mouse! **RSU 11911740**, 399.99  
**StartRite kit.** Two ribbon cassettes, three 3.5" discs, 3 print wheels. **RSU 11437142**, 59.99

**Ribbon cassette.** **RSU 10455330** ... 9.99  
**Correction tape.** **RSU 10455348** ... 5.99



**Word processor with 8-line screen**

**Smith Corona PWP 2500.** Large, easy-to-read 8-line display. Full word-processing power with a robust 30,000-character RAM memory. Comes ready to run with pre-installed software: word processing 75,000-word Spell-Right® dictionary, Forms Layout, Personal Card File, and undo. **RSU 11636206** ..... 239.99

**Typing ribbon cassette.** **RSU 10455830** ..... 9.99  
**Correction tape.** **RSU 10455848** ..... 5.99



## We Have the Flashlights You Need

RadioShack stocks a big selection of top-quality, reliable flashlights for camping, travel, work or emergencies. We're sure we have several that meet your special requirements.

Real rubber case!



### New Industrial Lite with 2 "D" batteries

Shock-proof, waterproof rubber case. Krypton bulb is 100% brighter than regular bulbs. Push-bottom switch. 61-2529 ..... 8.99

Real rubber case!



### New Mini Industrial Lite includes 2 "AA" batteries

Rustproof, waterproof rubber case. Bright Krypton bulb. Push-bottom switch and focused lens for powerful beam. 61-2528 ..... 6.99



### 2-flashlight combo pack includes 4 "D" batteries

Excellent value! Contains two powerful twin "D"-cell flashlights plus the batteries to light them. Bright yellow cases for greater visibility, handy carry/hanging straps. 61-875 ..... 8.99



### Krypton flashlights with batteries

Includes "D"-cell flashlight for home or car and one 2-"AA"-cell flashlight for purse or pack, plus heavy-duty batteries for both. Krypton bulbs produce brighter, whiter light than ordinary bulbs.

61-880 ..... 11.99



### Adjustable pocket krypton light

Brighter light than regular pocket flashlights. Tough aluminum housing. Requires 2 "AA" batteries.

61-2736 ..... 10.99



### Compact flashlight

Unique design fits securely and comfortably in the palm of your hand. Ideal size for purse, pocket, glove compartment. Includes 2 "AA" batteries.

61-870 ..... 4.99



### Krypton focusing flashlight

Bright krypton beam adjusts from spotlight to floodlight. Requires 3 "D" batteries.

61-2541 ..... 6.79



### Rubberized "D"-cell flashlight

The rugged one! Features sure-grip surface, and is designed for heavy-duty use. Requires 2 "D" batteries. 61-855 ..... 7.99



Adjustable tilt head

### Automatic power-failure and emergency light

Plugs into AC outlet and lights up when AC fails. Also works as a rechargeable flashlight. Built-in storage compartment for first aid or other items.

61-2544 ..... 19.99



### Compact rechargeable flashlight

Power-failure flashlight plugs directly into AC outlet for charging. Lights automatically when AC power fails. Built-in charger, Ni-Cd batteries. 61-2545, 14.99



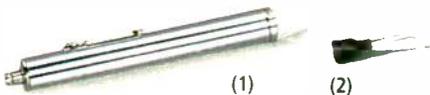
### New Mag-Lite®

Designed for those who demand more from a flashlight. Machine-tooled, sleek design with easy-grip handle. Flawless looks, performance. Uses 4 "C" batteries. 61-2527 ..... 22.99



### Krypton pocket ENERLITE

Elegant—solid brass case with black-matte finish. Super bright krypton bulb. Requires 2 "AAA" batteries. 61-2536 ..... 8.99



(1) (2)

### Durable pocket penlight

(1) A classic. Great for trouble-shooting or working on small projects. Pocket clip. Metal case. Requires 2 "AA" batteries. 61-2626 ..... 2.99

(2) Bend-a-Beam® adapter. Slips over penlight. Transparent tube lets you focus on hard-to-see areas. Ideal for electronic repairs. 61-2509 ..... 1.29



### Handy cliplight

Ideal when you need instant pinpoint light. Pocket clip. Disposable. Includes battery.

61-2625 ..... 2.49



### Pocket "AA" flashlight

Pocket/purse version of our rubberized 2-"D" above right. Handle is easy to grip. Rugged for heavy daily use. Requires 2 "AA" batteries. 61-865 ..... 5.99





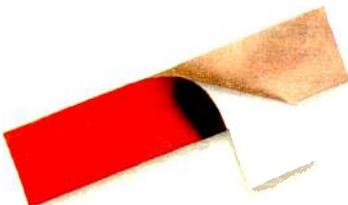
**Personal safety strobe**

Gives maximum visibility to joggers, walkers and cyclists at night. Ultrabright xenon flash straps on for use when you're on foot and can be seen for thousands of feet. It's also perfect for road emergencies—a weather-resistant case and magnetic base let you mount it on the roof or rear deck of a car in any weather. It will operate up to six hours on one alkaline battery. Includes detachable belt hook, wrist/arm strap. Requires "C" battery. **61-2506 . . . . . 19.99**



**Floating krypton lantern**

Gives you brighter, crisper white light from a lantern flashlight without paying a premium price. Its dependable, large beam makes it ideal for camping, home, car . . . and boats. Even loaded with battery, flashlight floats in the water. Extra-rugged for heavy use. Requires 6V lantern battery. **61-2521 . . . . . 5.99**



**New Reflective vinyl tape**

High-contrast tape increases daytime and nighttime visibility. Tape to bike, helmet or clothes to reflect light from passing cars while biking, jogging or working outside at night. 1" x 2-ft. roll. **64-2357 . . . . . 3.99**



**Light controller**

Photoelectric eye senses light and darkness, allowing it to automatically turn on at dusk and off at dawn. **61-2776 . . . . . 7.99**



**Multi-use lantern**

Choose from six modes of operation—spotlight with extra-bright krypton bulb, fluorescent lamp, red flashlight, dual warning flasher with alternating red and amber lights, fluorescent lamp and red light simultaneously or spotlight and red light. Uses batteries or plugs into car lighter socket. For household AC power outages, keep one handy for dependable portable lighting in any room. Lantern stands upright on its base so you can position the light where you need it—great for campouts. The bright fluorescent lamp casts a wide area of illumination for on-the-road emergencies. Built-in carry handle. Requires 6 "D" batteries or AC adapter #273-1662. **61-2743, 19.99**



Available Oct. 30, 1997

**Hands-free head light**

Automatically directs the light where you need it, yet keeps your hands free for working. Ideal for making car repairs, jogging at night, cleaning the attic, baiting a fishhook at night, and 1001 other jobs that need both hands. Includes an elastic headband that adjusts for a comfortable fit. Lightweight. Requires 4 "AA" batteries. **61-2518 . . . . . 5.99**



**Safety wand flashlight**

Ideal for directing traffic or for children to carry at night. Remove the highly visible cone for regular use. Requires 2 "D" batteries. **61-2516 . . . . . 3.99**



**Automatic night light twin pack**

Photocell activates light when room becomes dark, turns off automatically. **61-2727 . . . . . Pkg. of 2/4.99**

**Get the Light You Need**

RadioShack has a big variety of safety flashlights, multi-use lights and lighted magnifiers for study, plus fresh batteries to power them all.

**Keep your light shining**

RadioShack stocks most commonly used bulbs for flashlights, lamps and lanterns. Bring us your burned-out bulb and we'll quickly determine the right replacement for it.



**Krypton bulbs**

Dramatically brighter replacements for standard PR-type bulbs used in many flashlights. See our in-store selection on page 195.



**Incandescents**

We carry a large selection of bulb types and voltages, including threaded, flange, bayonet, wedge, and bi-pin bases.



**Fluorescents**

See us for replacements for camping and road emergency lanterns.



**100x lighted slide microscope**

Ideal for students, naturalists, hobbyists. Powerful 100x lens and 8x magnifier for excellent detail. Built-in light shines directly on object. Rotary focusing knob. Sturdy stand for upright viewing. Includes six specimen slides in protective carrying case. Requires 2 "AA" batteries. **63-853 . . . . . 12.99**



**30x microscope**

Projects concentrated light directly onto the object you want to view. Built-in 8x slide-out magnifier. Includes carry case. Requires 2 "AA" batteries. **63-851 . . . . . 9.99**



**Lighted magnifier**

What good is a magnifying glass if it's too dark to read? This one has a built-in light to make reading easier. Large 2 3/4" lens and 1" inset lens. Requires 2 "AA" batteries. **63-848 . . . . . 5.99**





Product developers and manufacturers know that they can design a specialty product and feel confident that RadioShack will carry a battery that will power their product.

**We sell millions every week, so they're always FRESH and strong when you buy them.**

Because we sell so many so quickly, you can be sure that each RadioShack battery you buy is ready to deliver peak performance. And all our Alkalines are date coded so that we can always keep the freshest in stock for optimum performance.

**At RadioShack, we cover your battery needs! We carry or can order practically every kind of battery available.**

- Computer
- Cordless phone
- Hearing aid
- Pager
- Camcorder
- Button cells

We offer a large supply of specialty batteries, such as those used in advanced medical equipment and police & fire emergency walkie-talkies. We can supply almost any currently produced specialty battery, and in many instances, we are the only retail electronics chain that does. And if we don't carry a battery that you need, just ask us. We'll find it for you.

**Our quality-assurance program ensures you the best.**

All batteries must pass through extensive quality testing before we're sure that you're getting the highest-quality battery possible. Manufacturers know that when their products use RadioShack batteries, they're sure to keep going strong for a long time. Consumers agree, rating our batteries among the very highest. And our Alkaline batteries carry the Good Housekeeping® Seal of Approval. When it comes to batteries, there's only one place to go.



**AMPERE (A)**—The unit for measuring electrical current. Often noted as milliamps (mA), thousandths of an ampere.

**AMPERE-HOURS (Ah)**—The measure of battery capacity. Ampere-hours equals current in amperes multiplied by time. The higher the number, the longer the battery will deliver useful power. Often noted as milliamp-hours (mAh), 1000ths of an ampere-hour.

**DC**—Direct current. Batteries produce direct-current electricity.

**ENERGY**—A battery uses chemicals to store energy. It converts this energy into useful electrical power when needed.

**LEAKAGE**—Over time, even "leak-proof" batteries can leak damaging chemicals. If you are not going to use equipment for some time, always remove the batteries.

**POLARITY**—Batteries have two terminals. One is positive (+). The other is negative (-). Always follow correct polarity (+ or -) when you install batteries.

**VOLT (V)**—The unit for measuring electrical pressure. A "D" size flashlight battery produces 1½ volts. Batteries are usually connected in series, which adds the voltages. For example, a radio that uses two "AA" batteries operates on 1½+1½ volts, or 3 volts DC (3VDC).

**QUESTION:**  
What are the different types of batteries and what are the advantages of each?



**ANSWER:**

**RadioShack Heavy-Duty zinc-chloride batteries** (page 291) offer long storage life, low cost and good performance. They're ideal for items you use only occasionally—flashlights, lanterns, portable radios, cassettes, walkie-talkies and toys.

**RadioShack Alkaline batteries** (page 289) deliver up to seven times the service life of standard batteries. They're an excellent choice for smoke alarms, battery backup systems, remotes, testers and high-current devices such as portable TVs, stereos, CB walkie-talkies, and RC toys.

**RadioShack Ni-Cd batteries** (pages 292-293) can be recharged and used over and over. Even though initial cost is higher, Ni-Cds are by far the most economical power source for portable devices you use often.

**RadioShack "button" batteries** (page 298) include Alkaline, Lithium, Silver Oxide and Zinc-Air types. These batteries pack a large amount of capacity into a small package. We stock button batteries for hearing aids, cameras, watches, alarm remotes, calculators, games and measuring instruments.





# FRESH Batteries Work Harder!

RadioShack sells *millions* of batteries every week. Our stock is constantly replenished so you can be sure that our batteries are always factory-fresh and strong when you buy them, ready to deliver peak performance.



## Our ENERCELL®-brand alkaline batteries have a double guarantee

These batteries are backed by the famous Good Housekeeping warranty and RadioShack's own guarantee of performance\*. High output at low temperatures, extra-long shelf-life and service-life are just a few of the advantages you get. They're great for smoke alarms, portable CD players, radios, walkie-talkies, scanners, flashlights and lots more.

\*You must be satisfied with RadioShack ENERCELL-brand alkaline batteries or return them with your receipt, within 30 days from date of purchase, for a one-time replacement or refund.

RadioShack	Replacement for			Cat. No.	Quantity Per Pack	Price Per Pack	Buy 3 Packs of the Same Cat. No., SAVE 10%
	Duracell	Eveready	Ray-O-Vac				
"AA"	MN1500	E91	815	23-557	2	1.79	1.61 Per Pack
"AA"	MN1500	E91	815	23-552	4	3.19	2.87 Per Pack
"N"	MN9100	E90	81C	23-023	2	1.79	1.61 Per Pack
"AAA"	MN2400	E92	824	23-555	2	1.79	1.61 Per Pack
"AAA"	MN2400	E92	824	23-558	4	3.19	2.87 Per Pack
"C"	MN1400	E93	814	23-551	2	2.79	2.51 Per Pack
"D"	MN1300	E95	813	23-550	2	2.79	2.51 Per Pack
9V Rectangular	MN1604	522	A-1604	23-553	1	2.39	2.15 Per Pack
"AAAA"	QUAD "A"	E96	—	23-559	2	2.79	2.51 Per Pack
"AA"	MN1500	E91	815	23-752	8	5.99	5.39 Per Pack

Multi-Packs RadioShack	Replacement for			Cat. No.	Quantity Per Pack	Price Per Pack	Buy 3 Packs of the Same Cat. No., SAVE 10%
	Duracell	Eveready	Ray-O-Vac				
"AA"	MN1500	E91	815	23-652	12	7.99	7.19 Per Pack
"AAA"	MN2400	E92	824	23-655	12	7.99	7.19 Per Pack
"C"	MN1400	E93	814	23-651	8	9.99	8.99 Per Pack
"D"	MN1300	E95	813	23-650	8	9.99	8.99 Per Pack
9V Rectangular	MN1604	522	A-1604	23-653	4	7.99	7.19 Per Pack



## Now... get alkaline longevity in a 6-volt lantern battery

The longest-lasting lantern battery you can buy. Super-long service life and storage life. Great for emergency lanterns. 23-560 ..... 10.99



### 9-range battery tester checks under load for high accuracy

Our best! Checks virtually all common batteries. 9 ranges: 1.5V (3 ranges), 3, 6, 9, 12, 15 and 22.5 volts. 22-090 ..... 14.99



### Battery checker is easy to read

A color-coded scale shows battery condition at a glance. Tests general-purpose, alkaline and charged Ni-Cds; "AA", "AAA", "C", "D", "N", and 9V rectangular sizes. 22-096 ..... 8.99



### Battery checker fits pocket or purse

Is your portable radio, CD or camera broken, or is it just weak batteries? You'll know for certain with this handy checker. Tests "AA", "AAA", "C", "D", "N" and 9V rectangular sizes. 22-093 ... 4.99

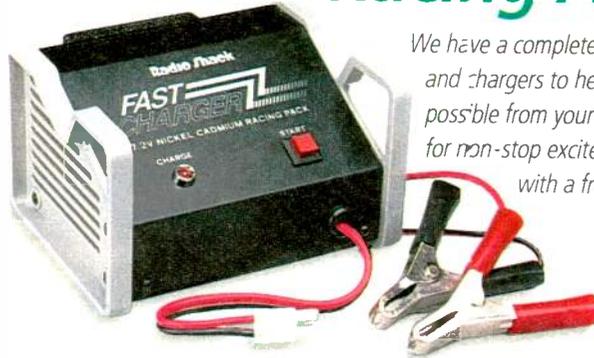


# Start Your Engines! Power Up Your RC Car for Fast-Paced Racing Action



## AC/DC fast charger

Dual-powered with overcharge protection! Uses 120VAC house current or 12VDC from car or truck battery to charge standard 7.2 or 8.4-volt remote-control car Ni-Cd battery pack in 30 minutes or less (40 minutes for Hi-Capacity). 23-235 ..... 69.99



*We have a complete line of Ni-Cd battery packs and chargers to help you get the best performance possible from your RC car. Buy two sets of batteries for non-stop excitement! Keep your car going with a fresh pack while another recharges.*

## 9.6V RC Pack & charger



### "Hotshot" 9.6V Ni-Cd turbo battery pack

Put extra zip in your RC equipment and leave the competition in your dust. Eight-cell short pack is rated 9.6V at 600mAh.

23-229 ..... 19.99



### 9.6V Ni-Cd Hi-Capacity battery pack

To be competitive on the track, you'd better have the most power. Runs vehicle up to 40% longer between charges. Eight-cell short pack is rated 9.6V at 900mAh.

23-329 ..... 24.99

## 9.6V charger

Use with #23-229 or #23-329, above, and other 9.6V packs. Recharges standard 9.6V battery pack in 14 hours, Hi-Capacity pack in 22 hours. Has Tamiya quick-connect.

23-240 ..... 9.99

## Portable DC fast charger

Quickly connects to 12VDC automotive battery. Recharges standard 7.2V RC Ni-Cd battery pack in just 20 minutes (30 minutes for Hi-Capacity) to get you back on the track. Protects against overcharging.

23-232 ..... 29.99

## 7.2 Volt RC Pack & charger



### Lightweight 7.2V racing battery pack

Get the most speed from your RC vehicles with this lightweight Ni-Cd battery pack. Six-battery pack weighs a mere 11.2 ounces!

1200mAh. 23-230 ..... 19.99



## AC battery pack charger

Recharges 7.2, 9.6, 4.8V Ni-Cd RC battery packs using home AC operation. Fully charges standard pack in one hour, Hi-capacity 7.2V/9.6V in 1½ to 2 hours. Overcharge protection prevents battery damage.

23-226 ..... 39.99

## 6V RC Pack & charger



### 7.2V Hi-Capacity battery pack

This Ni-Cd battery pack brings out the best. Six-battery pack. Weighs only 11.2 ounces. Runs vehicle up to 40% longer between charges.

1700mAh. 23-330 ..... 24.99

## 6V quick charger

Keep your RC ready to run. Fully charges your 6V RC nickel-cadmium battery pack in just 4 hours. Works on Tyco® and other RC model batteries. Plugs into standard AC outlet.

23-402 ..... 10.99



### 6V RC turbo racing pack

Top off your racer with high-performance power! Used in many Tyco® and other 6V RC cars. 600mAh.

23-228 ..... 14.99



Tyco is a registered trademark of Tyco Corp.

## Ni-Cd battery charger



## Ni-Cd charger

For remote-control racers and walkie-talkies that use 12 "AA" Ni-Cd batteries. Charges in 8-12 hours. Plugs right into charging jack so you don't even have to remove the batteries. Can be used in place of adapter #21-516. 23-249 ..... 6.99

## 7.2V charger

Use with #23-230 or #23-330 above, other 7.2V packs. Charges standard pack in 14 hours, Hi-Capacity pack in 18 hours. Charging indicator light.

23-241 ..... 9.99



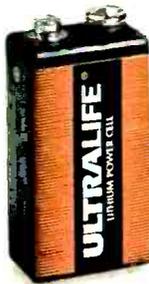


**RadioShack EXTRA-LIFE heavy-duty zinc-chloride batteries**

Why pay more? Each battery's special electrolyte core gives longer service life, plus up to three years of storage life. Perfect for flashlights, remotes, and more. You'll like the leak protection, too.

RadioShack	Replacement for		Cat. No.	Quantity	Price
	Eveready	Ray-O-Vac			
"AA"	1215	5AA	23-782	4	<b>1.99</b>
"AAA"	912	400	23-784	4	<b>1.99</b>
"C"	1235	4C	23-781	2	<b>1.49</b>
"D"	1250	6D	23-780	2	<b>1.49</b>
9V Rectangular	1222	D1604	23-783	1	<b>1.29</b>
6V Lantern	1209	944	23-016	1	<b>3.99</b>

**Lithium batteries**



**9V Lithium**

Use with confidence! Reliability and longer life between battery changes make this a must for important devices like smoke detectors, wireless alarm systems, even garage door openers. Outstanding performance in extreme temperatures.

23-665..... **6.99**



**Energizer® "AA" lithium**

High-energy battery outlasts alkaline with three times the performance. Perfect for high-drain devices like CD players, computers, cellular phones and cameras. Outstanding performance in extreme temperatures. Amazing 10-year shelf life. 23-664, Pkg. of 2/6.99

**ZIP Drive Battery**

**Rechargeable 4-hour battery—Use your Zip Drive on the go!**

Now you can use your Zip Drive with your portable notebook computer anytime, anywhere. With an Absolute™ Rechargeable Zip Drive Battery, you get up to 4 hours of reliable power in a compact and lightweight unit. You can easily snap the battery directly on to your drive for maximum convenience and portability. Use the included AC adapter to charge the battery whether you're using the drive or not. Fits: Iomega and Epson ZIP drives. 6V/1100mAh NiMH. **RSU 11894474..... 54.99**

Quickly attaches directly on to your Zip Drive for the ultimate in portability.

Provides reliable power for up to 4 hours of use. Access your stuff anytime, no more running around looking for a power outlet!



On/Off switch lets you conserve power when not in use.

LEDs provide information on low battery and charging status.



**RadioShack is your "hotline" to everything in batteries and battery packs—shop us first and save time**

Your nearby RadioShack store can supply virtually any consumer-type battery currently in production. Our comprehensive selection includes "communications" batteries used in police, fire and emergency walkie-talkies, special batteries for cordless phones, computer memory, camcorders, pagers, medical equipment, camera flash units, cellular phones, ride-on toys, tools, and many more. Whatever you need in a battery, we can probably get it for you through RadioShack Unlimited<sup>SM</sup>. We place your order on our "hotline" and your batteries are rushed directly to you (see page 4).





CHARGES IN 5 HOURS

**Universal Ni-Cd charger**

A great choice for charging batteries for electronic games and personal radios. Charging rate is precision regulated to prevent overcharging which can damage your batteries. Charges up to four "D", "C", "AA" or "AAA"-size batteries to full capacity in 5 hours, or two 9V batteries in 14 hours. Auto shut-off and reverse polarity protection. Charging indicators.

23-227 ..... 19.99



CHARGES IN 5 HOURS

**Universal quick charger**

Charges standard "D", "C", 9V, "AA", and "AAA" Ni-Cds in five hours. Also recharges our Hi-Capacity "D", "C" and "AA" Ni-Cds. Holds six batteries at a time (except 9V). 23-233 ..... 27.99



CHARGES IN 3 HOURS

**3-hour "AA" battery charger and conditioner**

Auto-discharges batteries before charging. This keeps your batteries fresh, so they deliver more power over a longer period of time. Automatic timer switches

charger off after three hours. Reverse polarity protection prevents damage to batteries. Charging and discharging indicator lights.

23-242 ..... 16.99



CHARGES IN 14 HOURS

**Overnight "AA" battery charger**

The economical choice for recharging batteries for personal portable accessories. Fully charges two or four "AA" nickel-cadmium batteries in about 14 hours. Plugs directly into a 120VAC wall outlet. Ideal for traveling. 23-133 ..... 6.99



CHARGES IN 7 HOURS

**"AA", "AAA", and 9V 7-hour quick charger**

Fully charges up to two 9V or four "AA" or "AAA" nickel-cadmium batteries in seven hours. Automatic regulation prevents battery overcharging. Reverse polarity protection prevents battery damage.

23-236 ..... 9.99



CHARGES IN 7 HOURS

**7-hour Ni-Cd conditioner and charger**

Conditions Ni-Cd batteries by completely discharging them before recharging—you can recharge to full capacity each time. Charges two or four "C", "D", "AA", or "AAA" Ni-Cds in seven hours, or two 9V batteries in 14 hours. Charging indicator lights. Reverse polarity protection. 23-243 ..... 21.99



CHARGES IN 14 HOURS

**Standard charger**

For 9V, "D", "C" and "AA" sizes, plus "AAA" and "N" batteries with the modules below. Recharges 2 pairs of different sizes at the same time (total of 4). Charge indicator light. 23-132 ..... 12.99



CHARGES IN 8 HOURS

**New 8-battery universal charger**

Charge five different types of standard Ni-Cd batteries—"AAA", "AA" and 9V in 4-10 hours or "C" and "D" in 8-9 hours. Insert a pair of batteries into each of the charger's four battery chambers to charge different types at once. Automatic Charging Current Selection chooses the best charging current for each battery size. Charging indicator lights. 23-247 ..... 24.99



CHARGES IN 7 HOURS

**Pocket "AAA" and "AA" quick charger**

Compact size slips easily into pocket or purse. Great for traveling—you can recharge batteries for cameras or personal electronics anywhere there's a 120VAC outlet. Fully recharges two or four "AA" or "AAA" Ni-Cd batteries in just seven hours. Automatic regulation prevents overcharging. Charging indicator lights.

23-246 ..... 12.99

**Ni-Cds Save You Money**

Even though Ni-Cd batteries cost more than regular batteries, they save you money in the long run. Here's one example: An independent study has shown that the total cost of using alkaline batteries in a headset radio operated two hours a day for three years is about \$633. The cost of using Ni-Cds instead—including the cost of the recharger and electricity—would be about \$26. That's a \$607 savings! What's more, Ni-Cds are friendlier to our environment. Using them in place of standard batteries produces much less waste.



**Standard rechargeable Ni-Cds**

Replace those old batteries with Ni-Cds and save money! Use this handy cross-reference to find the replacement batteries you need.

Size	Volts	mAh	Replacement for			Cat. No.	Price
			Duracell	Eveready	GE		
"D"	1.25	1400	NC13	CH50	GC3	23-123	2-Pk./6.99
"C"	1.25	1400	NC14	CH35	GC2	23-124	2-Pk./6.99
"AA"	1.25	600	NC15	CH15	GC1	23-325	4-Pk./9.99
"AAA"	1.25	600	NC15	CH15	GC1	23-125	2-Pk./5.49
"AAA"	1.25	180	NC24	CH12	—	23-127	2-Pk./5.99
"N"	1.25	180	—	—	—	23-121	2-Pk./5.39

Hi-Capacity™ BATTERIES last longer and play harder. Perfect for remote-control cars, video games, and portable stereo equipment. For batteries that play as hard as you do, use Hi-Capacity™—the extra edge. See page 297.

Hi-Capacity™ — The Extra Edge

The ideal choice for high-current equipment such as cordless tools, portable CDs, and tape players.

\*Charges with optional module "N". RSU 11286218; "AAA" - 23-135. Always follow local laws when disposing of any battery. Battery chargers are UL listed AC—batteries not included.

A big selection of special-purpose and hard-to-find batteries and chargers are available through RadioShack Unlimited with shipment direct to your door for only a small shipping charge.

## Get the Right Battery

What's the best battery choice for your camcorder? We've got rechargeables for all types of cameras.



**9.6V VHS**  
For RadioShack Models 101/125 and many others. 9.6 volts, 1500mAh. **23-186** ..... **39.99**



**12V camcorder/cellular phone**  
Sealed lead-acid battery pack for many camcorders and the CT-1033 (#17-1006), other cellular phones 2300mAh. **23-187** ..... **29.99**



**VHS camcorder**  
For RadioShack Model 100 MovieCorder and many other brands. 12 volts, 1500mAh. **23-183** ..... **39.99**



**12V VHS**  
Top-quality sealed lead-acid battery pack for camcorders. 12 volts, 2000mAh. **23-287** ..... **29.99**



**9.6V VHS-C**  
Fits JVC, Panasonic, Zenith, Minolta, Toshiba, and others. 9.6 volts, 1300mAh. **RSU 10045946** ..... **49.99**



**10V lead-acid**  
Sealed lead-acid battery for use with VHS camcorders. 10 volts, 2Ah. **RSU 10101913** ..... **54.99**



**New Power Pack for Sharp Viewcams**  
Fits most Sharp VLE models. Rechargeable 3.6 volts, nickel metal hydride, 2800mAh. **23-214** . **49.99**



**6V 8mm TriPak**  
For Sony Handycam, VHS-C Palmcorder and other models. 6 volts, 1500mAh. **23-215** ..... **29.99**



**12V camcorder**  
Dependable battery pack fits many VHS camcorders. 12 volts, 1.7Ah. **RSU 10101921** ..... **59.99**



**8mm high-capacity Ni-Cd pack**  
Extends shooting time between charges. 6 volts, 2000mAh. **23-216** ..... **39.99**

Check the huge in-store RadioShack Unlimited Cross Reference Guide for hundreds of camcorder models and battery types

## Battery testers and chargers



**VHS-C & 8mm battery tester**  
Don't get stuck with a dead camcorder battery when you're taping an important event. Easy-to-read meter shows how much power is left in your battery *before* you start shooting. **22-094** ..... **12.99**



**Deluxe charger**  
For charging 4.8, 6.0, 7.2 and 9.5-volt cellular, camcorder, notebook computer battery packs. Built-in polarity and temperature protection. Comes with AC and DC adapters. **23-250** ..... **49.99**



**New 8mm & VHS-C Ni-MH power pack**  
Fits most 8mm and VHS-C camcorders. 6 volts, 3000mAh. **23-316** ..... **59.99**



**8mm & VHS-C charger/conditioner**  
Discharges your rechargeable camcorder battery, then charges for the longest life possible. Works with both Nickel-Cadmium and Metal Hydride camcorder batteries. **23-248** ..... **44.99**



**8mm Ni-Cd**  
Fits Sony, Nikon, Ricoh, and others. 6 volts, 2600mAh. **RSU 10274074** ..... **59.99**



**VHS-C Ni-Cd**  
For use with many Panasonic, JVC, RCA, and Magnavox video cameras. 6 volts, 1600mAh. **RSU 10045961** ..... **29.99**

## Great new technology in batteries



**New 1-hour charger**  
Charges AA and AAA Ni-MH or Ni-Cd rechargeable cells and one 9V battery. Slide switch selectable. Charging time around 1 hour for Ni-Cd, around 1.7 hours for Ni-MH. **23-405** ..... **27.99**

Batteries not included



**New 5-hour charger**  
Charges AA and AAA Ni-MH or Ni-Cd rechargeable cells and one 9V battery. Slide switch selectable. Charging time around 5 hours for Ni-Cd, around 6-7 hours for Ni-MH. **23-406** ..... **16.99**

Batteries not included

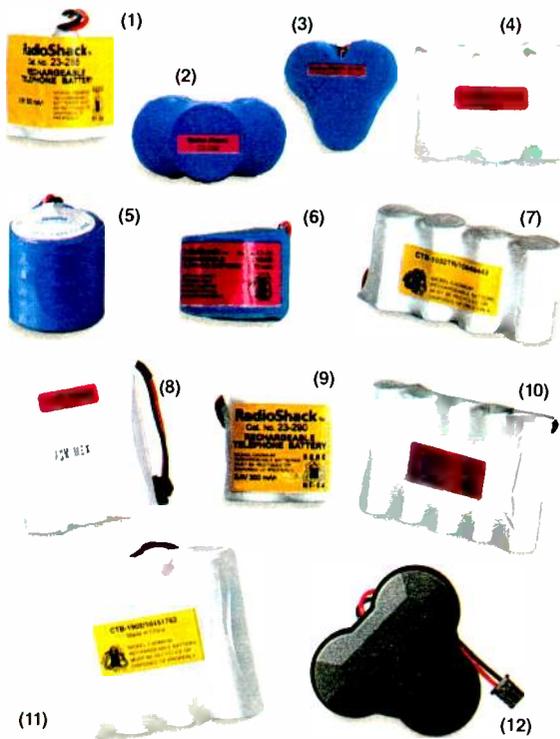


**Ni-MH batteries for increased capacity**  
New Nickel-Metal Hydride batteries (Ni-MH) feature the latest technology in rechargeable batteries for maximum capacity. They are environment friendly, mercury free, and available in three sizes.

Keys	Size	Volts	mAh	Cat. No.	Price
1	"AA"	1.2	1250	23-525	<b>Pkg./2 9.99</b>
2	"AAA"	1.2	550	23-527	<b>Pkg./2 9.99</b>
3	9V	8.4	130	23-526	<b>10.99</b>

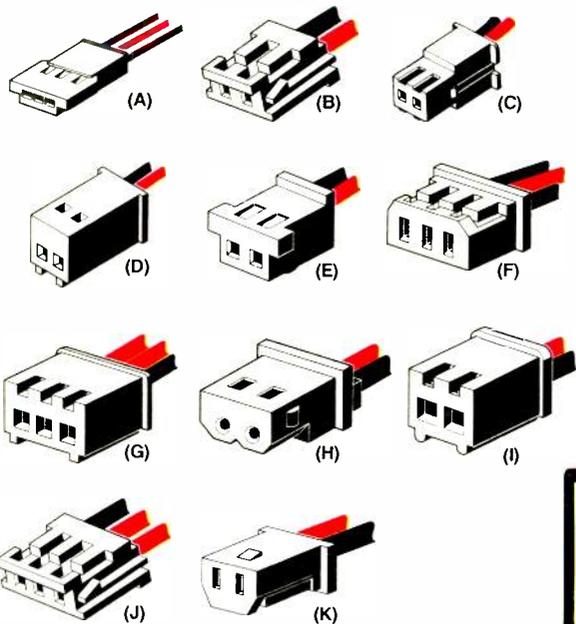


# We'll Keep You Talking



## How to choose the right battery for your cordless phone.

First, look at the photos above and select the right battery configuration. Next, look below and select the right connector. Be sure the black and red wires are in the same position. If you have any problems or questions, just call your local RadioShack.



## Cordless telephone replacement battery packs

Replace those tired cordless phone batteries with a fresh set of RadioShack rechargeables. Photos at the left show the type of connector plug used on each battery pack.

Fig.	Battery Type	Volts	mAh	Connector Figure	Catalog Number	Each
3	Ni-Cd	3.6	280	C	23-192	9.99
8	Ni-Cd	3.6	600	C	23-193	9.99
5	Ni-Cd	3.6	280	D	23-194	9.99
5	Ni-Cd	3.6	280	C	23-195	9.99
4	Ni-Cd	3.6	300	H	23-196	9.99
4	Ni-Cd	3.6	300	B	23-197	9.99
5	Ni-Cd	3.6	280	A	23-199	9.99
4	Ni-Cd	3.6	300	D	23-280	9.99
4	Ni-Cd	3.6	300	C	23-281	9.99
2	Ni-Cd	3.6	280	H	23-282	9.99
10	Ni-Cd	6.0	600	H	23-283	12.99
5	Ni-Cd	3.6	280	F	23-284	9.99
1	Ni-Cd	3.6	300	C	23-285	9.99
8	Ni-Cd	3.6	600	E	23-286	9.99
9	Ni-Cd	2.4	300	H	23-290	9.99
6	Ni-Cd	3.6	170	H	23-291	9.99
3	Ni-Cd	3.6	280	B	RSU 10049724	11.99
4	Ni-Cd	3.6	350	I	23-293	9.99
4	Ni-Cd	3.6	300	F	23-292	9.99
4	Ni-Cd	3.6	300	G	23-294	9.99
2	Ni-Cd	3.6	170	H	RSU 10049542	12.99
5	Ni-Cd	3.6	280	H	RSU 10049617	9.99
8	Ni-Cd	3.6	500	H	RSU 10049393	9.99
7	Ni-Cd	4.8	250	D	RSU 10049443	12.99
11	Ni-Cd	4.8	600	A	RSU 10451763	11.99
4	Ni-Cd	3.6	270	New-J	RSU 10456507	11.99
5	Ni-Cd	3.6	280	New-K	RSU 10451045	9.99
12	Ni-MH	3.6	320	New-C	23-296	9.99



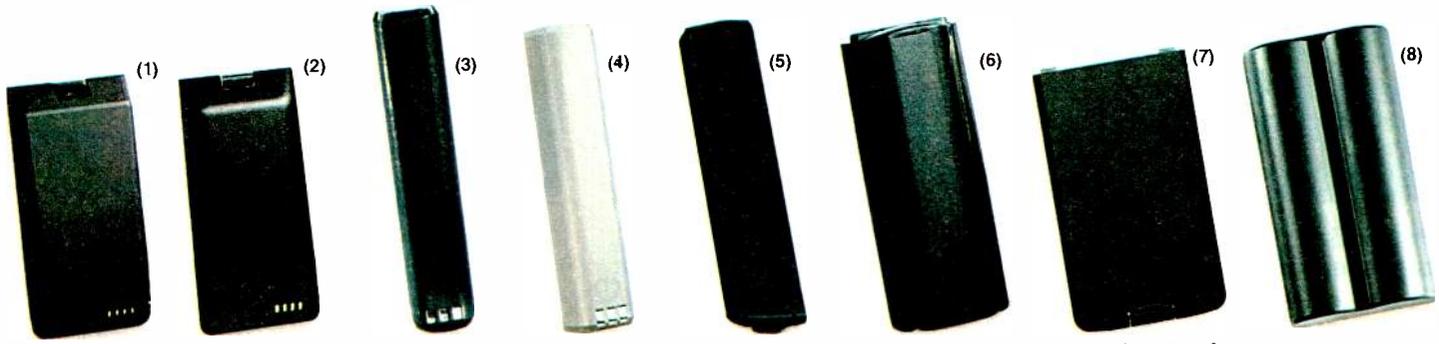
### New 900MHz Ni-Cd cordless battery

3.6 volts. Fits Sony, AT&T and V-Tech phones. 600mAh.  
23-295..... 11.99



### Sony® cordless phone battery

4-volt rechargeable battery fits Sony cordless phones. 500mAh.  
23-198..... 16.99



## Cellular telephone batteries

We want you to keep talking! So, be sure you have plenty of backup battery packs on hand.

Don't get caught without a fresh battery! Replace the worn-out rechargeable batteries in your cellular phone now with fresh new ones from RadioShack. We carry a large selection of replacement batteries that fit many cellular makes and models.



## "AA" and "Sub C" Ni-Cd batteries

Can be used to replace manufacturer's original rechargeable batteries in many cordless appliances and tools. Include solder tabs for easy wiring as a battery pack. Both sizes are 1.25V.

"Sub C", 1400mAh. 23-190 ..... Pkg of 2/7.99  
 "AA", 600mAh. 23-191 ..... Pkg of 2/5.99



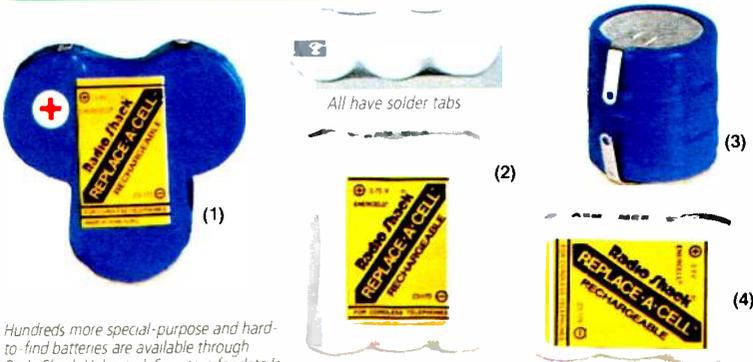
Replacement batteries for Motorola cellular phones							
Fig.	Type	Volts	mAh	Talk time (min.)	Replaces	Cat. No.	Price
1	Ni-MH	6	1250	180	Microtac (standard)	23-1016	29.99
2	Ni-MH	6	1800	275	Microtac (extended)	23-1018	49.99
3	Ni-Cd	7.2	1400	120	Classic series (standard)	23-1009	49.99
4	Ni-Cd	7.2	2600	240	Classic series (extended)	23-1010	69.99
Replacement batteries for Nokia cellular phones							
Fig.	Type	Volts	mAh	Talk time (min.)	Replaces	Cat. No.	Price
5	Ni-Cd	7.2	400	45	Model 101, RadioShack 17-1063 (standard)	23-1011	49.99
Replacement batteries for Ericsson cellular phones							
Fig.	Type	Volts	mAh	Talk time (min.)	Replaces	Cat. No.	Price
6	Ni-Cd	6	800	100	AH series/Digital/PCS/GE CT700, CT500	RSU 11437423	49.99
Replacement batteries for Nortel cellular phones							
Fig.	Type	Volts	mAh	Talk time (min.)	Replaces	Cat. No.	Price
7	Ni-MH	6.25	1200	210	Model 911, 911A	23-1020	89.99
Replacement battery for PCS phones							
Fig.	Type	Volts	mAh	Talk time (min.)	Replaces	Cat. No.	Price
8	Li-Ion	7.2	1200	240	Sprint/PrimeCo/Cox	23-1015	79.99

## Cellular battery conditioner/charger

Get the best performance possible out of your batteries! Refreshes and charges a wide variety of phone batteries—such as RadioShack 17-1060/1061/1062/1063/1101, Motorola Microtac and 9800 series and Nokia 101/232. Includes adapters for proper battery contact and DC cord vehicle use. 23-401 ..... 69.99  
 PCS battery charger. For Li-Ion battery 23-1015. 23-407 ..... 89.99

Additional battery adapters available through RadioShack Unlimited

## Ni-Cd battery packs



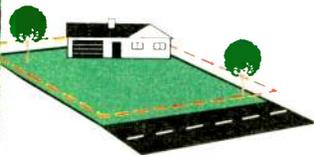
Hundreds more special-purpose and hard-to-find batteries are available through RadioShack Unlimited. See store for details

## Your nearby RadioShack stocks these unique Ni-Cd battery packs

Replacement rechargeable batteries for many types of cordless equipment—power tools, kitchen appliances, flashlights, telephones, toothbrushes, electric razors and much more.

Fig.	Type	Volts	mAh	Cat. No.	Price
1	Pack	3.60	280	23-177	8.99
2	Pack	3.75	600	23-170	8.99
3	Pack	3.60	280	23-171	8.99
4	Pack	3.60	300	23-176	9.99





**Pet collar replacement battery**

If you rely on Invisible Fencing® to keep your dog safe and secure, you can now get replacement batteries from RadioShack. 7.2V silver-oxide battery fits in the dog's collar. 23-221 . . . . . 14.99

Invisible Fence is a registered trademark of Invisible Fence Co. Inc.



**We stock the hard-to-find batteries you won't find at other stores.**

RadioShack carries an immense number of batteries, including many special types you won't find anywhere else. Since we sell so many so fast, ours are always fresh and strong.

Fig.	Volts	Replacement for			Cat. No.	Price
		Duracell	Eveready	Other		
1	12.0	M926	732	926	23-007	<b>11.99</b>
2	6.0	PX32A/PC164A	E164	MV15E	23-1502	<b>6.99</b>
3	22.5	M505	505	221	23-510	<b>6.99</b>
4	1.5	PX625	E625		23-1504	<b>2.59</b>
5	1.45	DA675	AC675	R675ZA	23-150	<b>Pkg. of 2/1.99</b>
6	7.0	TR175/PC175A	E175	T175	23-1503	<b>6.99</b>
7	6.0	PX28AB	A544	4LR44	23-469	<b>3.49</b>
8	15.0	M504	504	W10E	RSU 10048510	<b>6.19</b>



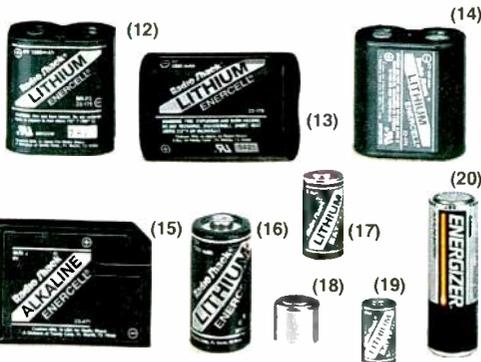
**Computer memory backup batts.**

Fig.	3.6 Volt Batteries	Cat. No.	Price
9	Tadiran TL-5242-W	RSU 10046472	<b>12.99</b>
10	Tadiran "AA" TL-5104	RSU 10046449	<b>11.39</b>
11	Tadiran TL-5101	23-026	<b>9.99</b>

**Batteries for photography, computers, other electronic equipment**

Hard-to-find batteries and battery packs to fit many cameras, personal computers, plus lots of other electronic equipment.

Fig.	RadioShack	Replacement for			Cat. No.	Price
		Duracell	Eveready	Other		
12	BRP2	—	—	BPR2	23-175	<b>12.99</b>
13	2CR5	DL245	EL2CR5BP	2CR5	23-178	<b>9.99</b>
14	DL223	DL223	EL223ABP	CRP2	23-179	<b>9.99</b>
15	7K67	7K67	5393P	J	23-471	<b>4.99</b>
16	DL123	DL123	EL123AP	CR123	23-155	<b>7.99</b>
17	2CR1/2N	PX28L	L544	K28L	23-266	<b>8.29</b>
18	CR1/2N	DL1/2N	2L76	LR1/2N	23-265	<b>4.79</b>
19	CR2	—	EL1CR2BP	CR2	23-267	<b>6.99</b>
20	—	PX21	523	V21PX	RSU 10048551	<b>4.79</b>



**Remote control battery**

12 volts. 23-144 . . . . . 2.99  
Buy two and save.  
23-154 . . . . . Pkg. of 2/5.49  
9V GP25A alk. 23-044, 2.99



**Photography battery**

CNB-EPX640. 1.5 volts, alkaline.  
RSU 10282978 . . . . . 4.99



**Ni-Cd button cell battery**

1.2 volts, 65mAh Ni-Cd rechargeable button battery.  
RSU 10457372 . . . . . 1.99



**Communications battery**

JB 9044. 7.5 volts, 600mAh Ni-Cd rechargeable battery.  
RSU 10047751 . . . . . 32.99



**Zinc-air pager battery**

Panasonic PR2330. Long-lasting 1.4-volt battery for pagers. Package of 2.  
RSU 10460160 . . . . . 15.99



**Ni-Cd phone battery**

1.25V, Ni-Cd rechargeable battery.  
RSU 10047165, 5.99

**Radio battery**

2.5-volt Ni-Cd battery for many communication applications.  
RSU 10047173 . . . . . 10.99

# We'll Help Find the Right One

Why bother going store to store, searching for that special-use battery? Just drop by your local RadioShack and we'll help you find the battery that fits.



## Hi-Capacity™ the extra edge

The ideal choice for high-current equipment such as RC cars, cordless tools, portable CDs, tape players.

Size	Volts	mAh	Cat. No.	Price
"D"	1.25	4500	23-140	7.99
"C"	1.25	2300	23-141	6.99
"AA"	1.25	850	23-149	2/6.99
9V	7.2	120	23-299	9.99

## Universal quick charger

Finally, a charger that will power up all your Ni-Cds and do it faster than conventional chargers. Charges standard "D", "C", 9V, "AA", and "AAA" Ni-Cds in just five hours. Also recharges our Hi-Capacity "D", "C" and "AA" Ni-Cds. Holds six batteries at a time (except 9V).

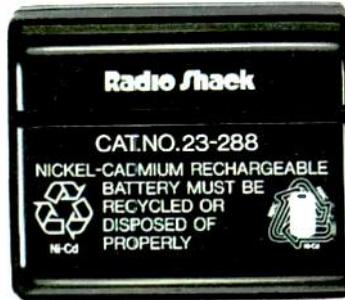
23-233 ..... 27.99



## 3.6V battery for Flexi-Charge™ tools by Skil®

Rechargeable Ni-Cd replaces battery in Skil's 3.6-volt cordless power tools. For optimum convenience, keep extra batteries charging while one is in use.

23-801 ..... 12.99



## 7.2V Ni-Cd battery pack for handheld scanners

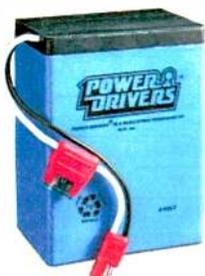
Slide-in battery pack recharges in scanner or stand. 600mAh. Charging indicator. Requires #273-1665 AC adapter. 23-288 ..... 34.99

For use with RadioShack handheld scanners #20-131/132/133, 134/135/137/138/300/302/304/307/309/310/560/561.



## 12V rechargeable battery for alarm, hobby and other uses.

Ideal for alarm control center battery backup. Lead acid battery can be recharged hundreds of times for long-life use. 4Ah. 23-289 ..... 24.99



## Battery for kid's rideable toy vehicles

Rechargeable for Power Drivers® and Power Wheels® 6 & 12-volt cars. Replaces all "H"-style batteries. With adapter for "S" styles. 30-amp fuse. RSU 10456291 .. 26.99



## 2.4V Ni-Cd for CD portables

Your best choice in a rechargeable battery for RadioShack's personal CD players. 600mAh. Fits Optimus CD-3440 (42-5051), CD-3480 (42-5054), CD-3490 (42-5055), CD-3445 (42-5066), CD-3580 (42-5067) and CD-3590 (42-5069). RSU 11377181 ..... 12.99



## Ni-Cd pack for Sony Discman®

2.4V replacement battery pack is perfect for your Sony Discman® portable CD player. You don't need to replace batteries as often, so it will save you money in the long run. 600mAh. 23-220 ..... 16.99





Hundreds more special-purpose and hard-to-find batteries are available through RadioShack Unlimited. See store for details.



Premium-quality zinc-air for heavy current drain hearing aids

RadioShack	Pkg of	Cat. No.	Per pack	Buy 3 packs or more and save 10%
ZA675	4	23-276	4.49	4.04 Per Pack
ZA13	4	23-277	4.49	4.04 Per Pack

Zinc-air hearing aid batteries are ready to go when you need them

Long-life batteries are lightweight, yet have about twice the capacity of other types. Air-seal protected for long shelf life—they're fresh and strong when you open them. 1.45V.

RadioShack	Replacement for				Package of 4		Package of 6		
	Duracell	Eveready	Ray-O-Vac	Cat. No.	Per Pack	Buy 3 packs or more and save 10%	Cat. No.	Per Pack	Buy 3 packs or more and save 10%
675HPX	DA675	AC675E	R675ZA	23-257	3.79	3.41 Per Pack	—	—	—
13HPX	DA13	AC13E	R13ZA	23-258	3.79	3.41 Per Pack	23-262	5.39	4.85 Per Pack
312HP	DA312	AC312E	R312ZA	23-259	3.79	3.41 Per Pack	23-263	5.39	4.85 Per Pack
230HPX	230HPX	AC230E	R10ZA	23-256	3.79	3.41 Per Pack	—	—	—

RadioShack	Package of	Cat. No.	Per Pack	Buy 3 packs or more and save 10%
ZA5A	8	23-264	6.99	6.29 Per Pack

High-energy lithium batteries for watches and calculators

High-energy output and long life to keep equipment working harder and longer! Outperforms ordinary batteries. Keep extras on hand.

RadioShack	Replacement for			Cat. No.	Each
	Duracell	Eveready	Ray-O-Vac		
CR2016H	DL2016	ECR2016	BR2016	23-160	2.79
CR2025	DL2025	ECR2025	BR2025	23-161	2.79
CR2032	DL2032	ECR2032	BR2032	23-162	2.79
CR2430	DL2430	ECR2430	BR2430	23-166	2.79
CR1616	DL1616	ECR1616	—	23-167	2.79
CR2325	—	—	BR2325	23-169	2.79
CR1220	DL1220	ECR1220	—	23-188	2.79
CR1620	DL1620	ECR1620	CR1620	RSU 10046589	1.99
CR1225	—	ECR1225	BR1225	RSU 10046498	2.99
CR2450	DL2450	ECR2450	—	23-189	3.79
CR1025	—	ECR1025	—	23-268	2.79
CR1216	—	ECR1216	—	23-269	2.79

RadioShack silver-oxide watch and calculator batteries

Specially formulated to keep working longer and harder than "regular" batteries. Custom engineered for electronics applications. We have a replacement for most brands.

RadioShack	Replacement for			Other	Cat No.	Each	Save! 10 of Same Type Only
	Duracell	Eveready	Ray-O-Vac				
76	D357	EPX76	RW22/42	G13, 541	23-009	2.79	1.98 Each
389	D389	389	389-1W	G10, V10GS	23-101	2.79	1.98 Each
392	D392	392	392-1W	G3, 547	23-102	2.79	1.98 Each
393	D393	393	393-1W	G5, 546	23-103	2.79	1.98 Each
303	D303	303	303-1W	GS14, 521, 313	23-104	2.79	1.98 Each
357	D357	357	357-1W	G13, 541	23-105	2.79	1.98 Each
386	D386	386	386-1W	G12, 548	23-106	2.79	1.98 Each
391	D391	391	391-1W	G8, V8GS	23-107	2.79	1.98 Each
362	D362	362	362-1W	Type S, 532, SR721	23-110	2.79	1.98 Each
364	D364	364	364-1W	Type T, 531, SR621	23-111	2.79	1.98 Each
396	D396	396	396-1W	Type V, 556, SR726	23-112	2.79	1.98 Each
399	D399	399	399-1W	Type W, 543, SR926/7	23-113	2.79	1.98 Each
390	D390	390	390-1W	603, 534, SR1130	23-201	2.79	1.98 Each
329	D329	329	329-1W	24, 525, 388	23-202	2.79	1.98 Each
371	D371	371	371-1W	SR920, 30, 537	23-203	2.79	1.98 Each
373	D373	373	—	—	23-210	2.79	1.98 Each
377	D377	377	377-1W	SR626, 37	23-204	2.79	1.98 Each
384	D384	384	384-1W	SR41, 10, 527, L736, 325	23-205	2.79	1.98 Each
395	D395	395	395-1W	SR926, 25, 523	23-206	2.79	1.98 Each
397	D397	397	397-1W	SR726, 26, 536	23-207	2.79	1.98 Each
319	D319	319	319-1W	SR527SW, 615, 8067	23-208	2.79	1.98 Each
379	D379	379	379-1W	SR521SW, 8073	23-209	2.79	1.98 Each
317	—	317	317	SR516SW, 616, CA, 280-58	RSU 10048205	2.79	
321	D321	321	321	SR616SW, DA, 280-73	RSU 10048213	2.79	
394	D394	394	394	SR936SW, 625, SB-A4	RSU 10048395	2.79	

Heavy-duty alkaline and silver-oxide batteries for games and calculators

Long-lasting alkaline batteries keep on performing, even under high-current-drain conditions. Choose alkaline, or silver oxide for even longer life. Keep extras on hand.

RadioShack	Replacement for			Alkaline	Each	Silver Oxide	
	Duracell	Eveready	Maxell			Cat. No.	Each
357A	—	A76	LR44/L1154	23-115	1.99	23-105	2.79
386A	D186AB	186	LR43	23-116	1.99	23-106	2.79
389A	D189AB	189	LR1130	23-117	1.99	23-101	2.79
392A	D192AB	192	L736	23-022	1.99	23-102	2.79
391A	D191AB	191	LR1120	23-118	1.99	23-107	2.79

Items with an RSU number are available for fast shipment direct to your door from RadioShack Unlimited<sup>SM</sup>. Shipping and pricing information on page 4



## Hearing-related products

Many RadioShack products are ideal for individuals who are hearing impaired. We offer amplified telephones (and amplified ringers), and even a phone with a built-in text printer. If you own a TV without closed-captioning, we have an add-on decoder that translates TV programs into text. We even offer super-loud alarm clocks.

## Simple Solutions for Your Special Needs

We've developed special-need items to help answer questions from some of our special-needs customers. These are just a few of the specialty items you'll find included in this catalog.

## Visual-related products

We offer many products to assist people with visual impairments—from easy-to-press large-button phones and remote controls to talking clocks, thermometers, and even dictionaries. Also, many RadioShack products offer extra-large displays that make them easier to read.

## Products for peace of mind

For people needing special attention, we provide items that make life a little safer and a little easier. For example, our emergency pendant lets someone call a 24-hour monitoring service with the touch of a button. Plus, we offer remote controls for lights and appliances around the house.

## And there's more

RadioShack Unlimited has products designed for easier and more convenient communication. See our in-store display for additional specifications and selections of text phones, closed-caption decoders, Clarity™ high-frequency amplified phones, and other products available for fast shipment direct to you.



**Text-phone with printer**

PP-2000D. Phone has built-in printer. Bright, 20-character display. Features keyboard dialing, call progress display screen and electronic voice. Dual modular jacks, auto-answer, TDD call alert. Upper and lower case printing (separates incoming and outgoing messages). 5-cell Ni-Cd battery and AC adapter/charger included.

RSU 10454544 ..... 399.99

Replacement 5-cell Ni-Cd battery. For text phone shown here.

RSU 11611043 ..... 17.99

Text telephone case. Soft sided. RSU 10454569 ..... 24.99

Printer paper. 12 rolls printing paper for text phones.

RSU 10454684 ..... 16.99



# Call On Us!

See our RadioShack Unlimited® in-store display for additional products designed for easier and more convenient communication.



**Amplified phone**

This big-button phone features an amplified handset and an extra-loud ringer. See page 32.

(TSP) 43-808 ..... 39.99



**Amplified trim phone**

Handset amplifier has adjustable volume control. Big buttons. In 3 colors. See page 35.

(TSP) 43-805/813/814 .. 39.99



**Portable sound clarifier and amplifier**

Perfect travel aid. Assists with sound clarity on standard phones. See page 33.

RSU 11652781 ..... 29.99



**Portable volume amplifier**

Plugs into phone line, amplifies volume on standard phones. Requires 1 9V battery. See page 33.

RSU 11436565 ..... 29.99

**Equalizer phone**

Equalizer controls let you adapt to a wide range of hearing needs. See page 32. (TSP)

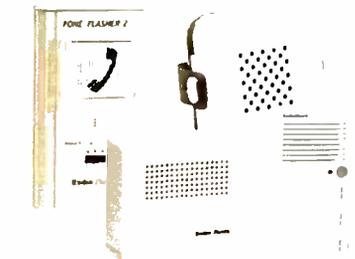
43-598 ..... 79.99



**Hear calls clearer, not just louder**

W-900. Slide-bar clarity control increases high-frequency sounds. Visual ringer light. See page 33.

RSU 11652807 ..... 59.99



**Always know when you have a call**

Fone Flasher 2. (TSP) 43-178, 29.99

Snap-on amp. 43-229. .... 10.99

Extra-loud bell. 43-173. .... 19.99

Multi-tone ringer. 43-181... 21.99

For more details, see page 32.



**Handset amplifier**

Fits all phones with modular handset cords. Boosts incoming sound. Built-in volume control. See page 32.

43-237 ..... 19.99



TV not included

**Closed-caption decoders for TVs without built-in closed captioning**

Decode all caption-encoded broadcast and cable TV programming, captioned videotapes and laserdiscs. All models include connection cables and UL listed power adapter. FCC approved.

**V-7310.** Decodes speech and sound effects for hearing-impaired and non-English speaking users. Black. **RSU 11541489** ..... **129.99**

**V-7300.** A great aid for learning how to read. Captioned decoding promotes voice-word recognition. White. **RSU 11541471** ..... **129.99**

**NOTE:** Models V-7300 and V7310 require a VCR, cable converter or satellite system for captioning connection.

**Supervision™ closed caption decoder.** Decodes speech and sounds. Does not require VCR, laserdisc player, cable box or satellite TV. **RSU 11910924** ..... **199.99**

*We've developed special-need items to help answer questions from some of our special-needs customers.*

# We Can Help



**3-in-1 remote**

Buttons are bigger and spaced wider apart for easier use. Features only the controls you use most. See page 147.  
**15-1915** ..... **14.99**

**Big-button channel scan**

3-in-1 universal remote lets you "channel surf" at the touch of a button. See page 147.  
**15-1916** ..... **19.99**



**Talking dictionary and thesaurus**

Hear words as you look them up. See page 282.  
**63-2100** ..... **129.99**

**Talking Spanish translator**

250,000-word bilingual dictionary. See page 283.  
**63-2007** ..... **129.99**



**Remote control A-B switch**

Switch between broadcast TV and another source such as cable TV without getting up. See page 149.  
**15-1957** ..... **39.99**



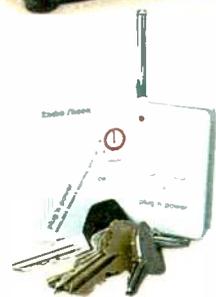
**Voice organizer**

Voice controlled. Record appointments, phone numbers and more. See page 276.  
**65-716** ..... **99.99**



**Big 12-digit LCD display calculator**

Adjustable display tilts forward for easy viewing and avoiding screen glare. See page 280.  
**65-591** ..... **24.99**



**Keychain remote**

Lets you turn on one or more lights in your home from driveway, porch or another room. See page 212.  
**61-2663** ..... **24.99**



**Remote power switch**

Lets you turn on your television, light or appliance from anywhere in the room. See page 216.  
**61-2667** ..... **22.99**



**Extra-large digits**

Pocket-size calculator with Adjustatilt™ display and big digits for viewing comfort. See page 280.  
**65-891** ..... **19.99**

**Rolodex® organizer**

With phone dialer, Caller ID and pager forwarding. See page 275.  
**65-843** ..... **69.99**

**Talking watches and clocks**

- (1) **Talking wristwatch.** Clear voice announces time hourly or at the touch of a button. See page 222. **63-5042** ..... 17.99
- (2) **Talking travel alarm.** Clock lets you hear the time at the touch of a button or hourly. See page 222. **63-738** ..... 14.99
- (3) **Talking alarm clock.** Wakes you with the crow of a rooster. See page 222. **63-915** ... 14.99



**Pillow speaker**

Ideal for use with clock radios and TVs. Easy-to-reach volume control. See page 91. **33-208** ..... 5.99

# Compact Conveniences



**Pocket Weatheradio® with alert**

Take it along anywhere to get advance warnings of approaching bad weather. When the weather station transmits its alert signal, this receiver sounds an alarm. Just flip a switch for details of the alert. See page 229. **12-246** ..... 29.99



**Wireless headphones**

Listen to TV or stereo privately, without the inconvenient cord. See page 90. **33-1145** ..... 129.99



**Super-loud alarm clock**

Alarm with selectable loud setting for the hearing impaired. See page 222. **63-741** ..... 15.99



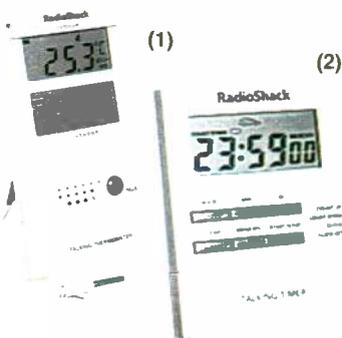
**New Extra-loud alarm clock**

Has huge 2"-high digits that are easy to see from across the room. See page 223. **63-960** ..... 24.99



**Jumbo LED display clock radio**

1.8"-high digits can be read across the room. See page 79. **12-1615** ..... 29.99



**New Indoor/outdoor LCD talking thermometer**

(1) A human voice tells you the temperature when you press a button, on the hour, or at a set alarm time. Large display. See page 227. **63-1012** ..... 24.99

**New Talking timer/clock**

(2) A human voice announces time left until zero and time left after zero. Different alarm sounds. See page 222. **63-877** ..... 15.99

## Personal security needs

**Emergency system for use with 24-hour monitoring service\***

One-touch help for anyone who is ever alone! With just a press of the heart-shaped pendant, help is on the way. Pendant sends a signal to the console which dials Orca Monitoring Services, sounds an alarm, and flashes any lights hooked to Plug 'n Power light modules. See page 203. **49-2575** ..... 149.99\*



\*Monitoring is provided by Orca® Monitoring Services for an additional monthly fee. Orca is a registered trademark of Orca Inc.

## Buy in Quantity and Save! Get Up to 40% Off!

Quantity buyers and purchasing agents can get big discounts on the 1998 Catalog "each" prices. Save on thousands of items — for premiums, promotions, educational and institutional needs. Call or visit your nearest RadioShack to order. Terms: NET 30 days, FOB RadioShack store or warehouse nearest you. Discounts to be taken off single unit prices. Items may not be assorted. Discounts apply only to RadioShack brands (Examples: RadioShack, Optimus, Safehouse, Tandy). National-brand products do not qualify for quantity discounts, and also do not apply to RadioShack Unlimited<sup>SM</sup> items. (Examples: AST, Casio, Duracell, Eveready, Franklin, IBM, Kodak, Packard Bell, Psion, RCA, Sharp, Smith Corona, Sony, etc. . . )

Quantity discounts available at participating stores and dealers in the U.S. only.

Equipment	3-5	6-11	12-49	50-499	500-Up
Antennas, TV/FM	...	10%	15%	20%	25%
Audio components (receivers, amps, tuners, turntables, speakers, headphones, equalizers, CD players)	...	10%	15%	20%	25%
Audio accessories and parts	...	...	15%	25%	33%
Auto sound tape players, radios, accessories	...	10%	15%	20%	25%
Batteries (RadioShack brand)	...	...	10%	20%	30%
Batteries (RS Super Alkaline AA, AAA, C, D, N, 9V same Cat. No. only)	10%	10%	10%	20%	30%
Batteries, hearing aid/zinc air (RadioShack brand only)	10%	10%	10%	20%	30%
Batteries, watch (RadioShack brand only)	...	...	See Page 271	30%	30%
Books	...	10%	20%	25%	33%
Calculators, data organizers	...	5%	10%	15%	20%
CB (base, mobile, walkie-talkies)	...	10%	15%	20%	25%
CB antennas, accessories	...	10%	15%	20%	25%
Cable and wire (bulk pack only) 200-499 ft.	...	...	15% Off per Foot	...	...
Cable and wire (bulk pack only) 500 ft. & up	...	...	20% Off per Foot	...	...
Computers, notebooks, computer printers, peripherals (Tandy brand only)	...	5%	7%	See manager	...
Computer software	...	7%	12%	17%	20%
Computer accessories, supplies	...	7%	12%	17%	20%
Electronic components, packaged wire & cable, AC/DC adapters	...	...	10%	25%	33%
Electronic games, Space Patrol walkie-talkies	...	5%	10%	12%	20%
Fax machines/copier	...	5%	7%	10%	15%
Fax/copier supplies, accessories	...	10%	15%	20%	25%
Intercoms	...	10%	15%	20%	25%
Kits (Science Fair)	...	5%	10%	15%	20%
Microphones	...	10%	15%	20%	25%
Music systems (portables, rack, compacts, karaoke)	...	5%	10%	15%	20%
PA equipment	...	10%	15%	20%	25%
Radar detectors	...	10%	15%	20%	25%
Radios (clock, portable, stereo, novelty)	...	7%	12%	17%	20%
Radio-controlled toys	...	5%	10%	12%	20%
Scanners, communications receivers	...	10%	15%	20%	25%
Security devices	...	7%	12%	20%	25%
Security panels-wired	10%	12%	12%	20%	25%
Speakers (unmounted)	...	10%	15%	20%	25%
Spell checkers and electronic reference	...	5%	7%	12%	15%
Tape recorders and players	...	10%	12%	17%	20%
Tape, audio recording cassettes (same cat. no. only)	10%	10%	20%	30%	40%
Tape, audio microcassettes and mini cassettes	14%	14%	14%	14%	14%
Tape, video recording cassettes only	...	...	(No Discount)	...	...
Tape accessories	...	...	10%	20%	25%
Telephones (also dialers, answerers, amps, controllers)	10%	12%	15%	20%	25%
Telephone accessories (279-series)	...	...	10%	25%	33%
Telephones, cellular, pagers	...	...	5%	10%	15%
Televisions, VCRs, camcorders, satellite systems	...	5%	7%	10%	15%
TV/Video accessories	...	...	10%	20%	25%
Test equipment, power supplies	...	10%	15%	20%	25%
Timers, electrical accessories, Plug 'n Power, flashlights, clocks, watches, laser pointers, metal detectors, health, home products	...	5%	7%	10%	20%
Tools, solder, hardware, chemicals	...	5%	7%	10%	20%
Transceivers (business, personal, amateur bands)	...	10%	15%	20%	25%
Word processors	...	5%	7%	See manager	...



**RadioShack ValuePlus<sup>®</sup> Credit**

No Annual Fee to Pay

### We've Made it Easy to Get the Home Electronics You've Always Wanted.

Apply for your own personal line of credit today. Our ValuePlus revolving credit program gives you your own personal line of credit for use at RadioShack. Approval often takes only minutes.

Budget your purchases with monthly payments or pay your balance in full at any time and avoid finance charges for the current billing cycle. Actual payments may vary depending upon account balance. Applications are available at participating RadioShack stores and dealers. Credit options for businesses also available.

#### Most locations also welcome these cards



### Retail Career Opportunities at RadioShack

We are the number one retailer in the consumer electronics industry because we provide our customers with friendly, honest service and the answers they need to get the most out of the products we sell. As a member of our Answer Team, you will benefit from a comprehensive training program and unlimited earnings potential—the rest is up to you. You must have the willingness to work hard and possess a strong desire to succeed.

Thanks to RadioShack's continuing growth, career opportunities are available in many market areas. Write to our Corporate Headquarters, below, for the District Sales Office nearest you.

**RETAIL EMPLOYMENT, Dept. KC97**  
100 Throckmorton, Suite 1600  
Ft. Worth, TX 76102

We Are an Equal Opportunity/Affirmative Action Employer

**International Sales Opportunities: We are seeking distributors to sell RadioShack products in their markets through existing stores or networks. For information, fax: 1-817-390-3805**

## Discover What 6,000,000 Satisfied Customers Already Know: Tandy Service Plans



RadioShack's commitment to service includes affordable buyer protection. TSPs are available for many of our products.

Convenient and easy to start, these plans take the worry out of maintaining your equipment and extend parts and labor coverage to a total of five years in many cases. Initial coverage is inclusive of normal product warranty. Service is performed by expert technicians in our own Service Centers and is available through our participating locations nationwide.

Look for "(TSP)" preceding the catalog number in product descriptions as in the example below.

179-channel tuner, 1-year/8-event timer, A/V inputs. Remote requires 2 "AA" batteries. (TSP) 16-654 . . . . . **399.99**

(TSP is not available for items offered through RadioShack Unlimited<sup>SM</sup>)

#### Tandy Service Plans Offer:

- **Lasting Peace of Mind**

We don't want our customers to experience the inconvenience of costly repairs, but if it should happen, TSP covers repair as often as necessary during the term of the plan.

- **Convenience**

Access repair services through over 6,700 RadioShack and RadioShack Associate stores nationwide.

- **Parts and Labor Costs**

Coverage includes both parts and labor for the entire term of the plan. There are no deductibles.

- **Transferability**

Easily transfer protection plan when you sell or upgrade your merchandise.

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Product	See Binder	Product	See Binder	Product	See Binder	Product	See Binder
Amateur Radio Accessories	4	Cellular Accessories	4	Global Positioning Systems	4	Movies	2
Amateur Radio Gear	4	Chargers	5	Ham Radio Gear	4	Music, Recorded	2
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