

Radio Shack®

The Technology Store for 66 Years



The tradition continues for 1987. Radio Shack again offers the only complete line of advanced consumer electronics available anywhere. Including new products like a programmable remote control robot. An auto-dialing speakerphone with electronic directory and data display. And our most affordable PC-compatible computer ever—the Tandy 1000 EX.

1987 Catalog No. 406 • Index Page 92

MOBILE CELLULAR TELEPHONE CONVERTS QUICKLY FOR TRANSPORTABLE USE

Compare Power, Features, Value! Radio Shack's Cellular Telephone is Your Best Choice by Far!

1199⁰⁰

Mobile antenna and portable adapter pack extra

Low As **39⁹⁵** per month

Lease availability and terms may vary in different service areas

- Easy to Install Yourself
- Moves Quickly and Easily From Car to Car
- Converts to Portable Use With Optional Adapter Pack

Radio Shack's *Transportable* Cellular Phone is a top performer with full three-watt output—that's five times the power of many portables that actually cost much more. You'll have the power you need for maximum range and clear sound, inside or outside of your car. The phone features an LCD display that practically eliminates dialing errors, memory storage of up to 30 frequently called numbers and one-touch redial of the last number entered. Adjustable handset volume and built-in speaker for handy "on hook" dialing. Controls are backlit for safer

operation at night. And talk about service! Radio Shack obtains your cellular phone number for you, programs your phone and handles all start-up paperwork. We back your phone with a One-Year Limited Warranty honored nationwide, and an optional Extended Service Plan. Come in for a hands-on comparison at our participating store near you

17-1002 1199.00

Glass-Mount Antenna. 17-301 59.95

Magnet-Mount Antenna. 17-302 29.95

No-Hole Trunk-Mount Antenna. 17-303 59.95



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

Compact handset and speaker interface unit mount up-front on floor or dash. Transceiver mounts in trunk to stay out of your way. Includes handset cradle, mounting brackets, hardware and cable. Handset: 8¹/₄ x 2³/₈ x 2³/₄". Transceiver: 8⁵/₈ x 7⁷/₈ x 2³/₄". 12VDC negative ground

Portable Adapter Pack. Locks on to the transceiver for transportable operation. Includes DC-power adapter/charger cable, flexible antenna and shoulder strap. 17-203 119.95

Rechargeable Battery. 2 req'd. 23-181, Ea. 9.95

AC Charger. UL listed. 17-202 19.95

The First Mobile/Portable Cellular Phone That You Can Install Yourself



Radio Shack—Celebrating Its 66th Year With Over 40 Million Satisfied Customers Worldwide

THE TECHNOLOGY STORE



31 Factories to Serve You Better

Radio Shack, the largest division of NYSE-listed Tandy Corporation, manufactures about 50% of its products at company-owned factories in the USA and five other nations. Designing and building much of our line helps us deliver the latest technology on time, while keeping costs low and quality high. Founded 66 years ago in Boston, Radio Shack today is over 7000 store locations in the USA. The company is supported by regional warehouses, well over 200 repair centers and some 20,000 people dedicated to quality, value and personal service. Join our 40-million active customers and make Radio Shack *your* technology store!

Our Commitment to Education

As the importance of computers in education has grown, Radio Shack has kept pace by expanding its line of educational software for schools and the home. Today we offer one of the most comprehensive libraries of classroom-proven software available. And, with free training programs at our Computer Centers, we're introducing teachers and administrators to the benefits of computer-assisted instruction. Tandy Corporation/Radio Shack is proud to be a major supplier of computers to America's schools. For details, contact our Education Division at 1400 One Tandy Center, Fort Worth, TX 76102.

Apply for a Radio Shack/CitiLine® Card



No Fee Required!

Simply fill out an application at any participating Radio Shack location nationwide. With Citibank's "On-Line-Credit" process, you may be approved from \$100 to \$25,000 in just minutes if you already have a valid Visa or MasterCard. Or you may qualify for CitiLine's Regular phone-in process for purchases from \$100 to \$25,000, usually in an hour or less. CitiLine may also be used for additional purchases of \$25 or more. Payments may be evenly spread over 33 months or more or paid in full anytime with no prepayment penalty. CitiLine is a revolving open-ended credit plan from Citibank (Maryland). N. A. Actual payments may vary depending upon any existing balance. Come in today and apply for your own personal line of credit from Citibank.

Most Locations Also Welcome These Cards



Give Our Gift Certificates



Radio Shack Gift Certificates make it easy to give exclusive, nationally advertised merchandise from the world's largest electronics retailer/manufacturer. They are good on over 3000 products and our Extended Service Plan. Gift certificates are available in any amount and spend just like cash at more than 7000 locations throughout the USA. Radio Shack Gift Certificates are perfect for Christmas, birthday, graduation, anytime!

Our Special Services for Business

Radio Shack Computer Centers and Telephone Centers offer innovative, cost-saving products for business, backed by total support. Over 1200 Radio Shack Computer Centers offer leasing plans, software and accessories. Nationwide, 60 Area Training Support Operations Centers offer such services as installation, new user orientation and training. Our service is second to none—we can service your system at your office, or you can bring it to one of our Computer Centers. And at our Business Products Service Centers, you can bring in your computer for routine service performed while you wait. Radio Shack also provides for the special needs of corporations and other quantity buyers. Contact National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102. VARs and systems houses can share in our success by offering vertical market application packages configured with our Tandy computers. Direct inquiries to Tandy VAR Marketing at the above address.

EIA Membership and UL Listings

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

quick index

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Prices shown are cash prices and subject to change without notice. Prices apply to participating stores in the contiguous USA but may vary from store to store. Radio Shack cannot be liable for pictorial or typographical errors.

VCRs WITH BUILT-IN STEREO-TV TUNERS

• Revolving Credit Available
See Page 3

VHS Hi-Fi Stereo With HQ System and Comb Filter for Clearer Pictures



NEW FOR 87

599⁹⁵

ESP Available Low As \$28 Per Month*

- Watch, Record and Play MTS Stereo-TV Programs and SAP
- 110-Channel Cable-Ready Tuner
- 23-Function Wireless Remote

Realistic® Model 41. State-of-the-art video and audio! The new High Quality (HQ) System and built-in comb filter deliver visibly sharper pictures and more accurate color. You'll also enjoy full-range stereo sound on VHS hi-fi prerecorded tapes, stereo-TV broadcasts and TV/FM simulcasts—just connect this VCR to your stereo system. Simultaneous linear audio recording with Dolby® NR provides compatibility with other VHS decks. And, with the flip of a switch, this VCR becomes a high-performance audio recorder with auto-search music system to help you find selections. Incredibly versatile, yet it's very easy to use. The convenient auto-function feature loads a

tape, plays it, rewinds it and shuts off the VCR automatically or can be set to replay a tape continuously. You also get an easy-to-read digital channel display, power on/off switching from the remote control, easy-to-program 14-day/5-event timer, power-interrupt protection, 3-speed record/play with automatic playback speed selection, electronic tape counter with memory rewind, tuner/simulcast/aux input selector, quick-timer recording, high-speed forward/reverse search, LED audio-level meter, front-panel 1/8" stereo headphone jack with level control, 1/8" camera pause jack. 3 1/16 x 16 15/16 x 13 5/8". UL listed AC. Remote requires 2 "AAA" batteries. 16-611 599.95

VHS Stereo With Dolby NR Plus HQ System for Higher Resolution Video



NEW FOR 87

499⁹⁵

ESP Available Low As \$23 Per Month*

- Watch, Record and Play MTS Stereo-TV Programs and SAP
- 110-Channel Cable-Ready Tuner
- 23-Function Wireless Remote

Realistic Model 31. HQ system provides a more detailed picture. Simple plug-in connections to your hi-fi system let you enjoy MTS stereo-TV broadcasts and SAP (second language) sound when available. The built-in Dolby NR system reduces tape "hiss" and extends dynamic range on Dolby VHS stereo tapes. You also get standard monaural operation and features that make operation simple. Two-way auto-function turns power on, plays a tape, rewinds it and shuts off VCR automatically or can be set to replay a tape continuously. Tuner/simulcast/aux input selector lets you use this VCR with other components

without having to disconnect and reconnect cables. Other features include digital channel display, power on/off switching from the remote control, high-speed forward/reverse visual search, power-interrupt protection, convenient quick-timer recording, 3-speed recording and playback with automatic playback speed selection, easy-to-program 14-day/5-event digital timer, 4-digit electronic tape counter with memory rewind, LED channel display, precise full-logic mechanism and 1/8" camera pause jack. 3 1/16 x 16 15/16 x 13 5/8". UL listed AC. Remote requires 2 "AAA" batteries. 16-701 499.95

Realistic® Video Tapes Give You Superior Quality at Low Prices—See Page 46 / †TM, Dolby Laboratories Licensing Corp.

OUR VCRs GIVE YOU MORE FOR YOUR MONEY

VHS With New HQ System and Four Heads for Special-Effects Viewing



NEW FOR 87

449⁹⁵

ESP Available Low As \$21 Per Month*

- Easy-to-Use 14-Day/4-Event Timer With Daily and Weekly Repeat
- 111-Channel Cable-Ready Tuner
- 26-Function Wireless Remote

Realistic Model 17. HQ system gives you clearer pictures on the tapes you make and four heads deliver stable still-frame viewing in the SP and EP speeds. The remote control lets you advance frame-by-frame or watch in slow motion without leaving your chair. It also provides TV/VCR selection, pushbutton channel selection and up/down scan tuning. Three-speed record/play permits up to 8 hours of video on one T-160 tape. Playback speed selection is automatic, even if you've recorded at different speeds on the same tape. Also has an easy-to-read digital channel display, automatic rewind at end of tape (except in timer-recording mode), electronic tape counter with

memory rewind, soft-touch controls and a full-logic mechanism for jam-free operation. Quick-timer recording allows you to start a timed recording by pressing one control. The VCR stops automatically at your preset time which you can extend up to four hours. Tuner/aux input selector lets you use accessories or another VCR without having to disconnect cables. Simple backspace editor gives you jitter-free results when you edit out material while recording. Power-interrupt protection preserves the timer's accuracy during brief power failures. 1/8" camera pause jack. 37/8 x 17⁵/₁₆ x 14⁹/₁₆". UL listed AC. Remote requires 2 "AAA" batteries. 16-506 449.95

VHS With Soft-Touch Controls, Easy-Timer Recording and Auto-Rewind



NEW FOR 87

349⁹⁵

ESP Available Low As \$20 Per Month*

- 105-Channel Cable-Ready Tuner With 12 VHF/UHF Presets
- Easy-to-Use 14-Day/4-Event Timer
- 13-Function Wireless Remote

Realistic Model 18. Start enjoying prerecorded tapes and the programs you've been missing when you're away from home or watching another channel. Even our lowest priced VCR gives you the latest low-profile styling and features many other VCRs leave out. Simple backspace editor gives you smooth, jump-free tapes when you edit out unwanted material while recording. A tuner/aux input selector allows you to use accessories or another VCR without having to disconnect cables. Convenient easy-timer recording lets you start a timed recording by pressing a single control. The VCR stops automatically at your preset

time which you can extend up to four hours. Power-interrupt protection preserves the timer's accuracy and memory during brief power failures. The remote control has a TV/VCR selector so you can switch from VCR to antenna or cable-TV without leaving your chair. Also has 3-speed record/play with automatic playback speed selection, high-speed forward/reverse visible search, jamproof full-logic mechanism, automatic rewind at end of tape (except in timer-recording mode) and 1/8" camera pause jack. 37/8 x 16¹⁵/₁₆ x 13¹⁵/₁₆". UL listed AC. Remote requires 2 "AA" batteries. 16-507 349.95

All Realistic VCRs Include the Cables Required for Hookup to Any Standard TV Set

World Radio History

EXPERIENCE THE REALISM OF STEREO TV SOUND



Our Best! 19" Color TV/Monitor With Stereo & Wireless Remote

499⁹⁵

Low As \$23
Per Month*

ESP Available

- Built-In Stereo Tuner and Speakers
- Comb Filter for a More Detailed Picture and Accurate Color
- 140-Channel Cable-Ready Tuner
- Audio and Video Input/Output Jacks For VCR/Disc/Computer Monitoring

Radio Shack High-Resolution TC-1000. Features an advanced comb filter system that dramatically increases picture clarity and color purity. The quartz-locked PLL tuning system gives you convenient soft-touch controls and up/down station selection from the set or the remote. An "offset" switch provides compatibility with most cable TV systems. LED indicators show you when stereo TV is broadcast and when SAP (special audio program) is available. Also features two video inputs that can be selected from the set or the full-function remote. Side-mounted stereo speakers have clip-on reflectors for "up front" audio. Automatic fine-tuning and color controls. UL listed AC. Remote requires 2 "AAA" batteries. **16-250 499.95**

SPECIFICATIONS. Horiz. Resolution: 320 lines. Inputs: video 1/2, audio L/R, 75 and 300-Ohm RF Outputs: video, audio L/R, external 4-8 ohm speakers, 1/8" stereo headphone jack. Audio Controls: tone, balance, mono/stereo, SAP/main, volume up/down. Video Controls: brightness, color, tint, picture. Remote Controls: 10-key channel selector, mute, channel up/down, volume up/down, TV/video, SAP/main, power on-off. Size: 19" 1/16 x 18 5/16 x 18 7/16".

Stereo Sound and Special Audio Program—The Most Exciting Advances in TV Since Color!

Home entertainment will never be the same. With Multichannel TV Sound (MTS), you can sit back and enjoy movies that *sound* like movies. Musical programs and sports events come to life with exciting "you are there" realism. Even talk shows, drama and educational programs become far more enjoyable when the picture is accompanied by stereo hi-fi audio. The "best seats in the house" are in your own living room! The new stereo TV

system also allows for a Special Audio Program (SAP) which can be used for a simultaneous second language soundtrack or completely different material such as news, background music and program information. Both MTS and SAP have a built-in dbx[®] noise reduction system that also extends dynamic range. Stereo TV is broadcast now in over 250 areas, with more on the way! Come to Radio Shack for details and a demonstration.

Add Stereo Sound to Any TV With Our Low-Cost System and Save \$19⁹⁰



- Realistic[®] TV-100 Stereo TV Sound Receiver
- Two Minimus[®]-2.5 TV-Compatible Speakers

Complete System

Reg. Separate
Items 169.85

149⁹⁵

Low As \$20 Per Month*

Realistic TV-100. Not an adapter! Its a complete VHF/UHF stereo TV sound receiver with outputs for speakers and line-level output jacks so you can connect it to your stereo audio system and/or VCR. LEDs indicate when stereo TV is broadcast and when Special Audio Program is available. There's even a built-in synthesizer that gives you high-quality simulated stereo sound from regular TV and other mono sources. 1/4" headphone jack. 2 1/16 x 12 1/2 x 8 5/16". UL listed AC. **16-1284 Alone 139.95**

Minimus-2.5 Speakers. Reduced magnetic leakage allows placement close to most TVs without degrading picture quality. **40-1999 Alone, Each 14.95**

Screen Sizes Measured Diagonally, Simulated Reception. *TM of dbx, Inc.

World Radio History

RADIO SHACK TVs ARE PICTURE PERFECT

*Revolving Credit Available
See Page 3

5 1/2" AC/DC Color TV/Video Monitor



NEW LOW PRICE!

299⁹⁵

Low As \$20 Per Month*

Was \$319.95 in 1986 Catalog

- 21% More Viewing Area Than 5" Sets
- Works on AC, 12VDC Or Batteries

High-performance portable has direct audio and video inputs and outputs for use as a video monitor for a computer or portable VCR. One-touch automatic fine-tuning and color. Video/TV selector. Telescoping rod antenna. 75/300-ohm antenna terminals. Earphone jack. 7 5/16 x 6 1/2 x 12 3/8". UL listed AC (or 10 "D" batteries or DC adapter, extra). 16-107 299.95

Pocket TV With 2.6" Color LCD Screen



NEW FOR 87

199⁹⁵

Low As \$20 Per Month*

Digital-Synthesized Tuning System ■ Built-In Speaker

PocketVision®. Goes anywhere and delivers a vivid color picture that won't wash out, even in bright sunlight. PLL circuit locks all channels precisely on-frequency. Backlight hood for viewing in dim light. Video input for use as a monitor for portable VCR. Telescoping and wire antennas, jacks for external antenna. 1 5/16 x 6 5/16 x 3 1/4". With earphone, carry strap, case. Requires 5 "AA" batteries or AC or DC adapter. 16-157 199.95

New Low Prices! 13" Color TVs - All With Automatic Fine-Tuning



299⁹⁵

Low As \$20 Per Month*

ESP Available Was \$329.95 in 1986 Catalog

13" Color TV With Wireless Remote. Packed with features for outstanding picture clarity and convenient operation. Cable-ready 105-channel electronic tuner with pushbutton up/down scanning, or use the 16-function infrared remote control to select channel, mute or adjust volume, or turn the set on/off. Rapid-on picture and sound cuts warm-up time. LED channel display. Easy-to-use up-front picture controls. VHF dipole and UHF loop antennas, terminals for external 300 and 75-ohm antennas and cable. Earphone jack for private listening. 12 3/4 x 17 3/4 x 14 3/8". UL listed AC. Remote requires 2 "AAA" batteries 16-236 299.95

349⁹⁵

Low As \$20 Per Month*

ESP Available Was \$399.95 in 1986 Catalog

13" Color TV/Video Monitor With Wireless Remote. Our best! Ideal for today's sophisticated video systems. Features 140-channel cable-ready electronic tuner with pushbutton up/down channel scanning and 16-function infrared remote control with mute button. High-tech comb filter processes the video signal for a more detailed picture with vivid, life-like color. Video/audio input/output jacks. TV/monitor switch. Rapid-on picture and sound. Detachable VHF dipole and UHF loop antennas, terminals for external 300 and 75-ohm antennas and cable. Earphone jack. 13 x 14 1/2 x 14 5/8". UL listed AC. Remote requires 2 "AAA" batteries. 16-232 349.95

249⁹⁵

Low As \$20 Per Month*

ESP Available Was \$279.95 in 1986 Catalog

13" Color TV. Our lowest-priced! This dependable, value-packed set features rapid-on picture and sound to cut warm-up time, and one-touch automatic fine-tuning that assures a sharp, detailed picture with gorgeous color. Rotary VHF and UHF channel selectors with preset fine-tuning controls. Color, brightness, tint and picture balance controls are up-front for easy use. Rotary volume control. Solid-state design for years of reliable operation. Detachable VHF dipole and UHF loop antennas, terminals for external 300 and 75-ohm antennas. Walnut-grained molded case. 13 x 18 x 14 1/4". UL listed AC. 16-237 249.95

Take Advantage of Radio Shack's Extended Service Plan—See Page 93

World Radio History

COMPLETE HOME STEREO HI-FI RACK SYSTEMS



Top-Value System 601 Has All the Most-Wanted Components & Features

NEW FOR 87

COMPLETE SYSTEM
599⁰⁰

Low As \$28 Per Month*

COMPLETE SYSTEM
WITH COMPACT
DISC PLAYER

779⁰⁰

Low As \$36 Per Month*

ESP Available

- SA-601 50-Watt Amp ■ TM-601 Digital-Synthesized Tuner
- Built-In 5-Band Equalizer ■ SCT-601 Dual-Cassette Deck
- LAB-601 Turntable ■ Optimus-600 Speakers ■ Audio Rack

Realistic® System 601. Super sound and great looks at a breakthrough price! Integrated amplifier has a built-in equalizer that lets you shape the frequency response to match room acoustics or add "punch" to certain instruments or vocals. You get CD and TV-sound inputs, loudness control, LED function indicators, terminals for main and optional remote speakers. Stereo tuner features a search mode that lets you scan up and down the FM and AM bands. The system stops at each station and locks it on-channel, automatically skipping over weaker stations. Or use the up/down control bar for manual tuning. And you can store 7 FM and 7 AM stations in memory for instant recall. Fluorescent display, FM stereo and memory LEDs. Dual cassette decks let you make high-speed copies of personal tapes in half the normal time and play two tapes in sequence, automatically. Dolby® B noise reduction cuts tape hiss and extends dynamic range on Dolbyized® tapes. Has metal/CrO₂/normal selector, 5-LED peak level meter. Two-speed semi-automatic turntable has whisper-quiet belt drive and premounted magnetic cartridge.

System 601 Components. 31-1101 479.95
 Optimus-600 Speakers. See page 23. 40-1100 Each 99.95
 Optimus-900 Speakers. See page 23. 40-1121 Each 149.95
 Audio Rack. See page 18. 42-1100 119.95

10

Apply for Revolving Credit and Take Home a Complete Audio System Today—See Page 3



Both systems shown with optional CD player. LPs not included.

Full-Feature System 601 With Our Powerful Optimus-900 Speakers

NEW FOR 87

COMPLETE SYSTEM
699⁰⁰

Low As \$33 Per Month*

COMPLETE SYSTEM
WITH COMPACT
DISC PLAYER

879⁰⁰

Low As \$41 Per Month*

ESP Available

SYSTEM 601 SPECIFICATIONS

AMPLIFIER. 50 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.09% total harmonic distortion. **FREQUENCY RESPONSE:** 20-20,000 Hz \pm 1 dB. **S/N:** 75 dB phono, 85 dB aux. **FM TUNER.** Sensitivity (IHF): 2.8 μ V (50.0 dBf) **Capture Ratio:** 2 dB. **S/N:** 60 dB. **Selectivity:** 50 dB. **Image Rejection:** 40 dB. **EQUALIZER.** Band Centers: 50, 250, 1000, 4500, 15,000 Hz. **Range:** \pm 10 dB. **CASSETTE.** **Frequency Response \pm 3 dB:** 40-40,000 Hz (metal), 40-13,000 Hz (CrO₂), 40-12,500 Hz (normal). **Wow and Flutter:** Less than 0.15% WRMS. **S/N:** 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape) **PHONO.** **Rumble:** -60 dB. **Wow and Flutter:** Less than 0.1%. UL listed AC. *TM Dolby Laboratories Licensing Corp.

Add Our CD Player and Save Even More



You can get our Realistic CD-2200 compact disc player, reg. \$199.95, at 10% off when purchased with either system above. With CD you'll enjoy the ultimate in stereo hi-fi sound. See page 19 for the complete description. #42-5003

HI-POWER "EVERYTHING" RACK SYSTEMS

• Revolving Credit Available
See Page 3



Remote Control

Available Sept. 30, 1986



Remote Control

Available Sept. 30, 1986

Both systems shown with optional CD player. LPs and tapes not included.

Our Deluxe System 1000 With Wireless Infrared Remote Control

NEW FOR 87

COMPLETE SYSTEM

999⁰⁰

Low As \$46 Per Month*

COMPLETE SYSTEM WITH COMPACT DISC PLAYER

1179⁰⁰

Low As \$55 Per Month*

ESP Available

- SA-1000 100-Watt Amp ■ TM-1000 Digital-Synthesized Tuner
- EQ-1000 7-Band Equalizer ■ SCT-1000 Dual-Cassette Deck
- LAB-1000 Turntable ■ Optimus-1000 Speakers ■ Audio Rack

Realistic System 1000. ALL the most-wanted features and components, including remote control that lets you adjust/mute volume, pause during recording, even select stations from memory. Powerful integrated amplifier has CD and TV-sound inputs, dual 7-LED power output meters, loudness control and A/B speaker pair switching. Tuner features automatic search tuning, memory presets for 7 FM and 7 AM stations, feather-touch up/down manual tuning. Also has fluorescent display, 3-LED signal strength meter, FM stereo and memory LEDs. Separate equalizer has seven controls for each channel that let you custom-tailor the sound, EQ button to record equalized sound and a bypass button to compare original and equalized sounds. Dubbing cassette deck lets you make copies of personal tapes in half the normal time and play two tapes in sequence. Dolby B NR cuts tape hiss. With dual 5-LED peak recording level meters, metal/CrO₂/normal selector for play/record deck-2, automatic for play-only deck-1. Belt-drive semi-automatic turntable with cue control and magnetic cartridge.

System 1000 Components. 31-1130	589.95
Optimus-900 Speakers. See page 23. 40-1121	Each 149.95
Optimus-1000 Speakers. See page 22. 40-1130	Each 199.95
Audio Rack. See page 18. 42-1130	129.95

Remote Control System 1000 With Our Optimus-900 Speaker Systems

NEW FOR 87

COMPLETE SYSTEM

899⁰⁰

Low As \$42 Per Month*

COMPLETE SYSTEM WITH COMPACT DISC PLAYER

1079⁰⁰

Low As \$50 Per Month*

ESP Available

SYSTEM 1000 SPECIFICATIONS

AMPLIFIER. 100 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.09% total harmonic distortion. **Frequency Response:** 20-20,000 Hz \pm 1 dB. **S/N:** 75 dB phono, 85 dB aux. **FM TUNER.** Sensitivity (IHF): 2.8 μ V (50 dB μ). **Capture Ratio:** 2 dB. **S/N:** 60 dB. **Selectivity:** 50 dB. **Image Rejection:** 40 dB. **EQUALIZER.** Band Centers: 60, 150, 400, 1000, 2500, 6000, 15,000 Hz. **Range:** \pm 10 dB. **CASSETTE.** **Frequency Response** \pm 3 dB: 40-14,000 Hz (meta), 40-13,000 Hz (CrO₂), 40-12,500 Hz (normal). **Wow and Flutter:** Less than 0.15% WRMS. **S/N:** 60dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **PHONO.** **Rumble:** -60 dB. **Wow and Flutter:** Less than 0.1%. UL listed AC. Remote requires 2 "AA" batteries.

Save More When You Add This CD Player

Our Realistic CD-2200 compact disc player, reg. \$199.95, is yours at 10% off when purchased with either system above. With CD, you'll enjoy music with incredible clarity and dynamic range. See page 19 for full description. #42-5003



Protect Your Hi-Fi Investment With Radio Shack's Extended Service Plan—See Page 93

World Radio History

OUR BEST! DIGITAL-SYNTHESIZED RECEIVER



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

NEW FOR 87

499⁹⁵

Low As \$23
Per Month*

ESP Available

- Quartz Crystal Tuning Locks Each Station Precisely On-Frequency
- Search, Memory and Manual Tuning ■ Fluorescent Power/Tuning Meters

Realistic® STA-2600. One of the finest stereo receivers we've ever offered! This versatile powerhouse brings together the latest advances in microprocessing and audio technology, resulting in amazing sonic purity and fingertip control. It's the ideal receiver to serve as the heart of a sophisticated digital system. Use the feather-touch control bar to manually tune up and down the FM and AM bands. Or, use the search mode to scan to the next available station. The system locks stations on-frequency, automatically skipping over weaker stations. You can even store 6 FM and 6 AM stations in memory for instant recall. Digital fluorescent display shows exact station frequencies. Also features separate 11-step bass, treble and midrange con-

trols, and an extra-large volume control. Tone defeat lets you override tone controls for a ruler-flat response. Includes inputs for a compact disc player, video sound source, magnetic turntable and two tape decks. Built-in tape control center for 2-way dubbing and 2-deck monitoring. Loudness control enhances bass response at low volume. MPX blend cuts hiss on weak FM stereo stations. FM muting eliminates interstation tuning noise. High-filter cleans up record "scratch". Subsonic filter eliminates power-robbing distortion. Five LED function indicators show you mode selection at a glance. Station memory and FM stereo LEDs. Fully protected against overheating and overload. UL listed AC. 31-3015 499.95

SPECIFICATIONS

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 100 dB aux. Phono Overload: 170 mV. Phono Equalization: RIAA \pm 2 dB. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dB μ). S/N: 70 dB. Capture Ratio: 1.5 dB. Selectivity: 70 dB. Image Rejection: 70 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.2%. Channel Separation (at 1 kHz): 52 dB. **EXTERNAL CONNECTIONS:** AM antenna and 75 or 300-ohm FM antenna. A and B speaker pairs, 1/4" stereo headphone, tape 1 and 2 input/output, magnetic phono, TV/aux, CD/aux, two AC convenience outlets. **SIZE:** 5 1/4 x 18 3/4 x 14 1/2".



Save
\$200⁸⁰

SYSTEM

829⁰⁰

Low As \$38 Per Month*

Reg. Separate
Items
1029.80

- Realistic STA-2600 AM/FM Stereo Receiver
- Two Optimus® T-120 3-Way Tower Speakers
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Moving-Magnet Cartridge



Save
\$260⁷⁵

SYSTEM

1019⁰⁰

Low As \$47 Per Month*

Reg. Separate
Items
1279.75

- Realistic STA-2600 AM/FM Stereo Receiver
- Two Optimus-1000 3-Way Speaker Systems
- LAB-1600 Linear-Tracking Turntable
- SCT-82 Logic-Controlled Cassette Deck



Save
\$310⁷⁰

SYSTEM

1259⁰⁰

Low As \$58 Per Month*

Reg. Separate
Items
1569.70

Recordings
not included

- STA-2600 High-Power Stereo Receiver
- Two Mach-Two® Digital-Ready Speakers
- CD-1400 Digital Disc Player With Remote
- SCT-100 Dual-Cassette Deck ■ Audio Rack

HI-POWER PLUS IMX* STEREO EXPANDER

• Revolving Credit Available
See Page 3



60 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.02% TOTAL HARMONIC DISTORTION

NEW FOR 87

399⁹⁵

ESP Available

Low As \$20
Per Month*

- Patented Stereo Expander Dramatically Enlarges the Sound Stage
- Digital-Synthesized Tuning ■ Fluorescent Power/Tuning Meters

Realistic STA-2280. Advanced features and dynamic audio power combine to add a new dimension to high-fidelity sound. The stereo expander circuit creates an effect similar to the latest reflecting-type speakers. You hear a wide sound stage which extends *beyond* the speakers. Every vocalist and instrument sound seems to come from a more precise position, giving the music an amazing "live" quality. And since IMX widens the sound field electronically, you can vary it to suit your listening area and also enjoy it with headphones. IMX can be switched out for an instant comparison with unprocessed audio. Tuner features a search mode for scanning up and down the FM and AM bands automatically—the system stops at each station

and locks it on-frequency. You can use the feather-touch control bar for manual tuning, and program 6 FM and 6 AM stations in memory for instant recall. Exact station frequencies are shown on the digital fluorescent display. FM muting eliminates tuning noise between stations. Separate 11-step bass, treble and midrange controls, loudness for improved bass response at low volume. High-filter cleans up record "scratch". Subsonic filter cuts power-robbing distortion. Stereo/mono pushbutton. Monitor and dubbing controls for two tape decks. Also has inputs for compact disc player, video sound source and magnetic turntable. LED indicators for function, memory, FM stereo and stereo expander. UL listed AC. 31-3006 399.95

SPECIFICATIONS

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 84 dB phono, 100 dB aux. Phono Overload: 170 mV. Phono Equalization: RIAA ± 2 dB. FM TUNER. Sensitivity (IHF): 1.7 μ V (9.8 dBf). S/N: 70 dB. Capture Ratio: 1.0 dB. Selectivity: 70 dB. Image Rejection: 75 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.3%. Channel Separation (at 1 kHz): 48 dB. EXTERNAL CONNECTIONS: AM antenna and 75 or 300-ohm FM antenna. A and B speaker pairs, 1/4" stereo headphone, tape 1 and 2 input/output, magnetic phono, TV/aux, CD/aux, two AC convenience outlets. SIZE: 4 1/16" x 18 1/16" x 14 1/2". *TM Sci-Coustics, Inc.



Save
\$170⁸⁰

SYSTEM
689⁰⁰

Low As \$32 Per Month*

Reg.
Separate
Items
859.80

- Realistic STA-2280 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- LAB-1600 Front-Loading, Linear-Tracking Turntable With Magnetic Cartridge

Save
\$220⁷⁵

SYSTEM
899⁰⁰

Low As \$42 Per Month*

Reg.
Separate
Items
1119.75

- Realistic STA-2280 AM/FM Stereo Receiver
- Two Optimus T-120 3-Way Tower Speakers
- LAB-2200 Linear-Tracking Turntable
- Realistic SCT-74 Dual-Cassette Deck

Save
\$270⁷⁰

SYSTEM
1079⁰⁰

Low As \$50 Per Month*

Recordings
not included

Reg.
Separate
Items
1349.70

- STA-2280 AM/FM Stereo Receiver
- Two Optimus-1000 3-Way Speaker Systems
- CD-2200 Compact Digital Disc Player
- SCT-100 Dual-Cassette Deck ■ Audio Rack

Protect Your Audio Investment With Our Extended Service Plan—Come in for Free Brochure

DIGITAL-SYNTHESIZED RECEIVERS & SYSTEMS

Start Your Stereo System
With This Versatile
Feature-Packed Performer

NEW
FOR 87

259⁹⁵

Low As \$20 Per Month*
ESP Available

Available Sept. 30, 1986

- Memory Stores Up to 6 FM and 6 AM Stations
- One-Touch Automatic Search Tuning System
- Digital Fluorescent Frequency Display

Realistic® STA-116. Space-age technology at your fingertips. Digital tuning lets you scan up and down the FM and AM bands. The system stops at each station and locks it in with quartz accuracy. The feather-touch control bar makes manual tuning easy, too. Also features 5-LED signal strength meter, FM stereo LED indicator and automatic station memory-retention for temporary AC power failure. Loudness control for enhanced bass at lower volume settings. Subsonic filter reduces distortion. Protected against overheating and overload. UL listed AC. 31-2012 259.95

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 92 dB aux. Phono Overload: 120 mV. FM TUNER. Sensitivity (IHF): 1.9 μ V (10.8 dBf). Capture Ratio: 1.5 dB. S/N: 72 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 48 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux. A and B speaker pairs, 1/4" headphone. Size: 4 3/4 x 16 1/2 x 10 5/8"



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



Save \$130⁷⁵ SYSTEM
529⁰⁰
Reg. Separate Items 659.75
Low As \$25 Per Month.

- Realistic STA-116 AM/FM Stereo Receiver
- Two Optimus®-600 3-Way Speaker Systems
- LAB-330 2-Speed Belt-Drive Turntable
- SCT-45 Stereo Cassette Dubbing Deck



Save \$190⁷⁰ SYSTEM
749⁰⁰
Reg. Separate Items 939.70
Low As \$35 Per Month.

- Realistic STA-116 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- LAB-430 Direct-Drive Turntable
- 10-Band EQ. With Expander ■ Audio Stand

Programmable AM/FM
Stereo Receiver
Packed With Power

349⁹⁵

Low As \$20 Per Month*
ESP Available

- Computerized Memory Stores Up to 6 FM and 6 AM Stations for Instant Recall Anytime
- Digital Fluorescent Frequency Display

Realistic STA-780. Precision controls and dynamic audio power! Tuner features a search mode that lets you scan up and down the FM and AM bands. The system stops at each station and locks it on-channel, automatically skipping weaker stations. Or use the feather-touch control bar for manual tuning. 5-LED signal strength meter, plus LED indicators for loudness, tape monitor, function, FM stereo, search and station memory. FM muting blanks interstation noise, subsonic filter reduces distortion. Bass and treble slide controls. Stereo/mono pushbuttons. UL listed AC. 31-2068 . . . 349.95

AMPLIFIER. Response: 15-20,000 Hz \pm 1 dB. S/N: 83 dB phono, 90 dB aux. Phono Overload: 158 mV. FM TUNER. Sensitivity (IHF): 1.8 μ V (10.8 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 40 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux. A and B speaker pairs, 1/4" headphone. Size: 4 3/4 x 16 1/2 x 10 5/8"



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



Save \$190⁷⁵ SYSTEM
729⁰⁰
Reg. Separate Items 919.75
Low As \$34 Per Month.

- Realistic STA-780 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- LAB-2200 Linear-Tracking Turntable
- 10-Band Equalizer With Stereo Expander



Save \$240⁷⁰ SYSTEM
969⁰⁰
Reg. Separate Items 1205.70
Low As \$45 Per Month.

- Realistic STA-780 AM/FM Stereo Receiver
- Two Optimus T-120 3-Way Tower Speakers
- LAB-1600 Linear-Tracking Turntable
- SCT-74 Dual-Cassette ■ Audio Stand

Prices Apply at Participating Radio Shack Stores and Dealers/Systems Do Not Include Recordings

World Radio History

TWO MORE GREAT RECEIVERS & SYSTEMS

• Revolving Credit Available
See Page 3

Digital-Synthesized AM/FM Stereo Receiver With Search Tuning

NEW FOR 87

219⁹⁵

Low As \$20 Per Month*
ESP Available

Available Oct. 30, 1986

- Search Mode Lets You Scan Up and Down the FM and AM Bands to Find Stations Easily
- Easy-to-See Color LCD Frequency Display

Realistic STA-125. This feature-packed receiver is also user-friendly. Just press the feather-touch tuning control in forward or reverse mode and the digital system locks in the next station with quartz accuracy. You can store up to six FM and six AM stations in memory for instant recall. FM stereo LED, 5-step LED signal strength meter. Loudness for enhanced bass at low volume. Noise-cancelling circuitry eliminates switching "pops" that can damage speakers. FM muting silences tuning noise between stations. Fully protected against overheating and overload. UL listed AC. 31-2064 219.95

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 88 dB aux. Phono Overload: 148 mV. **FM TUNER.** Sensitivity (IHF): 2.3 μ V (12.4 dBf). Capture Ratio: 2.0 dB. S/N: 72 dB. Stereo Harmonic Distortion: 0.6%. Separation (at 1 kHz): 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, 1/4" headphone. Size: 4¹⁵/₁₆ x 16¹/₂ x 9¹³/₁₆"



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



Save \$90⁸⁰

Reg. Separate Items 459.80

SYSTEM
369⁰⁰

Low As \$20 Per Month*

- Realistic STA-125 Digital-Synthesized AM/FM Stereo Receiver
- Two Nova[®]-15 2-Way Bass-Reflex Speakers
- LAB-330 2-Speed Belt-Drive Turntable



Save \$150⁷⁰

Reg. Separate Items 749.70

SYSTEM
599⁰⁰

Low As \$28 Per Month*

- Realistic STA-125 AM/FM Stereo Receiver
- Two Optimus-600 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable
- 10-Band Stereo Equalizer ■ Audio Stand

Powerful AM/FM Receiver With IMX* Stereo Expander

NEW LOW PRICE!

319⁹⁵

Was 359.95 in 1986 Catalog
Low As \$20 Per Month*

ESP Available

- Stereo Expander Creates a Dramatically Enlarged Sound Image Ordinary Receivers Can't Match
- 11-Segment LED Audio Power Output Meter

Realistic STA-870. Features the patented IMX Stereo Expander which creates a dramatically widened soundstage that extends beyond your speakers. The sound takes on an amazing lifelike ambience. And exclusive Auto-Magic[®] fine-tunes FM stations for you. Also has 5-segment signal strength meter, FM stereo LED, illuminated function indicators. Noise-cancelling circuitry eliminates switching "pops" that can damage speakers. FM mute, loudness, tape monitor, sub and high filter controls. Lighted dial pointer. UL listed AC. 31-3001 319.95

AMPLIFIER. Response: 20-20,000 Hz \pm 1 dB. S/N: 83 dB phono, 86 dB aux. Phono Overload: 175 mV. **FM TUNER.** Sensitivity (IHF): 1.9 μ V (10.8 dBf). Capture Ratio: 1.0 dB. S/N: 78 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, 1/4" headphone. Size: 4³/₄ x 18¹/₂ x 10⁵/₁₆" *TM Sci-Coustics, Inc.



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



Save \$170⁷⁵

Reg. Separate Items 819.75

SYSTEM
649⁰⁰

Low As \$30 Per Month*

- Realistic STA-870 AM/FM Stereo Receiver
- Two Optimus-600 3-Way Speaker Systems
- LAB-330 2-Speed Belt-Drive Turntable
- SCT-82 Auto-Reverse Cassette Deck



Save \$230⁷⁰

Reg. Separate Items 1149.70

SYSTEM
919⁰⁰

Low As \$43 Per Month*

- Realistic STA-870 AM/FM Stereo Receiver
- Two Optimus T-120 3-Way Tower Speakers
- LAB-430 Direct-Drive Automatic Turntable
- SCT-74 Dual-Cassette ■ Audio Stand

Protect Your Investment With Radio Shack's Extended Service Plan - See Page 93

VERSATILE AM/FM STEREO CASSETTE/RECEIVERS

Digital-Synthesized With Dolby*
B-C NR & 12-Station Memory

ESP Available

379⁹⁵

Low As \$20 Per Month*

- Memory Stores Up to 6 FM and 6 AM Stations
- Digital Fluorescent Frequency Display
- Dual 5-Segment LED Peak Audio Level Meters

Realistic* SCR-3010. High-tech features usually found only in separate components are yours in a single, space-efficient enclosure. Manually tune stations with the touch of a button, or use the search mode to automatically find and lock-in stations. Fluorescent 5-segment signal strength meter. High-quality deck records from radio, phono and aux/TV inputs, or with optional mikes. Dolby B-C noise reduction cuts tape hiss and extends dynamic range. Also has soft-touch controls, metal/CrO₂/normal tape bias selectors, left/right record level controls, tape counter and auto-stop. Memory, record, play, pause, Dolby and power-on LEDs. 1/4" headphone jack. UL listed AC. 31-1998 379.95

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 81 dB phono, 90 dB aux. Phono Overload: 130 mV. **FM TUNER.** Sensitivity (IHF): 1.9 µV (10.8 dBf). Capture Ratio: 1.5 dB. S/N: 72 dB. Selectivity: 73 dB. Image Rejection: 70 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 48 dB. **CASSETTE.** Response ± 3 dB: 30-16,000 Hz (metal); 30-16,000 Hz (CrO₂); 30-15,000 Hz (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: 59 dB Dolby B; 68 dB Dolby C (CCIR weighted). **Size:** 4⁵/₁₆ x 17³/₁₆ x 10⁵/₁₆"

*TM Dolby Laboratories Licensing Corp.



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



Save \$120⁸⁰ SYSTEM
479⁰⁰
Reg. Separate Items 599.80
Low As \$22 Per Month*

- Realistic SCR-3010 Cassette/Receiver
- Two Minimus*-35 2-Way Speaker Systems
- LAB-330 Belt-Drive Automatic Turntable



Save \$140⁸⁰ SYSTEM
569⁰⁰
Reg. Separate Items 709.80
Low As \$27 Per Month*

- Realistic SCR-3010 Cassette/Receiver
- Two Optimus*-600 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable

Lowest Priced! With Dolby NR
And Soft-Touch Tape Controls

ESP Available

199⁹⁵

Low As \$20 Per Month*

- Dolby B NR Cuts Hiss, Extends Dynamic Range
- Dual 5-Segment LED Audio Level Output Meters
- Metal/CrO₂/Normal Tape Selector ■ Auto-Stop

Realistic SCR-2500. Two of the most-wanted components at a price that's less than you might pay for a receiver or cassette deck alone. Sensitive tuner has LED FM stereo and precise-tuning indicators. Cassette deck lets you record from the tuner, phono and aux inputs, or "live" using the mike jacks. LED record and Dolby indicators, left/right record level controls, tape counter. Loudness control for improved bass response, at low volume. Twin protection circuits safeguard against overheating and speaker overload. 1/4" headphone jack. UL listed AC. 31-1995 199.95

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 80 dB phono, 85 dB aux. Phono Overload: 110 mV. **FM TUNER.** Sensitivity (IHF): 2.0 µV (11.2 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. Selectivity: 55 dB. Image Rejection: 38 dB. Stereo Harmonic Distortion: 0.9%. Separation (at 1 kHz): 35 dB. **CASSETTE.** Response ± 3 dB: 60-12,000 Hz (metal); 60-10,000 Hz (CrO₂); 60-10,000 Hz (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: 52 dB Dolby B (CCIR weighted). **Size:** 4⁵/₁₆ x 17 x 8⁷/₁₆"



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



Save \$74⁸⁰ SYSTEM
285⁰⁰
Reg. Separate Items 359.80
Low As \$20 Per Month*

- Realistic SCR-2500 Cassette/Receiver
- Two MC-800 2-Way Walnut Veneer Speakers
- LAB-89 Belt-Drive Automatic Changer



Save \$90⁸⁰ SYSTEM
349⁰⁰
Reg. Separate Items 439.80
Low As \$20 Per Month*

- Realistic SCR-2500 Cassette/Receiver
- Two Nova*-15 2-Way Bass-Reflex Speakers
- LAB-330 Belt-Drive Automatic Turntable

Turntables and Changers on These Two Pages Include Base, Dust Cover and Magnetic Cartridge.

World Radio History

AM/FM STEREO RECEIVERS AND SYSTEMS

• Revolving Credit Available
See Page 3

Affordable AM/FM Receiver With Exclusive Auto-Magic®

ESP Available

179⁹⁵

NEW FOR 87

Low As \$20 Per Month*

Available Sept. 30, 1986

- Auto-Magic Fine-Tuning Automatically Locks In FM Stations for Best Reception and Sound
- 5-LED Signal Strength Meter for Easy Tuning



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

Realistic STA-460. Attractive styling and dependable performance at a remarkable price! Has all the features and controls that make it the perfect choice for your first system. Phase-locked loop IC circuit assures wider dynamic range. FM stereo and perfect-tuning LED indicators, lighted dial pointer. Loudness button for enhanced bass response, even at low volume. Noise-cancelling circuitry eliminates switching "pops" that can damage speakers. FM muting silences tuning noise between stations. A/B speaker-pair switching, stereo/mono switch. Rotary bass, treble, volume and balance controls. Tape, phono, CD/aux and TV/aux inputs. Fully protected against overheating and overload. UL listed AC. 31-2100 **179.95**

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 85 dB phono, 88 dB aux. Phono Overload: 140 mV. **FM TUNER.** Sensitivity (IHF): 2.8 μ V (14.2 dBf). Capture Ratio: 3.0 dB. S/N: 68 dB. Selectivity: 50 dB. Image Rejection: 50 dB. Stereo Harmonic Distortion: 0.6%. Separation (at 1 kHz): 34 dB. Size: 4 x 16¹/₂ x 9".



Save \$70⁸⁰ SYSTEM
269⁰⁰

Reg. Separate Items 339.80

Low As \$20 Per Month*

- Realistic STA-460 AM/FM Stereo Receiver
- Two MC-800 2-Way Walnut Veneer Speakers
- LAB-89 Belt-Drive Automatic Changer



Save \$90⁷⁵ SYSTEM
369⁰⁰

Reg. Separate Items 459.75

Low As \$20 Per Month*

- Realistic STA-460 AM/FM Stereo Receiver
- Two MC-1800 2-Way Walnut Veneer Speakers
- LAB-330 Turntable ■ SCT-35 Cassette Deck

Personal-Size Receiver With Auto-Magic Fits Almost Anywhere

ESP Available

119⁹⁵

Low As \$20 Per Month*

- Auto-Magic Fine Tunes FM for You
- 1/8" Jacks for Adding Lightweight Headphones & Mini Cassette Player

Realistic STA-19. Don't let the small "desktop" size fool you—it's a solid performer that delivers superb stereo sound! It's ideal for powering a small system in dorm room or office, or a second system in your den or workshop. Special EQ switch provides uniform energy output at all frequencies for a rich, full sound even from mini-speakers. FM stereo and tuning LEDs, easy-to-read tuning dial with LED pointer. Loudness control enhances bass response at low volume. Function switch for FM auto, AM, phono and tape. Walnut vinyl-over-metal case. UL listed AC. 31-1975 **119.95**

AMPLIFIER. Response: 40-20,000 Hz ± 1 dB. S/N: 70 dB phono, 72 dB aux. **FM TUNER.** Sensitivity (IHF): 7.0 μ V (22.3 dBf). Capture Ratio: 3.0 dB. S/N: 60 dB. Selectivity: 55 dB. Image Rejection: 38 dB. Stereo Harmonic Distortion: 1.0%. Separation (at 1 kHz): 35 dB. Size: 2⁵/₈ x 10³/₈ x 6³/₄".



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



Save \$44⁸⁵ SYSTEM
175⁰⁰

Reg. Separate Items 219.85

Low As \$20 Per Month*

- Realistic STA-19 Personal-Size AM/FM Stereo Receiver With Auto-Magic
- Two Minimus-7 2-Way Speaker Systems



Save \$70⁸⁰ SYSTEM
269⁰⁰

Reg. Separate Items 339.80

Low As \$20 Per Month*

- Realistic STA-19 AM/FM Stereo Receiver
- Two Minimus-35 2-Way Speaker Systems
- LAB-89 Belt-Drive Automatic Changer

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

MINI STEREO COMPONENTS AND AUDIO RACKS



**Compact AM Stereo Tuner
Adds a New Dimension to
Your AM Entertainment**

59⁹⁵

Realistic® TM-152. Enjoy a wider choice of stereo programming. Pulls in full-dimensional stereo from any station broadcasting the Motorola C-Quam stereo system. Mono/stereo button, AM stereo LED, built-in antenna and terminals for external antenna. Walnut vinyl veneer, aluminum front panel. 2 1/2 x 9 1/4 x 6". UL listed AC. 31-1967 59.95

- Low-Cost Way to Add Great-Sounding AM Stereo To Any System With Line-Level Inputs
- 5-Segment LED Signal Strength Level Meter

Matching Mini Stereo Tuner and Amplifier

59⁹⁵ Each

**Use Together as a Mini System
Or With Other Components**

Realistic TM-150 AM/FM Stereo Tuner. Phase-locked loop circuitry for superb stereo. Mono switch, FM stereo LED and lighted dial. AM antenna, terminals for external FM antenna. 2 1/2 x 9 x 6". UL listed AC. 31-1956 59.95

Realistic SA-150 Stereo Amplifier. Use with tuner, tape or changer. Mono/stereo button, tone control, 1/4" headphone jack. 2 1/2 x 9 x 6". UL listed AC. 31-1955 59.95



**Micro Stereo
Amplifier 29⁹⁵**

Realistic SA-10. Space-saver! Inputs for ceramic phono, tuner or tape deck. Stereo/mono button, tone and L/R volume controls. 3 1/4 x 7 7/8 x 5 1/2". UL listed AC. 31-1982 29.95

**Save
\$34⁷⁵**

Reg. Separate
Items 163.75

SYSTEM

129⁰⁰

Low As \$20
Per Month*



- Realistic SA-10 Micro Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus®-0.3 Cube Speaker Systems
- SCP-30 Stereo Cassette Playback Deck

**Save
\$44⁷⁵**

Reg. Separate
Items 213.75

SYSTEM

169⁰⁰

Low As \$20
Per Month*



- Realistic SA-150 Mini Stereo Amplifier
- Realistic TM-152 AM Stereo Tuner
- Two Minimus-17 Walnut Veneer Speakers
- SCP-30 Stereo Cassette Playback Deck

**Save
\$60⁷⁵**

Reg. Separate
Items 279.75

SYSTEM

219⁰⁰

Low As \$20
Per Month*



- Realistic SA-150 Mini Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-25 2-Way Speaker Systems
- SCP-25 Auto-Reverse Cassette Play Deck

Hickory Grained Audio Cabinet

119⁹⁵

Low As \$20
Per Month*

Full-length tempered glass doors and hinged top, three adjustable shelves, storage area for LPs and tapes. Metal supports, heavy-duty swivel casters. Easy assembly. Vinyl veneer finish. 37 1/2 x 21 1/4 x 17 1/4". 42-3029 119.95

Walnut Veneer Audio Cabinet

119⁹⁵

Low As \$20
Per Month*

Three shelves, tempered glass door, hinged top. Plenty of storage space for discs, LPs or tapes. Heavy-duty swivel casters. Easy assembly. 40 1/16 x 18 3/8 x 17 1/2". 42-1100 119.95

Deluxe Audio Cabinet

NEW FOR 87

129⁹⁵

Low As \$20
Per Month*

Available
Sept. 30, 1986

Tempered glass door, hinged top. Heavy-duty swivel casters. Easy assembly. Walnut veneer. 45 1/16 x 18 3/8 x 17 1/2". 42-1130 129.95

TV/Video Cabinet

NEW FOR 87

99⁹⁵

Low As \$20
Per Month*

Available
Sept. 30, 1986

Set TV on top, VCR on shelf. Tempered glass door, heavy-duty swivel casters. Real walnut veneer. Easy assembly. 21 3/8 x 25 1/2 x 15 3/8". 42-1140 99.95

COMPACT DISC—THE ULTIMATE IN AUDIO

• Revolving Credit Available
See Page 3

Enjoy Digital Stereo Anywhere With Radio Shack's Portable CD Player

NEW FOR 87

279⁹⁵

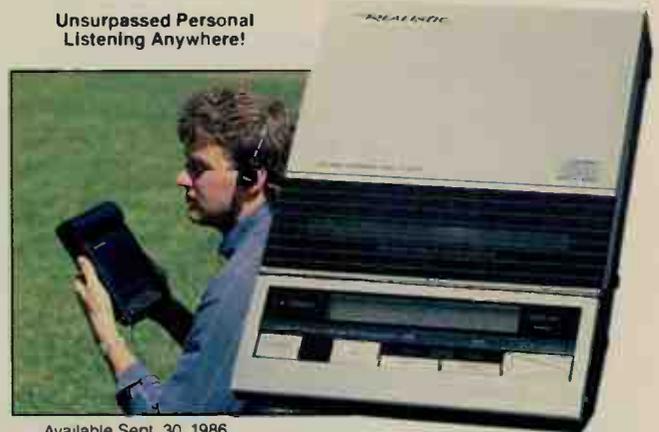
Low As \$20 Per Month* ESP Available

Unsurpassed Personal Listening Anywhere!

- Listen Through Headphones or Connect to Home Stereo System
- High-Speed Audible Search Helps You Find Selections Fast

Realistic CD-3000. Lightweight and compact for superb stereo sound at home or away. With CD there's no rumble, no distortion, no surface noise—just pure music with astonishing clarity and dynamic range. Tri-Spot laser pickup system assures accurate tracking. Auto-search music system restarts a selection or plays the next one with the touch of a button. While operating on AC, you can program the memory to play 16 selections in any order, and repeat-play one or any group of selections, or an entire disc. Has LCD display and mode indicators. 1/8" stereo headphone jack, audio output cable. With battery pack and UL listed AC adapter. Requires 6 "C" batteries. 42-5005 279.95

Frequency Response: 5-20,000 Hz +0.5 dB, -1.5 dB. S/N: 73 dB. Dynamic Range: 73 dB. Separation (at 1 kHz): 73 dB. Harmonic Distortion: 0.01%. Wow and Flutter: Below measurable limits. Size: 1 7/16 x 5 x 6 7/8".



Available Sept. 30, 1986

Step Up to Audio Perfection With a Realistic Compact Disc Player



Frequency Response: 5-20,000 Hz +0.5 dB, -1.0 dB. S/N: 92 dB. Dynamic Range: 92 dB. Separation (at 1 kHz): 90 dB. Harmonic Distortion: 0.005%. Wow and Flutter: Below measurable limits. Size: 3 1/4 x 12 9/16 x 12 1/16".



Frequency Response: 5-20,000 Hz +0.5 dB, -1.0 dB. S/N: 92 dB. Dynamic Range: 92 dB. Separation (at 1 kHz): 90 dB. Harmonic Distortion: 0.005%. Wow and Flutter: Below measurable limits. Size: 2 3/4 x 14 9/16 x 10 7/16".

Digital Stereo at a Breakthrough Low Price

NEW FOR 87

199⁹⁵

Low As \$20 Per Month* ESP Available

Available Sept. 30, 1986

Realistic CD-2200. Super value! Easy-to-operate player lets you add the sensational sound of digital disc to your system at a very modest price. Features include Tri-Spot laser pickup system, auto-search music system and a programmable memory that plays up to 15 selections in any order. Pushbutton repeat-play of one or any group of selections, or an entire disc. High-speed access to selections, index search, fluorescent display. UL listed AC. 42-5003 199.95

CD Player With Wireless Remote Control

NEW FOR 87

259⁹⁵

Low As \$20 Per Month* ESP Available

Available Sept. 30, 1986

Realistic CD-1400. Combines state-of-the-art digital sound and convenient remote operation. You can play, pause, fast-forward and fast-reverse, stop, repeat, search up/down for index selections, clear entries, even use the auto-search music system—all from the infrared remote or at the unit. Also features Tri-Spot laser pickup system, 15-selection programmable memory and pushbutton repeat-play of an entire disc, or one or any group of selections. Fluorescent display. UL listed AC. Remote requires 2 "AA" batteries. 42-5004 259.95



Classic Favorites By the Masters

12⁹⁵

NEW FOR 87

Available Oct. 30, 1986

New Sound of the Masters

Hear the brilliance of a full orchestra like you've never heard it before! Works by Mozart, Beethoven, Ravel, Dvorak, Mussorgsky and others. 51-5005 12.95



First-Class Jazz Greats

12⁹⁵

NEW FOR 87

Available Oct. 30, 1986

Jazz Never Sounded Better

The legendary greats display their amazing talents in this true digital showcase. Includes Spyro Gyra, Crusaders, Larry Carlton, David Grisman, Skywalk. 51-5006 12.95



Oldies But 80's

12⁹⁵

NEW FOR 87

Available Oct. 30, 1986

Yesterday's Best Go Digital

The legends of rock shine on this awesome disc! Features Sam and Dave, Martha Reeves, The Chiffons, Lesley Gore and The Crystals. 51-5007 12.95

Take Advantage of Radio Shack's Extended Service Plan - See Page 93

World Radio History

PRECISION LINEAR-TRACKING TURNTABLES

Computer-Controlled Direct-Drive With Selectable Repeat Function

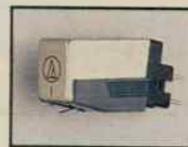


NEW
FOR 87

139⁹⁵

Low As \$20 Per Month •

ESP Available



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge

- Programmable to Repeat One Side Over and Over
- Linear-Tracking Tonearm Plays Records the Same Way They Were Cut for Superior Sound
- Convenient, Front-Panel Soft-Touch Controls

Realistic® LAB-2200. A built-in microprocessor monitors the straight-line, low-mass tonearm to maintain proper stylus angle over the full surface of the record. The result is zero tracking error for cleaner sound and longer record life. Plug-in cartridge tracks at less than 1½ grams. Fully automatic start and shut-off operation. Soft-touch pushbuttons provide logic-controlled cueing and bi-directional positioning so you never have to touch the tonearm. Built-in neon strobe and pitch control for precise adjustment. Also features automatic speed selection and record size control, plus a powerful, brushless DC servo motor. LED indicators for repeat, 33½ and 45-RPM speeds. Includes 45-RPM adapter. Rumble: -62 dB. Wow and flutter: less than 0.06%. 4 x 13½ x 13¼" UL listed AC. 42-2916 139.95

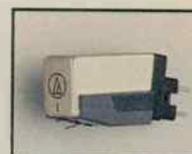
Front-Loading Fully Automatic Belt-Drive With Zero Tracking Error



159⁹⁵

Low As \$20 Per Month •

ESP Available



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge

- Powered Drawer Slides Out for Easy Loading ■ Perfect for Rack Systems
- Low-Mass, Linear-Tracking Tonearm Plays Records the Same Way They Were Cut for Studio-Quality Sound Reproduction With Low Distortion

Realistic LAB-1600. A revolutionary turntable design! The tonearm is guided by a microprocessor which keeps the stylus at the exact angle to the groove at all times. You get super sound with less wear on your records. And with the unique front-loading design, you can put this turntable in spaces as little as 6" high—like on a shelf in the *middle* of your audio rack! A light touch is all it takes to extend the drawer and load or change a disc. Another touch and the drawer retracts, ready for fully-automatic start and shut-off operation. Flat panel controls also allow you to raise and lower the tonearm and position it over any track without ever touching the arm itself. Pushbutton controls for 33½ or 45-RPM speeds and disc size. DC servo motor. Power-on LED. With 45-RPM adapter. Rumble: -65 dB. Wow and flutter: less than 0.08%. 4 x 13½ x 13¼" UL listed AC. 42-2905 159.95

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

HIGH-QUALITY REALISTIC® TURNTABLES

• Revolving Credit Available
See Page 3

Belt-Drive Automatic Turntable With Switchable Stereo Preamplifier

NEW FOR 87

79⁹⁵

ESP Available

Includes Realistic/
Audio-Technica
Dual-Magnet
Cartridge



- Preamp Matches Equipment Having Only Ceramic-Phono Inputs, Switches "Out" to Match Magnetic-Phono Inputs
- Connects to Almost Any Stereo Music System
- Automatic Arm Return and Shutoff ■ Fixed Anti-Skate

Realistic LAB-330. This versatile turntable delivers great sound with any stereo system. Compatible with magnetic phono, ceramic phono, aux and even tape inputs. Belt-drive absorbs vibrations. Built-in strobe light and pitch control let you make fast, accurate speed adjustments. Straight-line tonearm provides precise tracking. Damped cue lever for manual operation. Pushbutton selector for 33 $\frac{1}{3}$ and 45-RPM. Electronically controlled DC motor. 45-RPM adapter. Rumble: -55 dB. Wow and flutter: less than 0.1%. 3 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 12 $\frac{3}{4}$ " UL listed AC. 42-2917 79.95



Available Sept. 30, 1986

Direct-Drive Automatic Turntable With Easy-Access Front Controls

129⁹⁵

ESP Available Low As \$20 Per Month •

Includes \$29.95
Realistic/Shure
Moving-Magnet
Cartridge



- Convenient Neutral Speed Setting Makes Cut-Cueing Easy
- Neon Strobe With Pitch Control for Speed Adjustments

Realistic LAB-430. Pro-quality features and sound at a great price! Controls are located on front panel for easy operation. Damped cueing sets tonearm gently on records. With automatic arm return and shutoff, 33 $\frac{1}{3}$ or 45-RPM selector and anti-static mat. 45-RPM adapter. Rumble: -70 dB. Wow and flutter: less than 0.05%. 5 $\frac{1}{8}$ x 15 x 13 $\frac{3}{8}$ " UL listed AC. 42-2914 129.95



Belt-Drive Automatic Changer With Switchable Stereo Preamp

NEW FOR 87

79⁹⁵

ESP Available

Includes
Magnetic
Cartridge



- Auto-Glide Spindle Lets You Stack Up to Four Albums
- Damped Cueing for Smooth Tonearm Control

Realistic LAB-89. Upgrade your system the inexpensive way. Switchable preamp matches the magnetic cartridge to systems having only ceramic phono or aux inputs. Belt-drive system for quiet, dependable operation of the DC motor. Also features automatic arm return and shutoff, factory-balanced straight-line tonearm, cue lever. Slide selector for 33 $\frac{1}{3}$ or 45-RPM speeds. Plays 7, 10 and 12-inch records. Built-in 45-RPM adapter. 5 $\frac{5}{8}$ x 15 x 13 $\frac{1}{8}$ " UL listed AC. 42-2986 79.95



Turntables and Changers on These Two Pages Operate at 33 $\frac{1}{3}$ and 45-RPM Speeds

World Radio History

EXPERIENCE OUR FINEST REALISTIC® SPEAKERS

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



229⁹⁵ Each Low As \$20
Per Month*

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

Realistic Mach Two*. High-efficiency design and high power handling combine to make it the perfect choice for today's digital audio systems! Of course, it's also great for use with Hi-Fi and stereo VCRs. The high-compliance woofer and tuned-port enclosure team up for wall-shaking bass. Midrange response is exceptionally smooth and lifelike. Wide-dispersion horn tweeter delivers clean, detailed highs for extraordinary stereo depth and realism. Ferrofluid draws heat away from tweeter and midrange voice coils to cut distortion and increase power capacity. Variable midrange and tweeter level controls let you adjust output to match room acoustics. Removable cloth grille. 40-4032 Each 229.95

Response: 25-40,000 Hz. Power Handling Capacity: 160 watts. Sensitivity: 94 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 27⁹/₁₆ x 17³/₄ x 11³/₁₆"

3-Way Bass-Reflex System With Massive 15" Woofer



NEW FOR 87 **199⁹⁵** Each Low As \$20
Per Month*

- Digital-Ready for Today's Advanced Systems
- Tuned-Port Enclosure for Enhanced Bass Response
- 3" Liquid-Cooled Tweeter With Lamp-Protection
- 5" Dynamic Midrange ■ Removable Cloth Grille

Realistic Optimus*-1000. High-power capacity without the high-powered price! Tuned-port enclosure and huge high-compliance woofer with massive 29.9-ounce magnet combine for deep, solid low-end response. Cone tweeter delivers crisp, clean highs and is ferrofluid-cooled to cut distortion and increase power capacity. A protection lamp attached to the crossover network taps-off excess power to the tweeter and prevents damage during power peaks and excessively high volume settings. Midrange driver fills out the audio spectrum for an overall smooth, natural sound quality usually found only in much higher-priced systems. Oiled walnut veneer enclosure. 40-1130 Each 199.95

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

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

Prices Apply at Participating Radio Shack Stores and Dealers

FULL-RANGE OPTIMUS® 3-WAY SPEAKERS

• Revolving Credit Available
See Page 3



High-Efficiency Tower System In Genuine Oiled-Walnut Veneer

199⁹⁵ Each

Low As \$20
Per Month*

- Digital-Ready
- 10" Long-Throw Woofer
- Tuned-Port Enclosure
- 5" Dynamic Midrange
- 1" Liquid-Cooled Tweeter
- Vertical Design Saves Space

Realistic Optimus T-120. A winning combination of stunning looks, high technology and space-saving tower design. Tuned-port enclosure helps produce deep, accurate bass. Dome tweeter is ferrofluid cooled to increase power handling capacity and delivers clean, crisp highs. Variable midrange and tweeter controls let you adjust output to the acoustics of your room. Hand-oiled walnut finish. Removable cloth grille. 40-2047 Each 199.95

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

NEW
FOR 87

149⁹⁵ Each

Low As \$20
Per Month*

- 12" Woofer
Pumps Out
Deep Bass
- 4" Midrange
Driver
- Liquid-Cooled
2 1/2" Cone
Tweeter
- Removable
Cloth Grille



Bass-Reflex Speaker System

Realistic Optimus-900. High-compliance woofer and tuned-port enclosure combine for solid bass response. Tweeter is liquid cooled to handle more power without distortion and lamp-protected to prevent burnout. Genuine walnut veneer enclosure. Spring terminals. 40-1121 Each 149.95

Response: 50-20,000 Hz. Power Handling Capacity: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 29 3/4 x 14 x 10 7/8".



99⁹⁵ Each

Low As \$20
Per Month*

- Powerful
8" Woofer
- 4" Midrange
Driver
- 2 1/2" Tweeter
- Removable
Cloth Grille

Value-Priced Tuned-Port System

Realistic Optimus-600. Efficient bass-reflex design and high-compliance woofer for excellent low-end response. Extended-range cone tweeter delivers crystal-clear highs. Midrange driver for smooth mid-frequency response. Oiled walnut veneer. Spring terminals. 40-1100 Each 99.95

Response: 50-20,000 Hz Power Handling Capacity: 70 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 26 3/8 x 12 3/16 x 9 9/16"

Radio Shack/CitiLine, American Express, Carte Blanche, Diners Club, MasterCard and Visa Honored at Most Stores

World Radio History

SPEAKERS FOR GREAT SOUND ON A BUDGET

2-Way Bass-Reflex Speaker System With 8" Long-Throw Woofer



79⁹⁵ Each

- Tuned-Port Enclosure
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Oiled Walnut Veneer

Realistic Nova*-15. One of our best sellers ever, and no wonder—it delivers excellent sound, can be used on shelf or floor and is very moderately priced! Tuned-port enclosure design combined with a high-compliance woofer with foam surround gives you extended low-frequency response and high efficiency. This means you can use lower powered amplifiers than with many other speaker systems. Extended-range tweeter gives higher sound pressure levels per watt, and its wide dispersion angle results in a superior stereo image. Frequency response: 60-20,000 Hz. Power handling capacity: 60 watts. Removable decorative cloth grille is acoustically transparent. Easy-to-connect spring-loaded push-type terminals are color coded. And our 5-year limited warranty makes the Nova-15 an even better value! 19 x 10 3/4 x 7 1/2". 40-4034 79.95

Our 5-Year Limited Warranty

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

Acoustic Suspension 2-Way System



59⁹⁵ Each **NEW FOR 87**

- 8" Long-Throw Woofer
- 2 1/2" Cone Tweeter

Realistic* MC-1800. Ideal for main speakers or extension use. High-compliance woofer and sealed enclosure for extended-range bass. Wide-dispersion tweeter. Response: 70-20,000 Hz. Power handling capacity: 50 watts. Removable cloth grille. Oiled walnut veneer. 17 3/4 x 10 7/8 x 6 7/8". 40-1992 59.95

2-Way System With 5 1/4" Honeycomb Woofer



69⁹⁵ Each

- 2" Liquid-Cooled Tweeter
- Genuine Oiled Walnut Finish

Realistic Minimus*-35. The mini speaker that doesn't sound "mini". Unique flat diaphragm square woofer gives you surprisingly deep, solid bass. Tweeter handles peak power levels and adds crisp highs. Response: 60-20,000 Hz. Power handling capacity: 50 watts. 11 x 6 1/2 x 6 13/16". 40-2049 69.95

Space-Efficient 2-Way Walnut Veneer System



29⁹⁵ Each

- 5" Long-Throw Woofer
- 2 1/2" Dynamic Tweeter

Realistic Minimus-25. Small in size, yet this sealed-enclosure system delivers bass with a "punch". Response: 90-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Recessed spring terminals. 11 x 6 1/16 x 4 5/16". 40-223 29.95

Bookshelf-Sized 2-Way Walnut-Veneer System



39⁹⁵ Each

- Efficient 6 1/2" Woofer
- 2 1/2" Cone Tweeter

Realistic MC-800. Small enough for placement on most shelves, yet delivers remarkably smooth, wide frequency response of 100-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Genuine walnut finish. 13 1/2 x 8 7/8 x 5 5/16". 40-1975 39.95

Nominal Impedance of All Realistic Speaker Systems is 8 Ohms

OUR BIG-SOUNDING MINIMUS® SPEAKERS

Revolving Credit
Available
See Page 3



Mini-Speaker System for Home or Automobile

19⁹⁵ ■ 3" Speaker
Each ■ Just 5³/₄" High

Realistic® Minimus-3.5. Puts big sound in the smallest places! High-density molded enclosure for extended bass response. Power capacity: 15 watts. Steel grille. Spring terminals. 5³/₄ x 3⁵/₈ x 3¹/₈".

40-1996 19.95
Mounting Brackets. For home or car.
40-1997 Pair 9.95



Amplified Mini-Speakers For Personal Stereos

49⁹⁵ Pair

Carry Case

Include Carry Case, Strap and Cable With Stereo Mini Plug

Realistic Minimus-0.6. Turn your personal stereo into a super-sounding 3-piece portable! 2¹/₂" powered speakers. 150-15,000 Hz. LED "on" indicator, auto power-off. 5⁵/₈" high. Requires 8 "C" batteries.
40-1259 Pair 49.95

Mini Stereo Speaker System Attaches to Most Personal Portables

NEW FOR 87

9⁹⁵

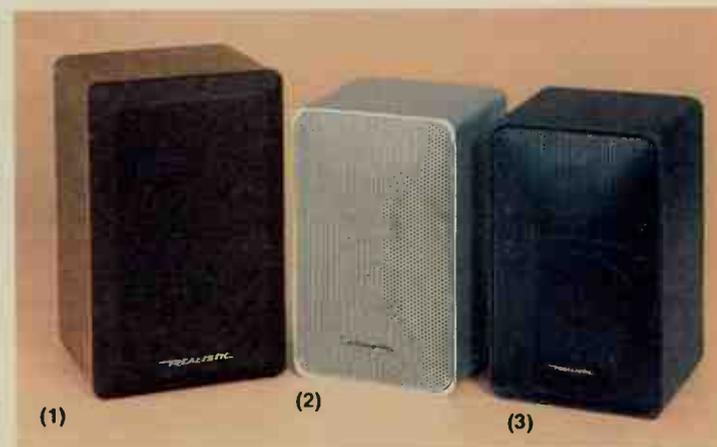
Available Sept. 30, 1986

- Dual 1¹/₂" Speakers
- Plugs Into 1¹/₈" Stereo Headphone Jack

Lets you listen to your personal stereo or portable CD player without headphones. Ideal for use with personal portables that do not have built-in speakers. 3¹/₈ x 3¹/₄ x 1¹/₄". 40-155 ... 9.95



Ideal for Desktop



2-Way Mini-System in Wood or Metal Enclosure

49⁹⁵ Each

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

(1) Realistic Minimus-7W. Only 8" high, yet delivers excellent bass and highs! Genuine oiled walnut finish. Perfect for surround-sound use! Removable cloth grille. 40 watts. 8 x 5 x 4". 40-2039 49.95
(2)(3) Realistic Minimus-7. As above, but die-cast metal enclosure. Hanger slot for wall mounting. 7¹/₁₆ x 4⁷/₁₆ x 4⁵/₁₆".
Silver, 40-2034/Black, 40-2030 Each 49.95
Mounting Brackets. 40-2031 Pair 14.95

Affordable Minimus Extension Speakers



Low As **11⁹⁵** Each

- A Shape and Size for Every Place
- Choose a Pair for Fine-Sounding Yet Low-Cost Stereo

(4) Minimus-3. Extension speaker with 5" driver gives you solid bass. Walnut vinyl veneer. 7 watts. 10 x 8¹/₂ x 5¹/₂". 40-913 12.95
(5) Minimus-18. Full-range 4" driver, handy spring terminals. Walnut vinyl veneer. 10 watts. 9⁷/₁₆ x 5³/₄ x 4³/₄". 40-222 19.95
(6) Minimus-2.5. Ideal extension speaker for TV. 4" driver. Walnut vinyl veneer. 10 watts. 6⁵/₈ x 4⁷/₈ x 4¹/₈". 40-1999 14.95
(7) Minimus-0.3. Cube speaker that's great extension for personal stereos. 3" driver. Walnut veneer. 7 watts. 4 x 4 x 3³/₈". 40-1250 11.95
(8) Minimus-17. Cube speaker with sealed enclosure. 5" full-range driver. Walnut veneer. 15 watts. 6¹/₂ x 6¹/₂ x 5¹/₂". 40-225 21.95



19⁹⁵ Each

Our Super-Tweeters Enhance Any System

Easy Parallel Hookup to Your Speaker System

Dynamic. Extends response to 40,000 Hz. Built-in crossover. Use outside of enclosure. Power handling capacity: 50 watts. 3⁷/₈" dia. 40-1310 19.95

Piezo. Burnout-proof! No crossover needed. Extends response to 27,000 Hz. Power handling capacity: 75 watts. 3¹/₂" square. 40-1380 12.95

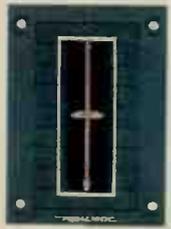
12⁹⁵ Each

Radio Shack—66 Years of Value, Service and Reliability

World Radio History

TWEETER/MIDRANGE REPLACEMENT SPEAKERS

Ribbon Tweeter



14⁹⁵

NEW FOR 87

Ultra-Wide
2.5-30 kHz
Response

Available Oct. 30, 1986

Advanced design delivers detailed highs to an incredible 30,000 Hz! Wide dispersion for excellent sound and imaging throughout the listening area. Power capacity: 35 watts. SPL: 91 dB (1W/1M). 8 ohms. 40-1390 14.95

Dual Radial Super Horn Tweeter



13⁹⁵

Specially Designed for Wide Dispersion of Highs

Designed for extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 dB (1W/1M). 8 ohms. 40-1377 13.95

Wide-Dispersion Dome Tweeters



(1)
Polycarbonate
Hard Dome
7⁹⁵

(2)
Mylar
Dome
10⁹⁵

(3)
Poly-Tron
Dome
10⁹⁵

These lightweight tweeters react quickly to input for excellent transient response and detailed stereo imaging. 8 ohms.

Fig.	Size	Cap in W	Eff Range (kHz)	SPL 1W/1M (dB)	Mag Wt (Oz.)	Cat No	Each
1	3/4"	40	3-30	91	0.6	40-1376	7.95
2	1"	30	3-20	91	8.0	40-1370	10.95
3	1"	40	6-20	87	5.4	40-1276	10.95

Midrange Speakers



9⁹⁵

15⁹⁵

3" Dynamic Midrange/Tweeter. Response: 700-20,000 Hz. 30 watts. SPL: 89 dB (1W/1M). 3-oz. magnet. 8 ohms. 40-1289 9.95

Wide-Dispersion Soft-Dome Midrange. Response: 1.5-10 kHz. 70 watts. SPL: 86 dB (1W/1M). 10.8 oz. magnet. 8 ohms. 40-1281 15.95

Acoustic Lens Tweeter

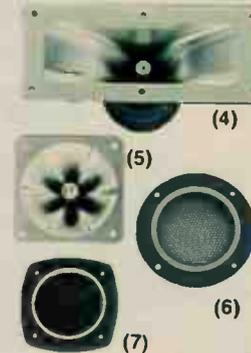


NEW FOR 87

12⁹⁵

State-of-the-art design. Response: 5-25 kHz. Power handling capacity: 35 watts. SPL: 95 dB (1W/1M). 40-1388 12.95

Piezo Tweeters for High-Output Use



These tweeters use a ceramic driver element in place of a voice coil and magnet for lower mass and higher efficiency. 8 ohms.

Fig	Type	Cap in W	Eff Range (kHz)	SPL 1W/1M (dB)	Cat No	Each
4	2 x 6" Horn	75	2-25	94	40-1379	14.95
5	3.5" Super Horn	75	5-25	95	40-1381	12.95
6	3.75" w/Dome	75	4-20	91	40-1382	8.95
7	2" for Home/Car	75	5-25	93	40-1383	4.95

Dynamic Tweeters



7⁹⁵

11⁹⁵

Wide, controlled dispersion. 8 ohms.

Fig	Type	Cap in W	F ₀ (Hz)	Range Eff (kHz)	SPL 1W/1M	Mag Wt (Oz.)	Cat No	Each
8	2 1/4" Radial	50	2500	6-16	98	2.75	40-1278	7.95
9	2 x 6"	60	1000	5-17	96	2.75	40-1228	11.95

Cone Drivers



(10) 1 3/4" Tweeter (11) Liquid-Cooled 4" Midrange

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

Fig	F ₀ (Hz)	Eff Range (kHz)	SPL 1W/1M	Mag Wt (Oz.)	Cat No	Each
10	1700	5-20	91	2	40-1270	5.95
11	550	1.5-11	92	2.8	40-1282	9.95

Universal Crossovers



7⁹⁵

Two-Way

14⁹⁵

Three-Way

Two-Way. Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. 6 dB/octave. 100 watts. 40-1296 7.95
Three-Way. 800/5000 Hz, 800/7000, 1600/5000 Hz, 1600/7000 Hz. 6 dB/octave. 100 watts. 40-1299 14.95

Tweeter Protectors

4⁹⁹
Pair



Prevents tweeter overload from damaging power surges. For 2 or 3-way systems. 40-301 Pair 4.99

Mono L-Pad Controls

75-Watt Peak



6⁹⁵



4⁴⁹

25-Watt Peak

Control the volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure, even in a different room from your audio system.

75-Watt. 40-977 6.95
25-Watt. 40-980 4.49

Stereo L-Pad Controls



9⁹⁵

75-Watt Peak



6⁹⁵

25-Watt Peak

Control the volume of two 8-ohm speakers from any convenient location. Easy to install in standard electrical wall-box.

75-Watt. 40-978 9.95
25-Watt. 40-979 6.95

Ceiling Grille

4⁹⁹

For mounting 8" speakers. With hardware. 40-1223, 4.99

Wall Brackets

2⁹⁵
Pair

Each supports up to 50 lbs. With hardware for mounting of two speakers. 40-150 Pair 2.95

Fiberglass Insulation

2³⁹

Easy-to-install. One sq. yard. 42-1082 2.39

Fuse Holder

99^c

Provide low-cost overload protection for your speakers. 270-1210 99c

Visit Your Nearby Radio Shack for Assistance in Selecting the Right Replacement Speaker

SPEAKERS FOR CUSTOM SYSTEMS & UPGRADING

Wood Speaker Stands



24⁹⁵ Pair
Furniture Quality

Speaker not included

Lifts speakers off floor and properly angles them for a dramatic sound improvement. Handsome stained walnut finish. Adjustable.

40-1253 24.95

3-Way Stereo Switch Box



12⁹⁵

Handles Up to Six Speakers

Control three pairs of speakers from one location. Rated at 10 watts. Simulated-walnut finish.

40-125 12.95

High-Power Stereo Switch Box



NEW FOR 87

29⁹⁵

Handles Up to Eight Speakers

For handling higher powered amplifiers/receivers. With built-in impedance-protection circuit. 100 watts peak. 40-135 29.95

Foam Speaker Grille



6⁹⁵
Acoustically Transparent
With fasteners. 17 x 23 1/2 x 3/4"
Brown. 40-1946 6.95
Black. 40-1951 6.95

Speaker Grille Cloth



(1) (2) (3)
Color-fast. Acoustically transparent. Shrink/fade resistant cloth.

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

Speaker Selector Switch



6⁹⁵
Controls two pairs of stereo speakers. Metal case with pre-drilled tabs. With mounting hardware.
40-130 6.95

Wide-Range Speakers



(4) Low As **1⁸⁹** (5)

Ideal for all kinds of new or replacement use.

Fig	Size	Power Cap (watts)	Eff Range (Hz)	Magnet Wt (Oz.)	Cat No.	Each
4	3"	2.0	-	0.4	40-248	2.19
4	2 1/4"	0.5	-	0.4	40-246	1.89
4	2"	0.5	-	0.4	40-245	1.89
5	6" w/Whizzer	20	55-12K	9.8	40-1285	11.95
5	6"	5	90-12K	2.8	40-1242	5.95

Full-Range 8" Speakers



(6) Low As **5⁹⁵** (7)

Perfect for quality sound reinforcement or background music systems. 8 ohms.

Fig	Cap in W	F ₀ (Hz)	Range Eff (kHz)	SPL 1W/1M	Mag Wt (Oz.)	Cat No.	Each
6	10	75-25K	75	88	2.8	40-1271	5.95
6	10	90-20K	90	87	5.3	40-1272	7.95
7	30	57-16K	57	93	9.4	40-1286	15.95

Speaker Wall Jacks



2⁶⁹ **2⁹⁹**
Fit in Standard Wall Box

Hook up stereo speakers anywhere. With two phono plugs, mtg. hardware. 40-981 2.69
Two color-coded terminals. 40-975 2.99

Long-Throw 4" Woofer

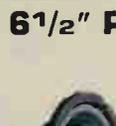


9⁹⁵
For Home Or Car
Great Sound for Small Places

Long-throw design for solid bass response. Color-coded terminals. 8 ohms. 40-1022 9.95

Cap in W	Eff Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag Wt (Oz.)
10	55-5000	55	35	23	84	8

6 1/2" Polypropylene Woofer



15⁹⁵

Perfect choice for bookshelf-size systems. Clean bass transients. 8 ohms. 40-1011 15.95

Power Cap (watts)	Eff Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag Wt (Oz.)
50	50-6000	50	60	2.6	89	10

8" Foam-Surround Woofers



Low As **19⁹⁵**

Rigid paper cone. 40-1015 ... 19.95
Polypropylene cone. 8 ohms. 40-1021 ... 21.95

Cap in W	Eff Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag Wt (oz.)
50	43-3000	43	55	2.15	82	16
50	30-5000	30	51	2.35	89	10

10" Foam-Surround Woofer



24⁹⁵

Long-throw design for solid "bottom" in your system's sound. Coded terminals. 8 ohms. 40-1331 24.95

Cap in W	Eff Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag Wt (oz.)
50	40-4000	40	93	4.3	91	9

12" Polypropylene Woofer



29⁹⁵
Lightweight and rigid cone delivers smooth low-frequency response. 8 ohms. 40-1025 ... 29.95

Power in W	Eff. Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
50	20-2000	20	45	19	89	16

15" Polypropylene Woofer



44⁹⁵ **NEW FOR 87**
This superb driver moves extra-large volumes of air for bass you can really feel. Burnout resistant. 8 ohms. 40-1300 44.95

Power in W	Eff. Range (Hz)	F ₀ (Hz)	Q ₁₅	V _{as} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
100	20-4000	22.8	88	25.7	92	25

15" Instrument Speaker



39⁹⁵
The ideal choice of demanding musicians. Designed for heavy-duty use. 8 ohms. 40-1318 ... 39.95

Power Cap in Watts	F ₀ (Hz)	Response (Hz)	SPL (dB)	Magnet (oz.)
100	62	62-3000	91.5	34.25

Build an Enclosure



4⁹⁵
Everything You Need to Know

Learn about speaker theory, sealed and ported enclosures. Home systems, PA, testing and much more. Step-by-step instructions. 62-2309 4.95

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

STEP UP TO REALISTIC® STEREO EQUALIZERS



Available Sept. 30, 1986

With our best equalizer, you can hear *and see* the results as you tailor your system's sound. The built-in IMX Stereo Expander creates a dramatic "live" quality and reduces distortion at high volume. 20 narrow-band controls boost/cut response up to 12 dB at exact frequencies. Tape control center for 2-deck dubbing, monitoring and recording equalized sound. Bypass button provides instant comparison between original and equalized sound. UL listed AC. 31-2020 129.95

**10 Bands, Spectrum Analyzer
And IMX* Stereo Expander**

129⁹⁵

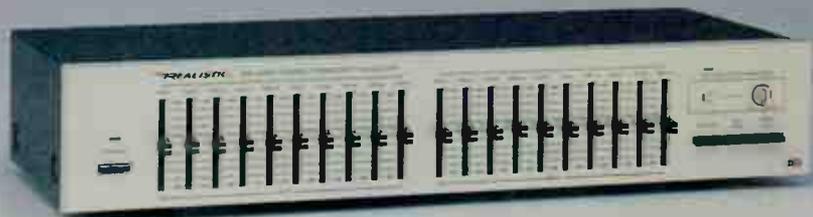
**NEW
FOR 87**

Low As \$20 Per Month*

ESP Available

90-LED, 3-Color Spectrum Display

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz +0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2⁵/₈ x 16¹/₂ x 8¹/₂". *Trademark of Sci-Coustics, Inc



Add more tonal control to your system and the exciting "live" sound of the stereo expander circuit. The 20 narrow-band controls let you boost/cut response up to 12 dB at precise frequencies—making even smaller systems sound exceptional. With linear-sliding controls, EQ button, tape monitor and bypass control. Power-on LED. UL listed AC. 31-2018 79.95

**10-Band Equalizer With
IMX Stereo Expander**

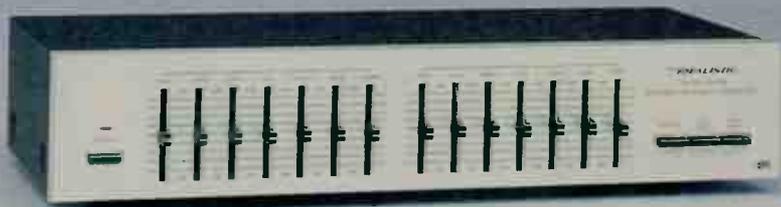
79⁹⁵

**NEW
FOR 87**

ESP Available

Create a Dramatic "Live" Sound Quality

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz +0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2⁵/₈ x 16¹/₂ x 8¹/₂".



Budget-priced precision audio control! Seven slide-action controls for each channel let you boost/cut response up to 12 dB at exact frequencies. You can add "punch" to instruments or vocals, match your listening room's acoustics, even reduce record noise. EQ and monitor buttons for making high-quality recordings. Power-on LED. UL listed AC. 31-1989 59.95

**7-Band Equalizer With
EQ and Bypass Controls**

59⁹⁵

ESP Available

- EQ Button for Recording Equalized Sound
- Bypass Button Instantly Compares Original With Equalized Sounds

SPECIFICATIONS. Band Centers: 50, 150, 400, 1000, 2400, 6000, 15,000 Hz. Response (flat setting): 5-50,000 Hz +0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2¹/₂ x 13 x 5¹/₁₆".

Dual-Range Audio Power Meter

24⁹⁵



2-Watt and 200-Watt Ranges

Continuously monitors output to speakers and helps prevent power overload. Features 15 fast-response left and right-channel LED indicators, and range control switch. Spring-clip terminals for easy connection to your system. 2 x 5⁵/₈ x 3". UL listed AC. 42-2107 24.95

Electronic Stereo Reverb System

59⁹⁵

Add "Live" Quality
And Dimension to
Your Stereo System



Features adjustable mike mixing input for great sing-along effects, depth and delay controls, and reverb record and tape monitor buttons. Reverb expander enhances spatial effect. 1/4" mike jack, power-on LED. 17¹/₈ x 8¹/₈ x 5³/₄". Simulated woodgrain. UL listed AC. 42-2108 59.95

Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3

QUALITY ACCESSORIES FOR YOUR PHONO

• Revolving Credit Available
See Page 3

Compact Disc Cleaner



12⁹⁵

Helps Protect Your CD Investment

Designed to eliminate "skipping" caused by fingerprints and other contaminants. Includes cleaning pad, fluid and brush. 42-116 12.95

Handy CD Storage Rack

Available Oct. 30, 1986



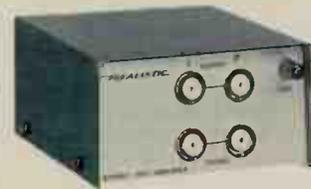
NEW FOR 87

14⁹⁵

Holds Up to 24 Compact Discs

Keep your collection of compact discs organized with this beautifully-designed walnut-vinyl storage case. 42-212 14.95

Magnetic Cartridge Stereo Preamp



19⁹⁵

Matches Cartridge to Aux Input

Adapts equipment having only aux or ceramic phono inputs to accept the finest magnetic cartridge-equipped turntables. UL listed AC. 42-2109 19.95

Hydro-Stor Record Care



9⁹⁵ With Fluid

System creates a field of humidity that reduces static as it cleans. Wood handle. 42-102 9.95

Budget Hydro-Stor



4⁹⁵ Protects Records

Velvet-surfaced cleaner with wood handle and fluid. Easy to use. 42-101 4.95

Carbon-Fiber Cleaning Brush



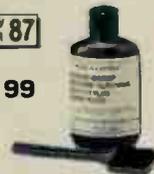
4⁹⁵ Anti-Static

Over a million fibers clean records and prolong stylus life. 42-118 4.95

Stylus Cleaner

NEW FOR 87

1⁹⁹



Cleans lint and dust without harming your stylus. With fluid. 42-1084 1.99

45/LP Cleaner



NEW FOR 87

2¹⁹

Removes lint and dirt from records. Brush and storage case. 42-145 2.19

Care Kit

NEW FOR 87

3⁹⁹



Keeps both record and stylus clean. With fluid and storage case. 42-140 3.99

Replacement Head

4⁹⁹

Low Mass

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



Glass Fiber Head Shell

5⁹⁹

Cartridge housing fits most straight-line tonearms. With mtg hardware. 42-2699 5.99



Anti-Static Fluid

1⁹⁹

Controlled Flow Tip

Cleans records, stylus. Use with all fine cleaners. 42-105 1.99



LP Spray Cleaner

1⁴⁹

With Cloth

Sprays away record noise and cuts wear. 42-2500 1.49



Phono Cushions

Low As
79^c



Anti-Resonant Foam
10" 42-360 79c
12" 42-361 99c

Turntable Mat

3⁹⁵

Anti Static



Carbon-impregnated foam cuts crackle, pop. 42-362 3.95

Clip-On Disc Brush

79^c

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



45-RPM Adapters

(1) (2)

(1) Manual. Fits over standard spindle. 42-120 49c
(2) Inserts. Snap into discs for auto or manual play. 42-103 40/1.09



45-RPM Auto Spindle

1⁷⁹

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



"Single" Sleeves

NEW FOR 87

2¹⁹

Pack of 20

Vinyl lined. Keeps your 45s dust-free. 42-142 2.19



Album Sleeves

2⁵⁹

Pack Of 10

Vinyl lined. Albums stay dry and clean. 42-132 2.59



40-LP Record Rack

3⁵⁹

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



Tri-Color Traffic Light Display

NEW LOW PRICE!

34⁹⁵ Was \$39.95 In 1986 Catalog

Brilliant Flashing Colors

Put some flash in your next dance party! Random color switching for "stop 'n go" action. Faceted reflectors intensely effect. 17 x 6 x 5 1/4". UL listed AC. 42-3026 34.95



High-Intensity Strobe Light

Stop-Action Effects! **29⁹⁵**

Wide-angle strobe with adjustable flash rate. Walnut vinyl. 7 7/16 x 7 7/16 x 4 3/4". UL listed AC. 42-3009 29.95



Psycholite® Color Show

Wild Light Display! **12⁹⁵**

Rotates—a kaleidoscope of colors on walls, ceiling, floor. 6 1/2" high. UL listed AC. 42-3018 12.95



Revolving Red Light

NEW FOR 87

29⁹⁵

Creates a Fast-Action Light Show



Watch the fun begin when you turn on this revolving light—like the ones seen in most discotheques. Great for parties and dances. 7" high. UL listed AC. 42-3040 29.95

REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Accuracy of Our RXT6

Dynamic Stabilizer for Superb Stereo—Even on Warped Records

NEW FOR 87

49⁹⁵

Designed for superior performance in either pivotal or linear-tracking tone-arms. Telescoping stylus tracks at an ultra-light 1.25 to 1.75 grams. A new, lower-mass shank and tip assembly provide improved high-frequency trackability. With P-mount adapter and installation kit. 42-2795 49.95



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



Hundreds Of Types Available!

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

No Extra Charge!

High-Value Hi-Fi 19⁹⁵

Realistic/Shure R25XT

Elliptical diamond stylus (10x18 microns). 20-20,000 Hz. Tracks at 2.5-3.5 grams. 42-2777 19.95

Accurate Stereo 29⁹⁵

Realistic/Shure R47XT

Features of R25XT, plus lighter 1.75-2.25 grams tracking. 20 dB separation. 42-2778 29.95

Ultra-Light Tracker 39⁹⁵

Realistic/Shure RXP-3

Elliptical diamond stylus. P-mount design. 20-20,000 Hz. Tracks at 1 1/4 grams. 42-2790 39.95

Diamond Styli for Realistic/Shure Cartridges

NEW FOR 87



14⁹⁵

Replaces R25, Shure M71 and M75ECS series. 42-2780 .. 14.95



19⁹⁵

Replaces R47, Shure M70 and M75 series. 42-2781 19.95



24⁹⁵ NEW LOW PRICE!

Was \$27.95 in 1986 Catalog
Replaces R1000, Shure M90, M75 T-2 Series. 42-2783. 24.95



27⁹⁵

Replaces RXP3 and Shure M92E, M99E and M104E. 42-2791. 27.95

Plug-In Cartridge 29⁹⁵

RX1500

Dual Magnet
Diamond Elliptical Stylus. 15-25,000 Hz. 1-1.5 grams. 42-2775 29.95



RT1500 Stylus 19⁹⁵

Diamond Elliptical. 1-1.5 grams. For RX1500, Audio-Technica AT-102P, 102/112/122EP 42-2776 19.95



Budget Cartridge 12⁹⁵

Diamond Conical Stylus. Magnetic. 20-20,000Hz. Tracks at 3-5 grams. 42-2772 12.95



RSK8C Stylus 10⁹⁵

Diamond Conical. For QLM30 and ADC K series. 42-2771 10.95



RS50E Stylus 21⁹⁵

Diamond Elliptical. For ADC, QLM34 MK III, P32 and K5E. 42-2759 21.95



DAT-2 Stylus 10⁹⁵

Diamond Conical. Pick. V15/AT-1/2, KLH, similar types. 42-2484 10.95



DATE-4 Stylus 18⁹⁵

Diamond Elliptical. Fisher, Garrard, Pick. ATE series, V15/AC, P/AC, P/AT, V15/AT. 42-2485 18.95



ATN-771E 9⁹⁵

Diamond Elliptical. For Audio-Technica AT-70, AT-71, AT-71E. Tracks at 1.5-2.5 grams. 42-2774 9.95



PS 203 5⁹⁵

Diamond. Clarinette-14/15/16 and #13-1117/1118. General replacement #7848-D. 42-2787 5.95



Save Your Records—Diamond Replacement Styli

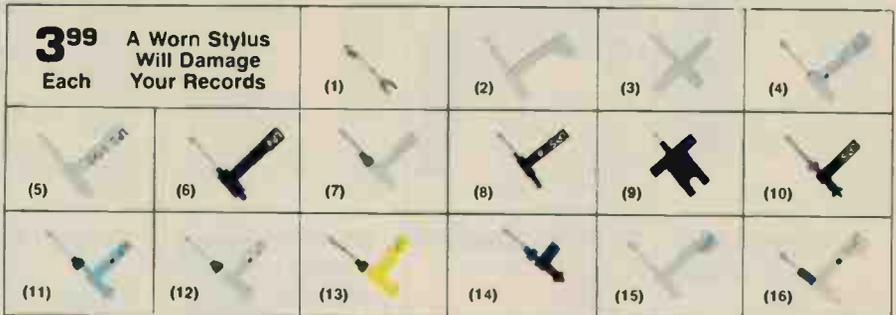


Fig.	Cat. No.	Model	Cartridge or Stylus No.	Fig.	Cat. No.	Model	Cartridge or Stylus No.
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ASTATIC

1	42-2817	RS-25	70, 74, 76, 80, 86 Stereo/Mono
2	42-2804	RS-67	140, 142 Stereo
3	42-2900	RS-120	N-50/51/56/58/62/63/68/70/72/76

GENERAL ELECTRIC

9	42-2899	RS-161	C-660
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TETRAD

10	42-2802	RS-98	510, 520, 530, 540, 610, 620, 630, 640, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T20HD
11	42-2889	RS-91	100, 110, 120, 130, 140, 710, 720, 730, 740, 800, G-1, G-2, G-3, T1LD
12	42-2840	RS-93	300, 310, 320, 330, 340, 900, 910, 930, E-1, E-2, E-3, T2MD, T20MD
13	42-2841	RS-127	400, 410, 420, 430, 440, 200, 210, 220, 230, 240, C-/01/2/3, T3/30MD
14	42-2901	RS-204	T50HD

BSR

4	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
5	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
6	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
7	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21

ELECTRO-VOICE

8	42-2890	RS-109	168, 198, 199, 275, 277
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Sapphire Kiddie Needles

42-2750



2²⁹ Pkg. of 2

VARCO

15	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
16	42-2839	RS-141	TN4A, TN4B

Prices Apply at Participating Radio Shack Stores and Dealers

World Radio History

RADIO SHACK IS AMERICA'S CABLE CONNECTION

Gold-Plated Patch Cords

995 Our Finest Cables

Maximum fidelity, minimum loss. 39" stereo cable with four low-capacitance, plated plugs. 42-2601 9.95

Patch Cables

Low As **599**

Color-coded phono plugs. 39": 42-2354 5.99
79": 42-2355 7.99

Audio Cable Set

399 Set of Four

Shielded to prevent hum and signal loss. Color coded for simple hookups. 36" long. 42-2309 Set 3.99

Stereo Patch Cords

Low As **299**

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

Patch Extension

299

Lengthens patch cable for wider "reach." Two phono plugs to two phono jacks. 36" long. 42-2353 2.99

Dipole Antenna

299

Outperforms Built-Ins

Get better FM reception! Spade lugs connect to receiver's 300-ohm antenna terminals. 42-2385 2.99

Stereo Y-Adapter

589

Let's you record from head-phone jack. 1/4" stereo plug and two phono plugs. 6-ft. cable. 42-2474 5.89

DIN Patch Cord

499

For European hi-fi equipment. Six-foot shielded cable. 5-pin DIN male connectors. 42-2151 4.99

Mini Y-Adapters

Low As **399**

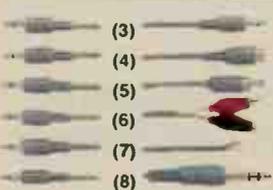
Connects portable stereo to a home hi-fi. 1/8" plug to two phono plugs.

39" 42-2475 3.99
79" 42-2481 4.49

Dubbing Cords

299 Each

(1) Earphone jack to mike jack. 1/8" plugs. 42-2152 2.99
(2) Tape-out phono plug, 1/8" mike plug. 42-2461 2.99



Cables With 1/8" Mini Plugs

Low As **199**

72" Shielded Cable

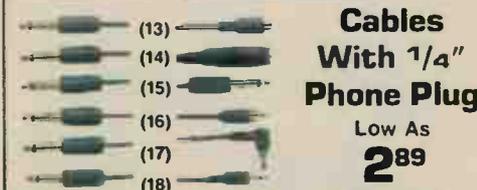
Fig	Description	Cat No	Each
3	Mini Phone Plug to Mini Phone Plug	42-2420	2.29
4	Mini Phone Plug to Mini Phone Jack	42-2472	3.19
5	Mini Phone Plug to Phono Plug	42-2444	1.99
6	Mini Phone Plug to Alligator Clips	42-2421	2.29
7	Mini Phone Plug to Stripped Ends	42-2434	2.29
8	Mini Phone Plug to Stereo Phone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



With Phono Connectors

Shielded

Fig	Description	In	Cat No	Each
9	Phono Jack to Phono Jack	72	42-2358	2.49
10	Phono Plug to Phono Jack	36	42-2361	2.29
10	Phono Plug to Phono Jack	72	42-2362	2.39
10	Phono Plug to Phono Jack	144	42-2363	3.19
11	Phono Plug to Phono Plug	18	42-2365	1.79
11	Phono Plug to Phono Plug	36	42-2366	1.89
11	Phono Plug to Phono Plug	72	42-2367	2.19
11	Phono Plug to Phono Plug	144	42-2368	3.09
12	Phono Plug to Stripped, Tinned	36	42-2370	1.69
12	Phono Plug to Stripped, Tinned	72	42-2371	1.89
12	Phono Plug to Stripped, Tinned	144	42-2372	2.19



Cables With 1/4" Phone Plug

Low As **289**

Shielded

Fig	Description	In	Cat No	Each
13	Phone Plug to Phono Jack	72	42-2377	2.89
14	Phone Plug to Inline Jack	144	42-2378	4.19
15	Phone Plug to Phono Plug	72	42-2381	3.29
16	Phone Plug to Phono Plug	72	42-2373	3.19
17	Phone Plug to 90° Phono Plug	72	42-2440	2.89
18	Phone Plug to Mini Plug	72	42-2433	2.89

Phono Plug Y-Adapters

(19) (20) (21)

Low As **199**

- Adds Versatility to Your Hi-Fi Equipment
- Shielded Cables to Prevent Noise Pick-Up

(19) Two phono plugs connected to one phono jack with 4" cables. 42-2435 2.59
(20) One phono plug connected to two phono jacks with 3" cables. 42-2436 2.59
(21) Two phono plugs connected to one phono plug with 4" cables. 42-2438 1.99

Assorted Y-Adapters

Low As **189**

(22) Two RCA phono plugs, one 1/8" mini phone plug. 9" shielded cables. 42-2153 1.89
(23) One 1/8" mini plug, two RCA phono jacks. 9" shielded cables. 42-2154 1.99
(24) Two RCA phono jacks, one 1/4" phone plug. 5 3/4" shielded cables. 42-2150 2.29
(25) Three-conductor (stereo) 1/4" phone jack, two RCA phono plugs. 42-2471 2.99
(26) Two RCA phono jacks, one three-conductor (stereo) 1/4" phone plug. 42-2477 2.59

Mike Cable and Y-Adapter

499 **299**

25-Foot Shielded Mike Extension. 1/4" jack to 1/4" plug. 42-2379 4.99
Y-Adapter. 1/4" jack, two 1/4" plugs. 42-2156, 2.99

Coiled Guitar Cords

699 **499**

3 feet retracted. Extends to 15 feet. Straight 1/4" plug to 90° 1/4" plug. 42-2473 6.99
3 feet retracted. Extends to 12 feet. Two right angle (90°) 1/4" plugs. 42-978 4.99

Pin-Connector Speaker Cables

499

Top-quality! 24-foot 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminal connectors. Color-coded fingergrrips. 42-2455 4.69

Plug-to-Lug Cables

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

1/8" Plug-to-Lug Cable

1/8" mini phone plug to color-coded lugs. 12-ft. 24-gauge cable. 42-2454 2.19

Lug-to-Lug Cables

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

NEW FOR 87 Speaker Cables

(27) 24-Ft. Tinned end to tinned end. 42-2456 3.99
(28) 24-Ft. Tinned end to phono plug. 42-2457 4.29

Phono Plug Cables

Low As **269**

RCA Plugs on Ends

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

See Pages 32 and 122-123 for Our Wide Selection of Audio Adapters

FULL-SIZE HEADPHONES FOR EXCITING STEREO

49⁹⁵



39⁹⁵



NEW FOR 87

29⁹⁵



Studio Quality Stereo For Listening Pleasure

Realistic PRO-60. Our best full-size headset! Variable-density cushions fit comfortably over your ears. "Acoustic resonance" design delivers solid bass response with open, transparent midrange and treble—all with extremely clean sound. Total harmonic distortion is less than 0.5%. 15-30,000 Hz frequency response. 10-foot coiled cord, 1/4" plug. 33-999 49.95

Realistic LV-10. Unique electro-acoustical configuration and 2" dynamic elements deliver the power of a live performance with clean sound. Soft, foam ear-cushions. 20-20,000 Hz frequency response. 10-foot lightweight coiled cord, 1/4" plug. 33-1004 39.95

Realistic Nova-55. These slim-silhouette phones are light on your ears and your budget. Specially designed low mass drivers deliver excellent transient response, without coloration. Soft vinyl, foam-filled cushions seal out outside sounds. 20-20,000 Hz frequency response. 10-foot coiled cord, 1/4" plug. 33-2004 29.95

31⁹⁵

24⁹⁵

19⁹⁵

14⁹⁵



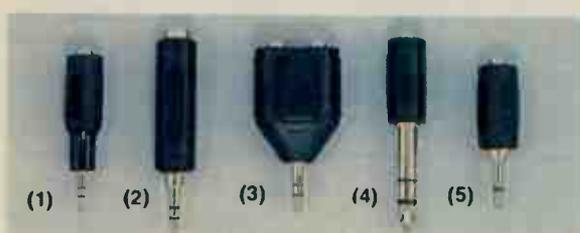
Rich Stereo Listening At a Great Low Price

Realistic Nova-65. Features side-mounted slide-action controls for adjusting volume and balance from your chair. Rugged vinyl drivers, foam-filled ear-cushions, adjustable headband. 20-20,000 Hz. 10-foot coiled cord, 1/4" plug. 33-1023 31.95

Realistic Nova-40. Big 3 1/2" drivers produce full-range sound—from deep, rich bass to soaring highs. Cushioned earcups and padded, adjustable headband for real comfort. 30-18,000 Hz. 10-foot coiled cord, 1/4" plug. 33-993 24.95

Realistic Nova-16. Exclusive Glide-Path* volume/balance controls. Foam padded, adjustable headband and air-cushion earpads. 50-15,000 Hz. 6 1/2-foot cord, 1/4" plug. 33-1019 19.95

Realistic Nova-10. Our lowest priced full-size headphones. The 2" drivers deliver full bass. Air-cushion earpads. 50-15,000 Hz. 6 1/2-foot cord, 1/4" plug. 33-1012 14.95



Plug Adapters for Headphones

- (1) 1/8" to 3/32" 274-373 2.39
- (2) 1/4" to 1/8" 274-366 2.69
- (3) 1/8" Y-Adapter. 274-313 2.79
- (4) 1/8" to 1/4" 274-367 2.39
- (5) Mono-to-Stereo Jack Adapter. 274-368 1.29

Audio Extension Cables

Low As **5⁶⁹**

For 1/4" Plugs

- 24-Foot Coiled. 42-2443 7.99
- 20-Foot Non-Coiled. 42-2442 5.69

1/4" Headphone Y-Adapter



3-foot cable connects two headphones to a single 1/4" jack. 42-2448 4.99

20-Ft. 1/8" to 1/4" Cable



Connects 1/8" stereo mini jack to 1/4" stereo plug. 42-2460 4.99

1/8" Headphone Y-Adapter



Use two headsets with one portable. 1/8" plug and jacks. 42-2463 4.49

Prices Apply at Participating Radio Shack Stores and Dealers

LIGHTWEIGHT HEADPHONES—MUSIC TO GO

Revolving Credit
Available
See Page 3



Stereo Sound for Personal Portables

Realistic Nova-45. Rare-earth magnets deliver deep bass. Weighs 3.3 oz. 20-20,000 Hz. 6 1/2-foot cord, 1/8" plug. Includes 1/8" to 1/4" adapter. 33-1021 24.95

Realistic Nova-52. Folds up for easier carrying. Weighs 2.5 oz. 50-20,000 Hz. 6 1/2-foot cord, 1/8" plug. 33-979 19.95

Realistic Nova-51. Same fold-up design and features, but 1/4" plug. 33-978 19.95

Realistic Nova-35. Foam earpads and adjustable headband. Weighs less than 4 oz. 50-20,000 Hz. 1/8" plug. Includes 1/8" to 1/4" adapter. 33-1035 13.95

Realistic Nova-37. Fits comfortably inside your ear. Great for active people. Adjustable headband. Only 2 oz. 50-20,000 Hz. 45" cord, 1/8" plug. 33-2003 14.95

Headphones On-A-Budget

4⁹⁵

- Weighs Only Two Ounces
- Adjustable Headband



Nova-34. Great sound in an economy package! Foam earpads. 4-foot cord, 1/8" plug. 33-1000 4.95
Extra Earpads. 33-375 99c

Fold-Up Headphones

6⁹⁵



Fit in Pocket/Purse



Nova-36. Foam earpads. Only 2 oz. 40-20,000 Hz. 4-foot cord, 1/8" plug. 33-2002 6.95
Extra Earpads. 33-375 99c

Big-Value Headphones

9⁹⁵

- Wide Response
- Foam Earpads



Nova-33. Feathery light at only 1 1/4 ounces. 50-20,000 Hz audio response. 4-foot cord, 1/8" plug. 33-976 9.95

Ultra-Light In-Ear Design

12⁹⁵



Slips Into Outer Ear



No headband needed! Foam cushions. Weigh just 0.6 oz. 50-20,000 Hz. 4-foot cord, 1/8" plug. 33-977 12.95
Extra Earpads. 33-376 99c

Mono Clip-On Earphone

2⁹⁹



Fits most portable TV sets and cassette recorders. For new or replacement use. 10-foot cord, 1/8" plug. 33-177 2.99

Monaural Earphones

1⁴⁹

Each



With earclip, 3 1/4-foot cord. 3/32" Plug. 33-174 1.49
1/8" Plug. 33-175 1.49

Mono Earphone Cord

1⁹⁹



20-foot twisted extension cord with 1/8" jack and plug. Use with any mono plug on this page. 33-176 1.99

Nova-Fone® Earphone

6⁹⁹

Comfortable



An amazing performer! Completely covers your ear and delivers full-range sound. 1/8" plug fits many portables. 33-1036 6.99

Replacement Earpad Set

2⁴⁹

Set of 4



These polyurethane foam covers fit most lightweight headsets. 2 blue, 2 black. 33-374 2.49

Stereo Extension Cord

4⁹⁹



20-foot, lightweight, highly flexible cord with 1/8" stereo mini plug and jack. 42-2462 4.99

Private Pillow Speaker

4⁹⁹



Slips under pillow for private and late-night listening. Volume control. 1/8" jack fits most portables. 33-207 4.99

Budget Pillow Speaker

2⁹⁹



Small price for privacy and convenience! Listen to TV, clock radios or portables without disturbing others. 1/8" plug. 33-206 2.99

See Our Complete Selection of Headphone Plug Adapters on Page 123

REALISTIC® STEREO DUAL-CASSETTE DECKS

Our Best! Dolby® B-C NR And Double Auto-Reverse

Available Sept. 30, 1986

NEW
FOR 87

229⁹⁵

Low As \$20
Per Month*

ESP Available

- Make Quality Copies of Your Personal Cassettes in Half the Normal Time
- Switchable Sequential-Play Mode
- 2-Color 8-LED Peak Level Meters

Response \pm 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,500 Hz (normal). Wow and Flutter: 0.08% WRMS. S/N: 63 dB Dolby C; 61 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4³/₄ x 16¹³/₁₆ x 9¹³/₁₆".

*TM Dolby Laboratories Licensing Corp.



Realistic SCT-100. Besides high-speed dubbing, the dual decks let you record *both* sides of one tape and play *both* sides of two tapes in sequence, automatically. Playback-only deck-1 is designed for superior sound. Record/play deck-2 has the latest recording features for optimum frequency response. Dolby B cuts tape hiss and extends dynamic range, and Dolby C reduces noise to an amazing one-hundredth of its original level! Also has "soft-touch" controls, full auto-stop, metal/CrO₂/normal tape selectors and pause controls for both decks. Separate record level controls, 3-digit tape counter. 1/4" headphone and mike jacks. UL listed AC. 14-644 229.95

"Soft-Touch" Dual Deck With Dolby B and C NR

NEW
FOR 87

179⁹⁵

Low As \$20
Per Month*

ESP Available

Available Sept. 30, 1986

- Continuous-Play Mode Automatically Plays Two Tapes in Sequence
- 2-Color 5-LED Peak Level Meters

Response \pm 3 dB: 40-14,000 Hz (metal), 40-12,500 Hz (CrO₂/Hi-Bias), 40-10,000 Hz (normal). Wow and Flutter: 0.12% WRMS. S/N: 70 dB Dolby C; 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.0% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4⁵/₁₆ x 16⁹/₁₆ x 8¹/₄".



Realistic SCT-74. All controls work with a light touch of your finger. High-speed dubbing lets you make copies of personal tapes in half the normal time. Play-only deck-1 delivers superb sound during playback. Deck-2 is a recorder/player with optimum recording features. Dolby B extends dynamic range and Dolby C dramatically reduces background noise. Both decks have metal/CrO₂/normal selectors, auto-stop and pause controls. Separate record level controls, power and record LEDs. 3-digit tape counter. 1/4" mike and headphone jacks. UL listed AC. 14-649 179.95

Value-Priced Dubbing Deck With Dolby B NR

NEW
FOR 87

119⁹⁵

Low As \$20
Per Month*

ESP Available

Available Sept. 30, 1986

- Sequential-Play ■ Soft-Eject Doors
- Synchro-Start Recording
- 5-LED Peak Recording Level Meters

Response \pm 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,500 Hz (normal). Wow and Flutter: 0.15% WRMS. S/N: 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.2% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 5 x 16¹/₂ x 8".



Realistic SCT-45. Low in price, big on features. Copies your personal tapes and also plays two tapes in sequence automatically. Synchro-start dubbing starts both decks simultaneously. Dolby B extends dynamic range and cuts tape hiss. Playback-only deck-1 automatically selects proper bias. Record/play deck-2 has metal/CrO₂/normal selector for super-sounding recordings. Both have auto-stop and pause controls. Separate record level controls, LED record indicator. 3-digit tape counter. 1/4" mike and headphone jacks. UL listed AC. 14-643 119.95

Take Advantage of Radio Shack's Extended Service Plan - See Page 93

LOW-COST STEREO RECORD/PLAY DECKS

• Revolving Credit Available
See Page 3

Logic-Controlled Auto-Reverse Cassette With Dolby B-C NR

NEW FOR 87

219⁹⁵

Low As \$20
Per Month*

ESP Available

- High-Speed Automatic Search Music System Helps You Find Selections Quickly
- Intro-Scan Lets You "Sample" Passages
- 2-Color 8-LED Peak Recording Level Meters

Response ± 3 dB: 40-16,000 Hz (metal), 40-15,000 Hz (CrO₂/Hi-Bias), 40-14,000 Hz (normal). Wow and Flutter: 0.06% WRMS. S/N: 70 dB Dolby C; 62 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4³/₈ x 16¹/₁₆ x 8³/₈".



Realistic SCT-82. Solenoid operation assures smooth, precise tape handling. Quick auto-reverse changes direction in less than a second, and operates on both playback and record. Mode selector lets you choose one side, both sides, or continuous repeatable playback of both sides. Dolby B-C noise reduction cuts tape hiss and extends dynamic range. Also features full auto-stop, metal/CrO₂/normal bias selector and separate slide-action record level controls. LED indicators for direction, ASMS, record, play, pause, intro-scan and Dolby C. 3-digit tape counter. 1/4" mike and headphone jacks. UL listed AC. 14-638 219.95

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



139⁹⁵

Low As \$20
Per Month*

ESP Available

Realistic SCT-43. All controls work with a light touch of your finger. Automatic Search Music System helps you find selections fast. Dolby B-C noise reduction cuts tape hiss and extends dynamic range. Separate record level controls, 2-color 5-LED peak level meters. Full auto-stop. Metal/CrO₂/normal tape bias selector. 3-digit tape counter. Power-on LED. 1/4" mike and headphone jacks. UL listed AC. 14-629 139.95

Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,000 Hz (normal). Wow and Flutter: 0.17% WRMS. S/N: 67 dB Dolby C; 61 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4⁹/₁₆ x 15³/₈ x 9¹/₄".

Our Lowest Priced Cassette With Dolby B

NEW LOW PRICE!

79⁹⁵

Was 99.95 in
1986 Catalog

ESP Available



Realistic SCT-35. All the most-wanted recording features. Dolby noise reduction to cut tape hiss and extend dynamic range, separate record level controls, 2-color 5-LED peak recording level meters, pause and auto-stop. Soft-eject cassette door, metal/CrO₂/normal tape bias selector, 3-digit tape counter. Power-on LED. 1/4" mike and headphone jacks. UL listed AC. 14-636 79.95

Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,000 Hz (normal). Wow and Flutter: 0.09% WRMS. S/N: 64 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.3% 3rd HD. Record/Play Head: Hard Permalloy. Erase Head: Ferrite. Size: 4⁹/₁₆ x 15³/₈ x 8⁵/₁₆".



Cassette Play Deck With Auto-Reverse

99⁹⁵

Low As \$20
Per Month*

Realistic SCP-25. Plays both sides of tape automatically. Dolby B NR cuts hiss, extends range. Cue/review, metal/CrO₂-normal selector. 4¹/₄ x 9¹/₂ x 5¹/₂". UL listed AC. 14-635 99.95

Compact Cassette Playback Deck

49⁹⁵

Realistic SCP-30. Small enough to fit almost anywhere. Metal/CrO₂-normal selector, end-of-tape auto-stop, pause control. Simulated walnut. 4¹/₂ x 8 x 5¹/₄". UL listed AC. 14-632 49.95



Stereo 8-Track Play Deck

49⁹⁵

Realistic TR-169. Non-stop music! Automatic or manual program change, output level control. Program LEDs. 4 x 10 x 7". UL listed AC. 14-935 49.95

Tape Control Center

24⁹⁵

Monitor, record and dub with up to three tape decks at once. Connects to tape monitor jacks. Molded case. 2¹/₄ x 6¹/₄ x 4³/₄". 42-2105 24.95



Realistic Tape Decks Include Cables for Easy Hookup to Any System With Tape-In or Aux Jacks

PORTABLES WITH DETACHABLE SPEAKERS

Our Best Ever! AM/FM Stereo 4-Track/High-Speed Dubbing Cassette



Available Sept. 30, 1986

ESP Available

NEW FOR 87

219⁹⁵

Low As \$20
Per Month*

- 4-Track/High-Speed Dubbing Saves You Time by Recording Both Tape Sides at Once
- Built-In 5-Band Equalizer Lets You Adjust Response For Super Sound, Anywhere

Realistic Modulaire®-2250. Besides high-speed dubbing, you can listen to two tapes in sequence, automatically. Records from radio, line-level sources or optional mikes. Playback-only deck-1 and record/play deck-2 both have pause controls for easy editing. Dolby® B NR cuts tape hiss and extends dynamic range. Has 4-LED audio power meter, 2-way speakers with 4 1/2" woofers and piezo tweeters. FM stereo and power/battery LEDs. Jacks for headphone, line in/out, speakers and mikes. 9 1/4 x 25 2/5 x 7 2/5". UL listed AC (or 8 "D" batteries or DC adapter, extra). 14-765 219.95

AM/FM Stereo High-Speed Dubbing Cassette With Built-In Equalizer



Available Oct. 30, 1986

ESP Available

NEW FOR 87

179⁹⁵

Low As \$20
Per Month*

- Dolby B NR Cuts Tape Hiss, Extends Dynamic Range
- Speaker Systems Have 4 1/2" Woofers, Piezo Tweeters
- Sequential-Playback Mode
- Built-In Condenser Mikes

Realistic Modulaire-850. Records Dolbyized® tapes from radio, mikes or line-level sources. Five-band equalizer lets you fine-tune the response for excellent stereo, anywhere. Playback-only deck-1 and record/play deck-2 both have pause controls for easy editing. Also has auto-level recording, tape counter on deck-2 to help you find selections, power/battery and FM stereo LEDs. Jacks for headphone, line in, speakers and mikes. 8 3/5 x 24 x 5 7/8". UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-770 179.95

AM/FM Stereo With 2-Way Speakers and Dual Cassettes for Dubbing



ESP Available

NEW FOR 87

139⁹⁵

Low As \$20
Per Month*

- Speakers Have 4" Woofers And Piezo Tweeters
- Continuous-Playback Lets You Listen to Two Tapes in Sequence, Automatically

Realistic Modulette®-602. Make quality copies of your personal tapes, record directly from the AM/FM stereo radio, or make "live" stereo tapes with the built-in mikes. Playback-only deck-1 and record/play deck-2 both have pause controls for easy editing. Also features auto-level recording, tape counter, end-of-tape auto-stop in record and play modes, LED indicators for record and FM stereo. Headphone and external mike jacks. 7 3/4 x 23 1/4 x 4 7/8". UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-797 139.95

See Page 40 for DC Adapters and Pages 52-53 for External Microphones. *TM Dolby Laboratories Licensing Corp.

AM/FM STEREO CASSETTE PORTABLES

• Revolving Credit Available
See Page 3

Dual Cassette Decks for Making High-Speed Copies of Personal Tapes

- Continuous-Playback Feature Lets You Listen To Two Tapes In Sequence, Automatically
- Speakers Have 5" Woofers And Piezo Tweeters
- Auto-Level ■ Auto-Stop

NEW FOR 87

159⁹⁵

Low As \$20 Per Month*

Realistic SCR-27. A top value! Playback-only deck-1 is designed for superior frequency response and record/play deck-2 is packed with features for quality recording. You can copy your personal tapes, record directly from the AM/FM stereo radio, or make "live" stereo tapes with the sensitive built-in electret microphones. Pause on deck-2 for easy editing while you record. Also has 3-digit tape counter, LED level and mode indicators. Jacks for adding headphone, external speakers and mikes. 8⁷/₁₆ x 21⁷/₁₆ x 5¹/₂". UL listed AC (or 6 "D" batteries or adapter, extra). 14-793 159.95



ESP Available

Slim-Line Design With Dual Cassette Decks for Dubbing

- Super Sound and Features in An Easy-to-Carry Size
- Continuous-Playback System
- 2-Way Speaker Systems With 4" Woofers, Piezo Tweeters
- 3-Digit Tape Counter

NEW FOR 87

119⁹⁵

Low As \$20 Per Month*

Realistic SCR-29. Streamline portable goes anywhere. Make high-speed copies of your personal tapes, record directly off-the-air as you listen, or record "live" stereo with the built-in condenser mikes. Playback-only deck-1 and record/play deck-2 both have soft-eject doors. Built-in loudness circuit for better bass at low volume levels, auto-stop, auto-level recording. FM stereo, record and dubbing LED indicators. Jacks for headphone and external mikes. 4¹⁵/₁₆ x 18¹/₂ x 4¹/₂". UL listed AC (or 6 "C" batteries or DC adapter, extra). 14-798 119.95



ESP Available

Six-Speaker Portable With Switchable Stereo-Wide 4

- 4-Woofers/2-Tweeter Design Projects Exciting Stereo Sound Throughout the Room
- Auto-Level ■ Tone Control
- Built-In Microphones

NEW LOW PRICE!

99⁹⁵

Was \$119.95 in 1986 Catalog

Low As \$20 Per Month*

Realistic SCR-19. Unique 6-speaker design brings a spectacular new dimension to portable stereo! For even more enhancement, switch on our exclusive "Stereo-Wide 4" and feel the music come to life. You won't believe the difference! Also has auto-stop in play and record modes, tape counter, record/battery and FM stereo LED indicators. Jacks for headphone and external mikes. 4³/₄ x 17³/₄ x 4³/₄". UL listed AC (or 6 "C" batteries or DC adapter, extra). 14-789 99.95



ESP Available

Use Dependable Radio Shack ENERCELL® Alkaline Batteries for Best Results

World Radio History

CASSETTE PORTABLES FOR MUSIC ON THE GO

Our Lowest Priced AM/FM Stereo Cassette



59⁹⁵

NEW
FOR 87

ESP Available

- Auto-Stop Helps Prevent Tape Damage
- Built-In Electret Stereo Mikes
- Telescoping/Swivel Antenna

Realistic SCR-28. Listen to AM, FM stereo or cassettes anywhere. Record from radio as you listen. Rotary volume, balance and tone controls. Tape, radio and AM/FM slide-action selector switches. Two 3" speakers. LED FM stereo indicator. Has 1/8" jacks for headphone, external mikes. 5 3/4" x 16 5/8" x 3 3/8". UL listed AC (or 6 "C" batteries or DC adapter, extra). 14-796 59.95

Deluxe AM/FM Stereo Cassette



69⁹⁵

ESP Available

Aux Input Lets
You Add External
Audio Source

Realistic SCR-14. Record AM, FM stereo or "live" with built-in mikes. Pause control and auto-stop. Balance and tone controls. LED FM stereo/record indicators. Two 3 1/2" speakers. Jacks for adding external mikes, speaker. 1/4" headphone. 6 3/4" x 15 3/4" x 3 3/8". UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-784 69.95

AM/FM Cassette With Stereo-Wide



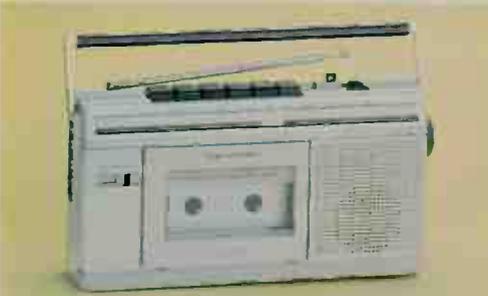
NEW
FOR 87

79⁹⁵

ESP Available
Stereo-Wide
Adds Depth
To Sound

Realistic SCR-25. Enjoy AM, FM stereo or cassettes, record with built-in mikes. Has auto-stop, auto-level, two 4" speakers, FM stereo/record LEDs. Has 1/4" jacks for headphone, external mikes. 8 1/4" x 15 3/4" x 4 1/2". UL listed AC (or 6 "D" batteries or DC adapter, extra). 14-792 79.95

AM/FM Cassette With Cue/Review



NEW
FOR 87

59⁹⁵

Cue/Review
Helps Find Tape
Passages Fast

Realistic Minisetite*-16. Listen to radio or cassettes, or record with the built-in mike. Pause control, tape counter and auto-stop. Slide-action tone and volume controls. Jacks for adding external mike, earphone. LED record/battery indicator, telescoping/swivel antenna. 5 1/4" x 10 x 2 1/4". Requires 6 "AA" batteries or DC adapter. 14-1075 59.95

Value-Priced AM/FM Cassette



NEW
FOR 87

39⁹⁵

Record Off Radio
Or "Live" with
Built-in Mike

Available Sept. 30, 1986

Realistic CTR-78. Three-way power for listening or recording anywhere, any-time. Rotary controls for volume and tuning. End-of-tape auto-stop in both record and play modes, plus pause control for editing-as-you-record. Telescoping antenna. 7 3/8" x 11 3/4" x 3 1/8". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1038 39.95

Prices Apply at Participating Radio Shack Stores and Dealers

World Radio History

STEREO-MATE® PERSONAL CASSETTES

Revolving Credit
Available
See Page 3

AM/FM Stereo & Dolby* B NR

NEW LOW
PRICE!

(1) Realistic SCP-5. Dolby NR for superior tape playback. Auto-reverse, metal-CrO₂/normal switch and LED tape direction indicators. FM stereo and low-battery LEDs. Belt clip. 5³/₄ × 3¹/₂ × 1³/₈". Requires 2 "AA" batteries or AC or DC adapter. 14-1013, 79.95

79⁹⁵

Was \$99.95
In 1986 Catalog

AM/FM Stereo Tape Player

(2) Realistic SCP-24. Separate rotary controls for adjusting left and right volume. Player has auto-stop, FM stereo/battery LED. Detachable belt clip. 5¹/₁₆ × 3¹/₁₆ × 1⁹/₁₆". Requires 3 "AA" batteries or DC adapter. 14-1039 39.95

NEW
FOR 87

39⁹⁵

*TM Dolby Laboratories Licensing Corp.



(1)

(2)



Amplified Speakers

49⁹⁵ With
Pair Case

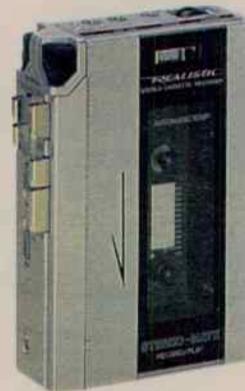
Turn your Stereo-Mate into a complete 3-piece portable system for exciting stereo enjoyment. See page 25 for details. 40-1259



Stereo Recorder With Built-in Speaker

79⁹⁵

Listen in Stereo
With Headphones
Or in Mono With
Built-In Speaker



Realistic SCP-17. Dual electret mikes let you record "live" in stereo anywhere! Use pause control for easy editing while you record. End-of-Tape auto-stop. Hi/low tone switch. Provision for use with charger and rechargeable batteries. Jacks for external mikes. 5 × 3³/₈ × 1⁵/₁₆". Requires 2 "AA" batteries or AC or DC adapter. 14-1037 79.95



(3)

(4)

(5)

Personal Stereo Cassette Players

59⁹⁵

With Dolby B NR

NEW LOW
PRICE!

29⁹⁵

Was \$39.95 in 1986 Catalog
With Built-In Equalizer

NEW
FOR 87

24⁹⁵

Budget-Priced

(3) Realistic SCP-19. Dolby system reduces hiss and extends dynamic range. Auto-reverse. Metal-CrO₂/normal switch. LED indicators for tape direction, battery condition. Belt clip. 4³/₄ × 3¹/₂ × 1³/₈". Requires 2 "AA" batteries or AC or DC adapter. 14-1033 59.95

(4) Realistic SCP-20. Boosts or cuts response in bands centered at 100, 1000 and 10,000 Hz. Auto-stop. LED low-battery indicator. Detachable belt clip. 4¹/₂ × 3¹/₄ × 1⁵/₁₆". Requires 2 "AA" batteries or AC or DC adapter. 14-1034 29.95

(5) Realistic SCP-22. This very affordable player gives you great stereo sound. Right/left volume controls. Auto-stop at end of tape. LED battery indicator. Detachable belt clip. 4¹/₂ × 3¹/₂ × 1³/₈". Requires 2 "AA" batteries or DC adapter. 14-1035 24.95

All STEREO-MATE Portables on This Page Require Lightweight Stereo Headphones With 1/8" Plug

Stereo Phones

4⁹⁵

Nova-34. Great sound in an economy package! Foam earpads and adjustable headband for comfort. Weighs only 2 ounces. 4-foot cord, 1/8" plug. 33-1000 4.95



OUR COMPLETE LINE OF CASSETTE RECORDERS

Handy "One-Touch" Personal Recorder



NEW FOR 87

29⁹⁵

- One-Touch Record and Cue/Review
- Built-In Microphone

Minisette®-18. One-touch design lets you edit your dictation easily—begins recording while in play mode, without stopping. Set your mike sensitivity with the built-in control. Has earphone/erase plug, LEDs for record/battery check and jacks for headphones and external mike. 6 x 4 x 1 1/2". Requires 4 "AA" batteries or AC or DC adapter. 14-1036 . . . 29.95

Desktop or Portable

NEW FOR 87

27⁹⁵

Perfect For Dictation or Notes

Realistic CTR-71. Works equally well in the office or on the move. Features built-in mike, earphone, auto-stop, jacks for earphone, external mike. 1 1/2 x 5 3/4 x 9 5/8". Requires 4 "C" batteries or AC or DC adapter. 14-1051 27.95



Slim-Style AC/DC

NEW FOR 87

34⁹⁵

- Built-In Condenser Microphone
- Ideal for Students

Realistic CTR-72. Perfect for recording lectures, or taking verbal notes. Convenient controls for ease of operation. 1 5/16 x 5 3/4 x 9 5/8". UL listed AC or uses 4 "C" batteries or DC adapter (batteries, DC adapter, extra). 14-1052 34.95



With Switchable Auto-Level



59⁹⁵

Cue/Review Scans Tape in Forward Or Reverse to Find Your Place Quickly

Realistic CTR-68. Switchable auto-level means you have control for better dynamic range. Has built-in mike with hi/lo sensitivity control, volume and tone controls, auto-stop. Also has 5-segment LED recording meter, pause, cue/review, tape counter, aux input, and jacks for remote mike and earphone. 2 1/8 x 9 1/16 x 6 3/4". Requires 4 "C" batteries or AC or DC adapter. 14-808 59.95

Our Best Electronic "Note-Taker"

49⁹⁵

Ideal for Students Or Businesspersons

Realistic CTR-70. Features a tone control, auto-level, auto-stop, audible cue/review, tape counter and LED record/battery indicator. Built-in mike. 1 7/8 x 5 1/2 x 10 1/2". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1050 49.95



Pocket Recorder

NEW FOR 87

49⁹⁵

Voice-Actuation for Hands-Free Recording

Realistic CTR-85. Prevents silent gaps during playback. Auto-level. 1 5/8 x 6 7/8 x 3 3/4". Requires 4 "AA" batteries or DC adapter. 14-1056 49.95



Radio Shack Has the Adapters You Need for Portable Recorders

AC and DC Power

Stop wasting batteries and start saving money! These adapters will operate your portable tape recorder from 120VAC house current or 12VDC mobile power.

Cat. No.	AC	Price	DC	Price
14-765	*		270-1534	4.99
14-770	*		270-1562	12.95
14-784	*		14-844	6.95
14-789	*		270-1562	12.95
14-792	*		270-1562	12.95
14-793	*		270-1562	12.95
14-796	*		270-1562	12.95
14-797	*		270-1562	12.95
14-798	*		270-1562	12.95
14-800	273-1454	5.95	14-844	6.95
14-808	*		14-844	6.95

Cat. No.	AC	Price	DC	Price
14-846	273-1454	5.95	14-844	6.95
14-847	273-1454	5.95	14-844	6.95
14-1013	273-1435	4.95	270-1560	9.95
14-1027	273-1435	4.95	270-1560	9.95
14-1033	273-1435	4.95	270-1560	9.95
14-1034	273-1435	4.95	270-1560	9.95
14-1035	273-1435	4.95	270-1560	9.95
14-1036	273-1454	5.95	14-844	6.95
14-1037	273-1435	4.95	270-1560	9.95
14-1038	*		14-844	6.95
14-1039	273-1650	11.95	270-1560	9.95

Cat. No.	AC	Price	DC	Price
14-1040	273-1435	4.95	270-1560	9.95
14-1041	273-1435	4.95	270-1560	9.95
14-1042	273-1435	4.95	270-1560	9.95
14-1046	273-1454	5.95	14-844	6.95
14-1050	*		14-844	6.95
14-1051	273-1454	5.95	14-844	6.95
14-1052	*		14-844	6.95
14-1056	273-1454	5.95	14-844	6.95
14-1060	*		270-1562	12.95
14-1075	273-1455	6.95	14-844	6.95

* Not Required AC Power Supply Built-In

When You Need Batteries, Use Radio Shack ENERCELL® for Best Results—See Pages 110-112

SIX MORE GREAT VALUES IN PORTABLES

Revolving Credit
Available
See Page 3

Cassette Recorder With Amazing, Time-Saving Variable Speech Control†

- "Speed-Listening" Plays Any Tape Up to Twice Normal Speed And You Still Understand Every Word
- Also Operates at Normal Speed

79⁹⁵

Realistic VSC-2000. Remarkable Variable Speech Control feature gives you faster, yet normal-sounding speech playback with any standard cassette tape. Helps you utilize your time more efficiently by letting you listen to recorded material in up to half the normal time. Normal/VSC switch does not affect VSC settings. Also features slide-action playback speed and pitch controls, pause control, cue/review, tape counter, auto-stop, automatic recording level and built-in microphone. Has jacks for earphone (included) and optional remote-control mike. 2 1/4 x 9 7/8 x 6 3/4". UL listed AC (or 5 "C" batteries or DC adapter, extra). 14-1060 79.95

†TM of Variable Speech Control Co



Voice-Actuated Cassette Recorder



59⁹⁵

Prevents Long Silent Gaps

Realistic CTR-75. It just couldn't be easier to use! Auto-level recording and cue/review finds selections fast. Includes jacks for earphone and remote mike. 1 3/8 x 4 5/8 x 7 1/8". Requires 4 "AA" batteries or AC or DC adapter. 14-800, 59.95

Compact Voice-Actuated Cassette

NEW FOR 87

59⁹⁵

- Micro-Thin Portability
- Saves Tape, Saves Time

Minisette-15. Automatic hands-free recording. Pushbutton controls, built-in mike, tape counter, hi/lo mike switch, battery/record LED, jacks for earphone, remote mike, external DC power. With earphone, strap. 4 3/8 x 3 3/8 x 1 1/4". Requires 2 "AA" batteries or AC or DC adapter. 14-1027 59.95



On-the-Go Cassette Entertainment is Fun for the Kids

Sing-a-Long Tape Player



NEW FOR 87

19⁹⁵

Introduce Kids to Music

Realistic CTP-69. Kids can sing along with their favorite tapes with the detachable mike! Has easy-to-use thumbwheel controls for little fingers, and auto-stop. 5 3/4 x 7 x 2 5/8". Requires 4 "C" batteries or AC or DC adapter. 14-847 . . . 19.95

Rugged Recorder



NEW LOW PRICE!

24⁹⁵

Was \$27.95
In 1986
Catalog

Realistic CTR-63. Designed especially for children. Has built-in mike plus auto-stop. Pushbutton tape controls and easy-carry handle. 8 1/8 x 6 7/8 x 2 3/4". Requires 4 "C" batteries or DC adapter. 14-846 24.95

Radio/Tape Kiddie Combo



NEW FOR 87

29⁹⁵

Safe and Easy To Use

Available
Sept. 30, 1986

Realistic CTR-79. Plays AM radio or kids' favorite cassettes! Features built-in mike, auto-stop to protect tapes, 3" speaker. 7 15/16 x 9 1/16 x 2 5/16". Requires 4 "C" batteries or DC adapter. 14-1046 29.95

Realistic® Cassette Tape is Perfect for Your Recording Needs—See Page 43

World Radio History

ELECTRONIC NOTETAKERS AND RECORDING TAPE

Two-Speed Microcassette Tape Recorders



99⁹⁵ NEW FOR 87

Low As \$20 Per Month •

49⁹⁵ NEW FOR 87

Available Sept. 30, 1986

39⁹⁵ NEW FOR 87

Available Sept. 30, 1986

ALL THREE FEATURE:

- Two Speeds for Up to Three Hours of Recording Time on One MC-90 Microcassette Tape
- Built-In Condenser Microphone for Quick and Easy Recording—Ideal for Students and Professionals
- Auto-Level for Perfect-Volume Recordings

Realistic® Micro-25. Our best! Fits in the palm of your hand, yet offers big features and excellent sound quality. Switchable sensitivity voice-actuation starts and stops recording with the sound of your voice—no buttons to push! Fast-play mode increases playback speed while keeping voices understandable—great for high-speed transcription. Has, cue/review, auto-stop, LED record/battery indicator. Only 5 x 2³/₁₆ x 7⁷/₁₆". With case, earphone. Requires 2 "AA" batteries or DC adapter.

14-1040 99.95

Realistic Micro-18. Features voice-actuated recording with hi/lo mike sensitivity and standard recording with auto-level. Cue/review and 3-digit tape counter help you find desired material quickly. End-of-tape auto-stop in play and record modes protects tapes from damage. Precise capstan drive. 1.2cm/sec or 2.4cm/sec speeds. With earphone and wrist strap. Jacks for external mike and earphone. 4⁷/₁₆ x 2¹/₂ x 1¹/₁₆". Requires 2 "AA" batteries or DC adapter.

14-1042 49.95

Realistic Micro-12. Same features as Micro-18, without voice actuation. 14-1041 39.95

Mini-Cassette Tape Recorder

39⁹⁵

- Cue Feature Helps Find Passages
- Built-In Electret Mike
- Auto-Level Recording

Realistic Minisette®. Slide-action controls permit easy one-hand operation. Cue button advances the tape rapidly in the play mode to help you find desired sections. Built-in speakers. LED record/battery condition indicator. With wrist strap, earphone. 5³/₄ x 2¹/₂ x 1". Compatible with all mini-cassette equipment and tapes. Requires 2 "AA" batteries. 14-1015 ... 39.95

Values in Microcassette and Mini-Cassette Tapes



Micro-90

Records 90 minutes at 2.4 cm/second and 180 minutes at 1.2 cm/second. For capstan-drive recorders. 44-644. 1-9 Each, 6.95 10-Up Each 5.95



Micro-60

Records 60 minutes at 2.4 cm/second and 120 minutes at 1.2 cm/second. For capstan-drive recorders. 44-640. 1-9 Each, 3.49 10-Up Each 2.99



Mini-30

For our Minisette recorder and other brands of rim-drive recorders. 30 minutes of recording time. 44-633. 1-9 Each, 2.89 10-Up Each 2.49

Realistic Quality Open-Reel Recording Tape



SUPERTAPE® Premium. Get superb sound and wide dynamic range without special bias settings with our finest open-reel tape. Super-calendered. Polyester base.

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

Low-Noise. Uniform oxide coating for excellent response and S/N ratio. Polyester base.

Reel Size	Feet	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
7"	1800	1.0	44-754	5.49	4.95	4.59	4.39
7"	2400	0.5	44-758	6.49	5.79	5.49	5.19
7"	3600	0.5	44-766	7.99	7.99	6.79	6.39

Concertape. General Purpose. 1800 feet, 7" reel. 1-mil. Polyester base. 44-1018 2.49

Accessories



7" Metal Reel. With storage box. 44-280 6.95

Tape Reel-Holders. Fits most recorders. 44-1068 Pkg. 2/1.19

3" Plastic Tape Reel. With index and timing chart. 44-273 59¢

5" Plastic Tape Reel. 44-278 99¢

7" Plastic Tape Reel. 44-279 1.39

8-Track Recording Tape



SUPERTAPE. High-output. Record up to 90 minutes, total. 90 minutes. 44-843

Each			
1-11	12-24	25-49	50-Up
3.99	3.49	3.19	2.99

Low-Noise. Polyester.

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

HIGH-QUALITY RECORDING CASSETTES

★Revolving Credit Available
See Page 3



Our Best! High-Tech Type IV Metal

C-60 **Low As 419** **48-Up** Coated With Fine-Grain Metal Particles For Increased High-Frequency Headroom

You won't believe how great it sounds. Enjoy sound reproduction that is virtually indistinguishable from open-reel recordings. Ideal for Compact Disc digital audio recording. For recording on metal-capable equipment only. Plays back on all cassette equipment.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 Minutes	44-960	5.99	5.39	4.79	4.19
C-90	90 Minutes	44-961	6.99	6.29	5.59	4.89

Hi-Bias Type II for More Dynamic Range

C-60 **Low As 245** **48-Up** Captures the Loudest and Softest Passages While Reducing Noise

Get excellent low-noise recordings on decks with CrO₂/hi-bias position. Plays on all cassette equipment. Has special leader that helps keep tape heads clean and your recordings sounding their best. Includes hinged storage box and handy index card.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 Minutes	44-940	3.49	3.15	2.80	2.45
C-90	90 Minutes	44-941	4.29	3.81	3.39	2.97

Low-Noise Type I High-Output Ferric

C-30 **Low As 105** **48-Up** High Output and Wide Frequency Response, Low Noise and Distortion

Standard tape with above-standard sound! Special High-Flux Density oxide formula. Precision housing reduces wow and flutter. With hinged storage box and index card. It's really a great value, so stock up.

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

Type II Metal for Hi-Bias CrO₂ Decks

C-60 **Low As 343** **48-Up** Captures the Subtle Harmonics of Fine Recordings for Life-Like Playback

A superior metal tape for recording on equipment with CrO₂/hi-bias 70µs EQ position. Delivers super-wide dynamic range and superior signal-to-noise ratios for clean recordings. Plays on all cassette equipment.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 Minutes	44-950	4.89	4.40	3.92	3.43
C-90	90 Minutes	44-951	5.69	5.12	4.56	3.99

Gold Type I Premium Ferric Oxide

C-45 **Low As 179** **48-Up** For Optimum Performance at Normal Bias for Greater Musical "Detail"

Quality recording tape at a low Radio Shack price! Precision housing cuts wow and flutter. For recording and playback on all cassette equipment. Non-abrasive head-cleaning leader. Hinged storage box.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 Minutes	44-920	2.59	2.33	2.10	1.79
C-60	60 Minutes	44-921	2.79	2.51	2.26	1.89
C-90	90 Minutes	44-922	3.79	3.41	3.07	2.59
C-120	120 Minutes	44-923	4.99	4.49	3.99	3.29

Type I—Quality Sound at Low Cost

3-Packs **Low As 179** **12-Up**



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

Singles C-60
Low As 88¢

Type	Record Time	Cat. No.	Each
C-60	60 Min.	44-605	.88
C-90	90 Min.	44-620	1.25

When in Fort Worth, Visit Tandy Center Mall, Home of Radio Shack World Headquarters

World Radio History

RADIO SHACK'S THE ONE-STOP RECORDING SHOP



Head Demagnetizers, DC Power Adapter and Bulk Eraser

(1) Universal Head Demagnetizer. For cassette, 8-track and open-reel decks. Removes residual magnetism from heads, improves signal-to-noise ratio, reduces hiss and preserves high-frequency response. Two interchangeable tips fit all tape equipment and adjust to any angle. With complete instructions. UL listed AC. 44-225 9.95

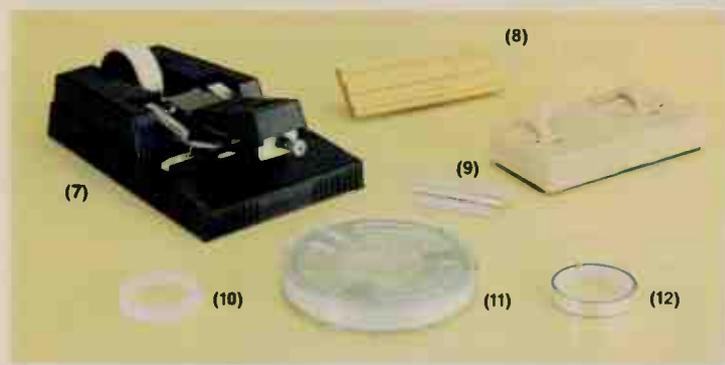
(2) Lighted Head Demagnetizer. For cassette, 8-track and open-reel decks. Removes residual magnetism from tape heads, restores high-frequency response, reduces hiss and prevents tape damage caused by magnetized heads. Lighted 3 1/2" probe helps you locate heads. With complete instructions. UL listed AC. 44-207 13.95

(3) Electronic Cassette Head Demagnetizer. An electronic demagnetizer you can use anywhere because it's cordless and battery powered. Loads like an ordinary cassette and demagnetizes in one second. Helps preserve crystal-clear highs, improves signal-to-noise ratio, cuts hiss, and improves high-frequency response. LED indicates when head is demagnetized. With long-life battery, complete instructions. 44-1165 19.95

(4) Cassette Demagnetizer/Cleaner Kit. Don't take chances on equipment "eating" your tapes. This five-piece set helps keep your recorder in peak condition. Restores fidelity and extends tape life. Also demagnetizes heads and reduces noise. Removes oxide deposits from heads, pinch roller and capstans. 44-1167 5.95

(5) Car/Boat DC Adapter. Save batteries while camping, boating or driving. Switchable 6V-9V DC operation. Powers most portable radios and recorders from your car or boat's cigarette lighter. LED "on" indicator. 6-foot cord. Fused for safety. With complete instructions. 12VDC negative ground. 14-844 6.95

(6) Magnetic Bulk Tape/Floppy Disk Eraser. Erases computer floppy disks, cassette, 8-track and open-reel tape in a fraction of the time and more completely than recorders or computer peripherals. Reduces noise to same level as erase head, but saves wear and tear. Eliminates computer program-blowing glitches on magnetic disks. With complete instructions. (Not for metal or video tapes). UL listed AC. 44-232 15.95



Helpers for Editing and Repairing Tapes

(7) Deluxe Cassette Tape Splicer. Chromed cut/trim lever cuts reliable diagonal splices and trims-off excess tape. With one roll of splicing tape. 44-214 6.49

(8) Tape Editing Block. For all tapes. Anodized aluminum splicer has 90° and 45° cutting guides. With cutting blade, mounting strip, instructions. 44-224 3.99

(9) Universal Tape Splicer. For all tapes. With razor blade, instructions. 44-216 1.99

(10) Splicing Tape. Resists age, heat, humidity. 100" roll.

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

(11) Leader Tape. For indexing or protecting your tape. 7/32 x 200" roll. 44-1131 99¢

(12) Sensing Tape. For recorders with contact, photo-sensing systems. 7/32 x 100" roll. 44-1155 1.99

Cassette Hand-Winder



3⁹⁹

Rewind cassette tapes by hand and prolong your portable's battery life. Wind a C-90 cassette in just 60 seconds—faster than most recorders. 44-223 3.99

On/Off Foot Switch



2⁹⁹

Remote control switch for hands-free on/off capability. Ideal for typing from dictation. Sub-mini plug fits remote control jack of most recorders. 44-610 2.99

Phone Pickup Coil



1⁹⁹

Simple To Use

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

May be incompatible with electronic phones

Stylish Carry Strap



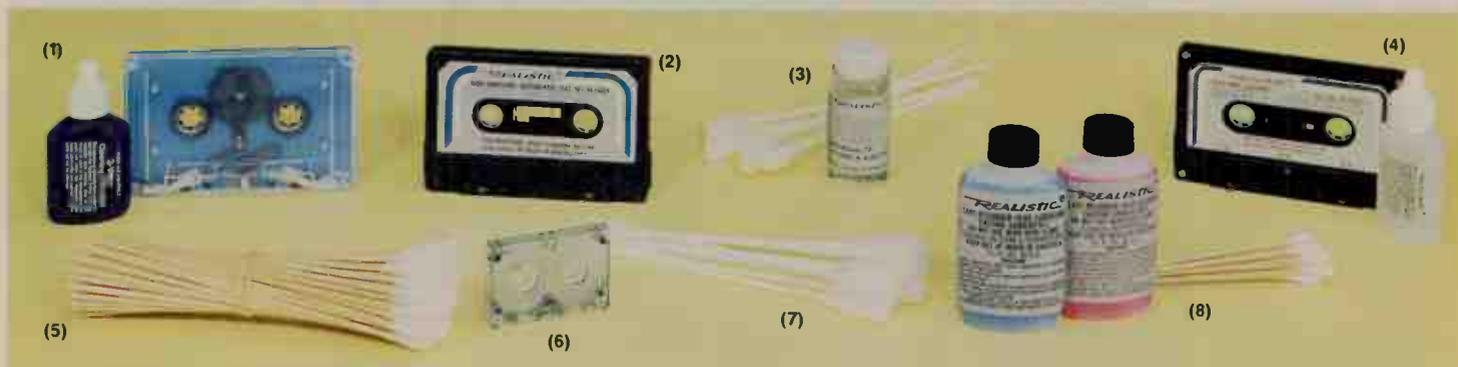
4⁹⁹

Take your portable radio or tape player along in comfort. Durable nylon web strap is extra-wide for comfort and fully adjustable, with sturdy metal clasps. 44-690 4.99

See Our Complete Line of Video Tape Accessories on Pages 46 and 47

TOP-QUALITY RECORDING ACCESSORIES

Revolving Credit
Available
See Page 3



Head Cleaning Products for Your Audio and Video Recording Equipment

- (1) **Cleaner Cassette.** Felt pads with unique wiping action clean tape head, pinch roller and capstan. 1/2-oz. of cleaning fluid. 44-1163 4.99
- (2) **Cassette Head Cleaner.** Non-abrasive cleaning tape restores clarity during recording and playback, prevents dirt build-up, extends tape life. 44-1160 1.89
- (3) **Professional Head Cleaning Kit.** For audio and video, it includes a 6-dram bottle of Freon TF™ solvent and six foam swabs. 44-1170 2.59

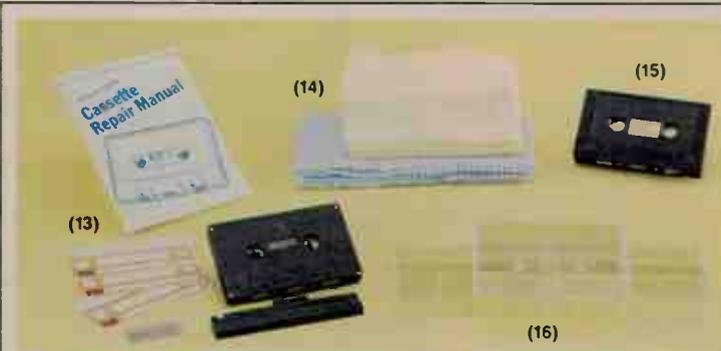
- (4) **Cassette Cleaning Kit.** Restores fidelity and extends tape life by removing oxide deposits from heads and capstan. Ideal for cleaning models with multiple heads or dual capstans. Includes cleaning fluid. 44-1162 2.69
- (5) **Head Cleaning Sticks.** Cotton-tipped 6" wood sticks for cleaning hard-to-reach places. 44-1093 Pkg. of 100/1.29
- T.M.E.I. du Pont de Nemours & Co., Inc.

- (6) **Microcassette Head Cleaner.** Non-abrasive tape cleans tape path and restores clarity to recording and playback. 44-1166 2.99
- (7) **Foam Cleaning Swabs.** Clean delicate audio and video recording and playback equipment like the pros. Lintless and reusable. 44-1094 Pkg. of 10/1.95
- (8) **Recorder Cleaner Kit.** With 1 1/4-oz. bottles of cleaner and lubricant plus 10 long-reach swabs. 44-217 1.69



Cassette Tape Protectors and Organizers

- (9) **Plastic Cassette Mailers.** Meet First Class Postal Regulation PSM 352.2. With labels. 44-608 Pkg. of 3/89¢
- (10) **Cardboard Cassette Mailers.** Heavy-duty boxes meet 1st Class Postal Regulations. With labels. 44-632 Pkg. of 6/79¢
- (11) **Cassette Index Cards.** Replace original index cards. Plenty of room to list newly recorded selections. Fit all standard cassette boxes. 44-623 Pkg. of 20/1.19
- (12) **Cassette Index Labels.** Self-adhesive. Cover original labels. Six each of red, blue, yellow and green. 44-621 Pkg. of 24/99¢



Everything for Storing/Restoring Tapes

- (13) **Deluxe Cassette Tape Repair Kit.** Fix damaged cassettes. Includes 32-page manual, housing, splicing block, razor blade, Mylar splicing tabs, screws and adhesive labels. 44-629 4.99
- (14) **Cleaning Cloths.** Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 Pkg. of 4/1.49
- (15) **Cassette Housing.** Easy to load. Replace your damaged or worn out housing. 24" leader tape, instructions. 44-526 1.19
- (16) **Cassette Boxes.** Protect your tapes. Hinged see-through type for easy identification. 44-611 Pkg. of 3/1.19

8-Track Tape Head Cleaners



- (17) **8-Track Doubleheader.** Cleans head, sensor and capstan. 44-208 2.99
- (18) **8-Track Head Cleaner.** Removes oxide deposits from heads and restores volume. 44-1161 1.99

Head Cleaning Sprays and Solvents



- (19) **Head Cleaner Solution.** For metal parts. 2 oz. 44-1010 99¢
- (20) **"Non-Slip" Solvent.** For idler belts, wheels. 2 oz. 44-1013 99¢
- (21) **"Pro" Solvent.** Freon TF dissolves dirt and oxide. 2 oz. 44-1171 2.39
- (22) **Zero Residue Cleaner Spray.** Cleans heads. 6 oz. 44-1014 1.99

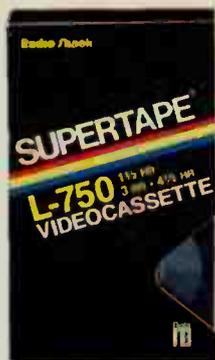
See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables

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



7⁹⁹
Each

(1)



7⁹⁹
Each

(2)



9⁹⁹
Each

(3)



9⁹⁹
Each

(4)

NEW FOR 87

Exclusive Particle Binder System for Long Life

SUPERTAPE HG Video Cassettes. For the best in slow-speed and special effects recording and playback. Captures the richness of color and detail, reduces dropouts and improves sound quality. Our exclusive High-Grade Formulation delivers many more hours of enjoyable viewing of your video tape library. Excellent for use with VHS Hi-Fi and Beta Hi-Fi VCRs.

SUPERTAPE Video Cassettes. Designed to deliver performance that you'll enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you vibrant, true-to-life colors. The special cassette housing is precision-made to close tolerances that minimize harmful dust pickup and reduce friction. A full set of pressure-sensitive identification labels are included with every cassette.

Buy Any of These Tapes in Quantities of 12 or More and Save \$1 Per Tape!

(1) VHS T-120 Video Cassette. Up to 6 hours recording time. Excellent color stability and consistently clear picture. Compatible with all VHS recorders. 44-400 **7.99**

(2) Beta L-750 Video Cassette. Up to 4 1/2 hours recording time. Long-life particle formulation—great for time-shift recording. 44-475 **7.99**

(3) VHS T-120 SUPERTAPE HG. Extraordinary resolution and color reproduction at slow speed plus superior audio reproduction. 44-410 **9.99**

(4) Beta L-750 SUPERTAPE HG. For unsurpassed picture and sound play after play. Recommended for your archival-quality recordings. 44-480 **9.99**

Video Accessories to Make Recording and Organizing Easy

Automatic VCR Cleaning Systems

Non-Abrasive System Loads Like a Cassette—Just "Play" to Restore Video and Audio Quality



- (5) Keeping your VCR's heads clean is important—dirty heads cause excessive video noise and a decrease in color quality. Why void your warranty by "going inside" your VCR to clean it? Instead, use this non-abrasive system to thoroughly clean heads, capstans, pinch rollers and guides. Cleaning takes only 20 seconds or less. Just put cleaning fluid into the special cassette, load it in your VCR, and press play button. That's all there is to it! Use it when needed for maximum VCR performance.

(5) For Beta. 44-1186 **14.95**

(6) For VHS. 44-1185 **14.95**



VCR Cleaning Kit

9⁹⁵

Keep Your VCR Working Like New

Cleans entire tape path. With 4 tools, brush, mirror probe, glove, Freon TF™ cleaner, instructions. 44-1172 . . . **9.95**
TM Trademark of E. I. duPont de Nemours & Co. Inc.



Video Tape Timer

1⁹⁹

Works With Most VCRs

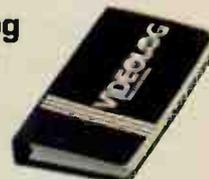
Gives you elapsed time for 2, 4 or 6-hour recording modes. For T-120-VHS or L-750 Beta. 44-1189 . . . **1.99**



Video Log Indexing System

4⁹⁹

If you own over five video tapes or make your own movies, Videolog will create a quick reference for your library. 44-1176 **4.99**



VHS Cassette Rewinder/Fast-Forwarder

29⁹⁵

NEW FOR 87

Saves Time and Wear on VCR

Frees VCR for use while you rewind or fast-forward another tape. Requires 4 alkaline "C" batteries or AC adapter. 44-1140 **29.95**



Video Cassette Labels

1⁴⁹

Pkg. of 10

For VHS. 44-1177 **1.49**

For Beta 44-1178 **1.49**



Bulk Tape Eraser

29⁹⁵

For Beta, VHS Video and All Audio Tapes



Erases better than recorder's erase head. UL listed AC. 44-233 . . . **29.95**

AUDIO AND VIDEO TAPE ORGANIZERS

Revolving Credit
Available
See Page 3

Audio Cassette Cases



Low As **3⁹⁵** Store Them Like Books

12-Cassette Folding Album. Tapes snap in and out. Folds to 10 1/2 x 9 1/2 x 1 1/4". 44-612 ... 3.95
24-Cassette Case. 44-609 ... 7.39

Audio Cassette Racks



2⁴⁹
Set of 2 For Up to 20 Tapes

Smoked acrylic racks hold ten cassettes each for a total of 20. Add more as your tape library grows. 44-682 ... 2.49

Audio Cassette Case



6⁹⁵

For Up to 24 Tapes

Holds 12 boxed or 24 unboxed cassettes. Smart vinyl leatherette, snap latch, carry handle. 3 1/2 x 10 1/8 x 6 7/8". 44-657 ... 6.95

Audio Tape Carry Case



9⁹⁵

For Up to 48 Cassettes

Holds 24 boxed or 48 unboxed tapes. Leather-look vinyl, snap latch, carry handle. 3 1/2 x 14 1/2 x 8 3/4". 44-658 ... 9.95

Audio Cassette Tray



2⁹⁹

For 15 Tapes

Tinted cover guards tapes. 3 1/8 x 12 1/2 x 4 1/2". 44-665 ... 2.99

Audio Tape Carousel



9⁹⁵

For 32 Audio Cassettes

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

Audio Cassette Case

17⁹⁵

Both Ends Open



Holds 60 boxed or 120 unboxed tapes. 6 1/2 x 14 1/4 x 9 7/8". 44-679 ... 17.95

Deluxe Audio Tape Case

16⁹⁵

24 Boxed, 48 Unboxed



Cassette case with padded interior. 4 1/4 x 14 1/8 x 7 1/2". 44-663 ... 16.95

Audio Cassette Module



NEW FOR 87

1⁹⁹

Holds 10 boxed, 16 unboxed tapes. 4 3/4 x 8 9/16 x 2 1/4". 44-685 ... 1.99

Universal Carry Case

9⁹⁵

With Strap



Holds 10 audio cassettes or personal stereo. 7 3/4 x 5 1/2 x 2 3/4". 44-681 ... 9.95

Audio Cassette Cabinet

17⁹⁵



Holds 36 tapes. Walnut vinyl. 4 1/4 x 15 5/8 x 12 1/2". 44-684 ... 17.95

Mini/Micro Cassette Tray

Holds 12 Audio Tapes



2⁴⁹

Smoke-tinted cover protects tapes. 2 x 2 3/16 x 7". 44-678 ... 2.49



Video Cassette Cabinet

29⁹⁵

Holds Up to 24 Beta or VHS Tapes

Sturdy wood cabinet with two compartment drawers will support up to 70 pounds. No-mar feet. Simulated wood-grain finish. 5 1/4 x 17 1/2 x 16". 44-1199 ... 29.95



One-Drawer Cabinet

16⁹⁵

Holds Up to 10 VHS Or Beta Tapes

Stores and protects video cassettes with or without library-type albums. Woodgrain finish. 6 x 9 1/2 x 15". 44-1188 ... 16.95

Video Module

NEW FOR 87 **4⁹⁹**

Holds Six Tapes



Stores VHS and Beta tapes. Expand it as your tape library grows. 44-1102 ... 4.99

Video Tape Racks

3⁹⁹



Set of 2

Smoke-colored molded racks each hold six Beta or VHS tapes for a total of 12. 44-1197 ... 3.99

Video Library Albums



1³⁹ For VHS or Beta

Protects and organizes VHS or Beta tapes, book-style. 44-1198 ... 1.39

Video Tape Mailer



2⁴⁹ Labels Included

U.S. Postal Service approved. Locking, dust-free storage for VHS or Beta. 44-1101 ... 2.49

Universal VCR Cover

5⁹⁵



See-Thru Front

Keeps out damaging dust. Static resistant vinyl. Fits most VCRs. 7 x 20 x 16". 44-1182 ... 5.95

REALISTIC PORTABLE ELECTRONIC KEYBOARDS

8-Note Polyphonic Keyboard With 5-Band EQ & 20 Preset Sounds



NEW
FOR 87

149⁹⁵

Low As \$20
Per Month*

- Built-In Equalizer Lets You Add "Punch" To Selected Instruments or Presence To Soloist Sounds
- Auto-Accompaniment Keys Play Chords & Bass in Time With 12 Selectable Rhythms
- Slide Controls for Accompaniment Volume, Tempo, Melody and Main Volume

Concertmate®-600. Perfect for musicians or beginners who want to create great-sounding music without years of practice! Simulates the sounds of 20 instruments including: trumpet, electric guitar, accordian, flute, organ and mandolin. You can add automatic chord, bass and rhythm accompaniment. Features 49 mini keys, 4-octave range, 12 rhythms and pitch control, plus vibrato, delayed vibrato, sustain and reverb effects. Plays through built-in speaker, stereo system, PA amp or headphones. Auto power-off conserves batteries. Power-on LED, 1/8" headphone jack. Requires 5 "D" batteries or AC or DC adapter. 42-4005 149.95

Keyboard: 49 keys, 4 octaves. **Preset Sounds:** Organ, Flute, Trumpet, Oboe, Violin, Piano, Harpsichord, Celesta, Mandolin, Funny, Pipe Organ, Clarinet, Horn, Accordian, Cello, Harp, Electric Piano, Vibraphone, Electric Guitar, Cosmic Tone
Rhythms: Rock, Pop, Disco, Swing, Samba, 16-Beat, Latin Swing, Bossa Nova, Beguine, Tango, Waltz, Slow Rock
Chord: 8-note polyphonic. **Size:** 2 1/2 x 24 7/8 x 7 3/8"

4-Note Polyphonic Sampling Keyboard With PCM Sound & 8 Presets



NEW
FOR 87

99⁹⁵

Low As \$20
Per Month*

- Sampling Function Processes Ordinary Sounds Into Musical Tones
- 400-Note Memory ■ Slide Controls for Volume, Power/Play/Record and Mode

Available Sept. 30, 1986

Concertmate-500. Create unique music! Digital technology lets you record (sample) a sound, process it and store it in memory for later playback. Simulates 8 instruments, including jazz organ and even a human voice. Chord, bass and rhythm accompaniments, 32 mini keys, 2 1/2 octaves, 11 rhythm accompaniments, pitch control. Vibrato and portamento effects. Plays through built-in speaker, headphones, stereo/PA system. Auto power-off. Built-in mike. 1/8" mike and headphone jacks. Requires 5 "AA" batteries or AC or DC adapter. 42-4004 99.95

Keyboard: 32 keys, 2 1/2 octaves. **Preset Sounds:** Piano, Brass Ensemble, Trumpet, Synthesized Drum, Human Voice, Flute, Pipe Organ, Jazz Organ. **Rhythms:** Rock, Pop, Disco March, Samba, Bossa Nova, 4-Beat, Swing, Slow Rock, Waltz
Chord: 4-note polyphonic. **Size:** 1 3/4 x 18 x 6"

Electronic Melody Maker With Programmable 100-Note Memory



49⁹⁵

- Memory Plays Back Your Entire Melody Automatically or With 1-Key Selection
- Four Preset Tones and Ten Built-In Rhythm Accompaniments
- Piano-Style Keyboard ■ Built-In Speaker

Concertmate-300. Great family fun. You can create a melody, then change its tempo, add rhythm and choose its own musical accompaniment. Then change it again. Built-in rhythms include swing, rock, march and rumba. Plays through built-in speaker, headphone, stereo system or PA amp. Has adjustable volume and pitch controls, auto power-off to save batteries, and power-on LED. 1/8" headphone jack. Requires 4 "AA" batteries or AC or DC adapter. 42-4003 49.95

Keyboard: 29 keys, monophonic. **Preset Sounds:** Piano, Flute, Fantasy, Violin. **Rhythms:** March, Waltz, 4-Beat, Swing, Rock-1, Rock-2, Bossa Nova, Samba, Rumba, Beguine. **Pitch Shift:** ± 1/2 tone. **Size:** 1 7/16 x 13 5/8 x 3 13/16"

Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3

DUAL-CASSETTE STEREO RACK SYSTEMS

Complete System With Digital-Synthesized Tuner and Dolby* B NR

• Revolving Credit Available
See Page 3

- 60-Watt¹ Amplifier ■ AM/FM Tuner
- High-Speed Dubbing Cassette Deck
- 5-Band Frequency Equalizer
- Belt-Drive Turntable With Cartridge
- Two 3-Way Speakers ■ Audio Rack

NEW FOR 87

399⁹⁵

Low As \$20 Per Month*
ESP Available

Realistic System 300. All the most-wanted features and components! Amplifier has built-in equalizer that lets you add "punch" to certain instruments or vocals, or adjust sound to match room acoustics. Tuner features a search mode that lets you scan up and down the FM and AM bands. The system stops at each station and locks it on-channel, automatically skipping over weaker stations. Feather-touch control bar for manual tuning. Memory stores up to 5 FM and 5 AM stations for instant recall. FM mute, LED frequency display, LEDs for memory, search and FM stereo. Dual-cassette lets you copy personal tapes in half the normal time. "Continuous-play" mode lets you listen to two tapes in sequence. Dolby* B noise reduction cuts tape hiss and extends dynamic range. Has 7-LED record level meter that also functions as a line-level meter during radio and phono play, auto-stop and tape counter. Turntable features cue lever, magnetic cartridge with diamond stylus, and a hinged dust cover. Plays 33¹/₃ and 45-RPM discs. Speakers have 8" woofer, 5" midrange and 2¹/₂" tweeter. Rack has casters and a shelf for optional CD player. UL listed AC. 13-1230 399.95

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 55 dB phono, 70 dB aux. **FM TUNER.** Sensitivity: 4.0 µV (17.2 dBf) Capture Ratio: 3.0 dB. S/N: 60 dB. Selectivity: 40 dB. Image Rejection: 35 dB. **CASSETTE.** Response ± 3 dB: 60-12,000 Hz. Wow and Flutter: Less than 0.15% WRMS. S/N: 61 dB Dolby B (ref. 3.0% distortion). **Speaker Size:** 28¹/₄ x 11³/₄ x 6⁵/₈" **Rack Size:** 38¹/₅ x 18²/₅ x 15" **EXTERNAL CONNECTIONS:** 75 or 300-ohm FM antenna, CD/aux. Aux. A/B speaker pairs, 1/4" headphone, 1/8" mike jacks. *TM Dolby Laboratories Licensing Corp.

Add Our Compact Disc Player and Save \$19⁹⁵



Get our CD-2200 compact digital audio disc player, reg. \$199.95, at 10% off when purchased with System 300. See page 19 for a full description. #42-5003



Shown with optional CD player
LPs, tapes and accessories not included

Available Oct. 15, 1985

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

Value-Priced AM/FM Stereo Phono System With Dubbing Cassette

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

NEW FOR 87

199⁹⁵

Low As \$20
Per Month*

ESP Available

Realistic System 100. Modern styling and dependable performance at a bargain price! Amplifier has slide volume control and LED function indicators. Tuner features built-in AFC for drift-free FM listening, automatic stereo/mono switching for best sound quality and an FM-stereo LED. Dual cassette decks make it easy to duplicate your personal cassettes, and you can play two tapes in sequence for twice the listening pleasure. Play-only deck-1 and record/play deck-2 both have pause controls for easier editing while you record. Auto-level assures perfect-volume recordings everytime. Record LED, auto-stop in play and record modes. Turntable has belt-drive for smooth operation, cue lever and ceramic cartridge with diamond stylus. Includes dust cover. 5" speakers in 27¹/₅ x 11¹/₈ x 7¹/₈" enclosures. Built-in antennas, terminals for 75 or 300-ohm external antenna. 1/4" headphone jack, 1/8" mike jacks. Rack size, 29¹/₈ x 15⁴/₅ x 13²/₅". UL listed AC. 13-1228 199.95



LPs not included.

Available Oct. 30, 1986

Protect Your Equipment Investment With Radio Shack's Extended Service Plan—See Page 93

DUAL-CASSETTE AM/FM STEREO PHONOS

Our Finest! With Dolby[†] B NR System



NEW LOW PRICE!

Was \$299.95 in 1986 Catalog

279⁹⁵

Low As \$20 Per Month*

ESP Available

- Dolby NR System Reduces Tape Hiss
- Two-Speed Automatic Record Changer
- "Soft-Touch" Cassette Controls

Realistic Clarinette[®]-115. Copies cassettes and records directly from FM stereo, AM or the changer while you listen. You can even add mikes and record "live". Continuous mode plays two tapes in sequence. Has auto-stop at end of tape on both decks and digital tape counter for simple operation. A 10-step LED meter helps you set the correct recording volume. Changer stacks up to four 33¹/₃ or 45-RPM discs, shuts off after last one plays, and has a cue/pause lever. Separate bass, treble and loudness controls, dual CrO₂ standard tape selectors and a hi-filter let you adjust the sound the way you like it. Also features LED indicators for FM stereo, recording, Dolby and continuous-play modes, lighted dial, 1/4" headphone jack, 1/8" mike jacks, jacks for aux input and optional second pair of speakers. Walnut-grained vinyl finish. 9³/₄ x 16¹/₂ x 15". Includes matching speakers with 6¹/₂" drivers in 17"-high enclosures. UL listed AC. 13-1219 . . . 279.95

[†]TM Dolby Laboratories Licensing Corp.



10-Step LED Record-Level Meter



5-Step LED Audio Power Meter



With Built-In 5-Band Frequency Equalizer

NEW FOR 87

229⁹⁵

Low As \$20 Per Month*

ESP Available

- Belt-Drive Turntable With Cue/Pause
- Auto-Stop in Play and Record Modes
- Record Level is Set Automatically

Clarinette-120. Built-in equalizer boosts and cuts frequency response in five separate bands for sensational "customized" sound. Dual decks let you duplicate tapes and play two tapes in sequence. You can also record directly from the turntable or AM/FM stereo while you listen, and add mikes to record "live". Digital counter helps you find tape selections. Pause controls on both decks make it easy to edit while recording. Turntable plays 33¹/₃ or 45-RPM discs and has automatic arm return and shut off. 1/4" jack for stereo headphones, 1/8" jacks for optional mikes. Walnut-grained vinyl finish. 11 x 16¹/₈ x 16". Includes matching plug-in speakers with 6¹/₂" drivers in 17"-high enclosures. UL listed AC. 13-1224 . . . 229.95



5-Step LED Audio Power Output Level Meter



Digital-Electronic Tuning With Memory

NEW FOR 87

199⁹⁵

Low As \$20 Per Month*

ESP Available

- Memory Stores 5 FM, 5 AM Stations
- Up/Down and Automatic Seek Tuning
- Two-Speed Turntable With Cue/Pause

Clarinette-123. Combines dual decks and precise digital tuning at a very affordable price. Memory stores your favorite stations for instant one-touch selection. You can also tune manually or use the seek mode to lock in the next available station. Dual decks let you duplicate tapes and play two tapes in sequence. Records directly from AM/FM stereo, turntable, or "live" with optional mikes. Automatic record-level setting, auto-stop, pause controls and digital counter make operation easy. 1/4" jack for stereo headphone, 1/8" jacks for mikes. 5¹/₈ x 16⁵/₁₆ x 14⁵/₁₆". Includes matching plug-in speakers with 5" drivers in 17"-high enclosures. UL listed AC. 13-1227 . . . 199.95



Easy-to-Read LED Display Shows Exact Station Frequencies

Available Nov. 15, 1986

MUSIC SYSTEMS FOR THE YOUNGSTERS

• Revolving Credit Available
See Page 3



AM/FM Stereo Phono With Dual Cassette

NEW FOR 87

179⁹⁵

Low As \$20 Per Month*

ESP Available



Our Lowest Priced System With Dual Decks

- Two-Speed Turntable With Automatic Arm Return and Shut Off
- Dual Decks Let You Copy Cassettes and Play Two Tapes in Sequence
- Includes Matching 17"-High Speakers With Plug-in Connectors

Clarinette-122. Our lowest priced all-in-one system with dual cassettes offers versatility, good sound and easy operation at low cost. It's ideal for the music-minded teenager. Automatic record-level setting makes perfect-volume tapes without adjustments. You can record directly from AM/FM stereo radio or the turntable while you listen, and add mikes to capture "live" stereo. Both decks have auto-stop at end of tape to protect cassettes and a pause control for easy editing. Belt-drive turntable plays 33 $\frac{1}{3}$ and 45-RPM speeds. LED indicators for power "on", continuous play, recording and FM stereo modes. $\frac{1}{4}$ " jack for stereo headphone and $\frac{1}{8}$ " jacks for optional mikes. 5 $\frac{1}{16}$ x 16 $\frac{15}{16}$ x 14 $\frac{5}{8}$ ". Matching speakers have 5" full-range drivers. UL listed AC. 13-1226 179.95



Low-Cost AM/FM Stereo Cassette/Phono

139⁹⁵

Low As \$20 Per Month*

NEW FOR 87

ESP Available

- End-of-Tape Auto-Stop in Record/Play Modes-Protects Cassettes
- Two-Speed Turntable With Automatic Arm Return and Shut Off
- Includes Matching 17"-High Speakers With Plug-in Connectors

Clarinette-121. This easy-to-operate all-in-one system is perfect for young listeners or as a "second" system anywhere in your home. The cassette deck will record directly from the turntable and AM/FM stereo while you listen. Front-panel $\frac{1}{8}$ " jacks let you add mikes and make "live" stereo tapes. Auto-level system sets the recording volume so you get perfect-volume tapes without adjustments. Pause control makes it easy to edit while you record. The belt-drive turntable plays 33 $\frac{1}{3}$ and 45-RPM discs and has a hinged cover. Front panel has LED FM stereo, record-mode and power "on" indicators, lighted dial, $\frac{1}{4}$ " jack for adding stereo headphones. 5 $\frac{1}{16}$ x 16 $\frac{15}{16}$ x 14 $\frac{5}{8}$ ". UL listed AC. 13-1225 139.95

Child's Phono With Sing-Along Mike

27⁹⁵

Plays 33 $\frac{1}{3}$ and 45-RPM Records



"Strawberry" Mike Lets Kids Sing Along

Children will love hearing their own voices along with their favorite records. This safe, easy-to-use monaural phono has built-in speaker volume control, power switch. Durable case folds for easy storage. UL listed AC. 13-1123 27.95

Stereo Phono System With Wood Speakers

59⁹⁵

- 2-Speed Phono With Built-in 45-RPM Adapter
- Plug-In Speakers With 4" Drivers



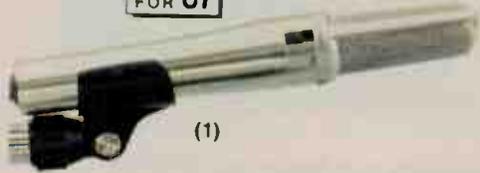
Clarinette-23. Manual phono with ceramic cartridge plays both 33 $\frac{1}{3}$ and 45-RPM records. Features rotary volume and balance controls, power on/off and speed selector switches on the front panel, $\frac{1}{4}$ " jack for adding stereo headphones. Includes dust cover and wide-range speakers in 10"-high enclosures. UL listed AC. 13-1124 59.95

Realistic Clarinette® Systems Are Easy to Set Up—Just Plug in the Speakers

MICROPHONES FOR STAGE, STUDIO & HOME

Stereo Mikes for Simplified Recording

NEW FOR 87



(1)

29⁹⁵

Dual-Pattern
Electret

19⁹⁵

Dual-Head
Electret

Ideal to Record Large Groups



(2)

(1) Dual-Pattern. Two electret elements and a matrix circuit let you select "normal/voice" or "wide/music" pickup pattern. 30 to 15,000 Hz. Vinyl case, stand, 10-ft. cord, two 1/4" plugs. Requires "AA" battery.

33-2012 29.95

(2) Dual-Head. Heads adjustable up to 90° for full stereo separation. 50-15,000 Hz response. 600 ohms. Built-in stand. 5 5/8" long. 6 1/2-ft. cord, two 1/8" plugs. Requires "AA" battery.

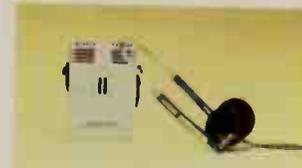
33-1065 19.95

Listening-Aid Systems

Binaural Design

23⁹⁵

Includes Lightweight
Adjustable Headphones



Listening-Aid System With Nova[®]-34 Headphones. Amplifies sounds around you for easy listening. Binaural (2-channel) circuit for natural sense of direction. Two electret mikes, dual volume controls. On/off/hi-boost for better high-frequency response. Neck strap. 3 3/4 x 2 1/2 x 3/4". Requires 2 "AA" batteries. Reg. separate items \$26.90. Save \$2.95.

33-1091/33-1000 23.95

Listening Aid Alone.

33-1091 21.95



Dynamic Mikes for Recording and PA, All With Wire Mesh Screens to Reduce Wind and Breath Noise



49⁹⁵

39⁹⁵

29⁹⁵

24⁹⁵

19⁹⁵

14⁹⁵

Realistic[®] Highball. Unidirectional. An outstanding microphone for public address systems and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high or low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6 1/2" long. 16-ft. cable with 1/4" plug. Includes deluxe case, stand adapter. 33-984 49.95

Super-Omnidirectional. Flat 40 to 17,000 Hz response. Rugged body with rubber shock ring to reduce vibration noise. Low-impedance (XLR) capability. 6 3/4" long. Includes 16-ft. cable with 1/4" plug, carrying case, stand adapter. 33-1070 39.95

Cardioid Pattern. Sturdy die-cast body. On/off switch. 50 to 15,000 Hz response. Low-impedance (XLR) capability. 7" long. Includes 12-ft. cable with 1/4" plug, stand adapter. 33-1071 29.95

Tight-Cardioid Pattern. Minimizes background noise and feedback. 80 to 12,000 Hz response. 600 ohms. On/off switch. 7" long. Includes 6-ft. cable with 1/4" plug, stand adapter. 33-992 24.95

Realistic Highball-2. Omnidirectional. Internal "pop" filter. Chromed body. On/off switch. 50 to 13,000 Hz response. 600 ohms. 8 3/4" long. Includes 6-ft. cable with 1/4" plug, stand adapter. 33-985 19.95

Realistic Highball-7. Unidirectional. Internal filter reduces feedback. On/off switch. 80 to 15,000 Hz response. 600 ohms. 8 1/2" long. Includes 10-ft. cable with 1/4" plug, stand adapter. 33-986 14.95

Pattern Choice



Cardioid



Omnidirectional

Cardioid or Unidirectional. This pickup pattern helps reduce background noise and feedback.

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

Two-Way Use!



Mikes 33-984, 33-1070 and 33-1071 are adaptable to professional-type XLR balanced output. See page 129 for XLR connectors.

Acoustic Foam Windscreen



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

Radio Shack Gift Certificates Are Perfect for Any Occasion - See Page 3

WIRELESS AND SPECIAL-PURPOSE MIKES

Revolving Credit
Available
See Page 3

Wireless FM Tie-Clip Mike



Actual
Size

19⁹⁵

Transmits to Any
Standard FM Radio

This tiny electret condenser mike fits in the palm of your hand, yet transmits up to 250 feet outdoors. Great for PA or remote taping. 1³/₄ x 3/₈ x 3/₈". Tunable 88-108 MHz. On/off switch. Includes tuning tool, battery. 33-1076 19.95

Complete 2-Piece Wireless FM Mike System



- Crystal-Controlled Transmitter
- Dual-Conversion Receiver
- Clip-On Electret Mike

Hands-free talking and freedom of movement for lecturers, MCs, clergymen. Use with PA or hi-fi amp, or video camera. Transmitter has off/standby/talk switch, LED battery-test indicator, belt clip. 200-ft. range, 70-10,000 Hz response. Transmitter (2³/₈ x 3³/₄ x 7/₈") requires "AA" battery. Rcvr. (2¹/₄ x 6³/₄ x 5¹/₄") UL listed AC (or DC adapter, extra). 32-1221 69.95
12VDC Power Cord. 270-1534 4.99

Slim Electret Omni Mike



17⁹⁵

- Only 6³/₄" Long
- With Desk Stand

Weighs less than 3 ounces. 20 to 13,000 Hz. 600 ohms. With cable, 1/₄" plug. Requires "AAA" battery. 33-2011 17.95

PZM[®] Microphone



39⁹⁵

Realistic PZM. Detects pressure changes, not sound waves, so PZM eliminates "echos" and increases clarity and range. Ideal for large rooms and stages. 20 to 18,000 Hz. 600 ohms. 5¹/₂ x 4⁷/₈". 18-ft. cord, 1/₄" plug. Requires "AA" battery. 33-1090 39.95

PZM is a Trademark of Crown International

Omnidirectional Mikes



12⁹⁵

29⁹⁵

Omnidirectional. Credit card size electret. 30 to 18,000 Hz. 700 ohms. Cord, 1/₈" plug. With RS391 battery. 33-1089 12.95

Solar-Powered Omnidirectional. 50 to 15,000 Hz. 1000 ohms. 5-ft. cord, 1/₈" plug. 33-2010 29.95

Electret Tie-Clip Mikes



Low As
14⁹⁵

Ideal for Stage, Lectures, Public Speaking

(1) Miniature Mike. Just 3/₄" long. 50-15,000 Hz. 1000 ohms. With clip, 3-ft. cord, 1/₈" plug, LR44 battery. 33-1052 14.95

(2) Omnidirectional. 30 to 18,000 Hz. 800 ohms. Only 7/₈" long. Includes 6¹/₂-ft. cord, 1/₄" plug, 1/₈" mini-plug adapter, clip and tie-pin. With LR44 battery. 33-1063 21.95

15⁹⁵

Dynamic Mike



- With Neck Cord And Desk Stand
- Omnidirectional

MC-1000. Perfect for lectures, public speaking or tape recording. 150 to 10,000 Hz. 10,000 ohms. 5¹/₈" long. Cable, 1/₄" plug. 33-990 15.95

Replacement Mikes for Portable Recorders

Replace Your Damaged or Lost Recording Mikes at Affordable Prices

Electret Condenser Omnidirectional. Outstanding response at an affordable price. 1/₈" plug for audio, submini for remote on/off. 20-13,000 Hz. 6¹/₂-ft. cord. Stand, windscreen. With "AAA" battery. 33-1060 12.95

Windscreen Dynamic. Mesh screen reduces wind and breath noise. Mini-plug for audio, submini for remote on/off. 100-11,000 Hz. Low impedance. 6¹/₂-ft. cord, stand. 33-2001 9.95

"Pencil" Dynamic. 150-10,000 Hz response. Mini-plug for mike, submini for remote control. Low impedance. Desk stand, 6-ft. cord. 33-1034 6.99

Low-Cost Dynamic. Dynamic quality at a crystal mike price. Mini-plug for mike, submini for remote control. Low impedance. Stand, 3-ft. cord. 33-1054 4.99



12⁹⁵

9⁹⁵

6⁹⁹

4⁹⁹

VALUE-PRICED REALISTIC® PA POWER AMPLIFIERS



100-Watt Amplifier With Anti-Feedback Control

179⁹⁵

Low As \$20
Per Month*

- Aux Input for Adding Mixer/Tape Deck
- Power Meter Constantly Monitors Output Level
- Input/Output Jacks for Equalizer and Effects
- Jack for Monitoring Overall Mix With Headphones
- Mix Bus Jack for Stacking Extra Amplifiers

Realistic MPA-90. Our best amplifier has the power and performance you need in a portable that's ideal for auditoriums and live bands. You'll appreciate the variable feedback filter that cuts any selected frequency from 300 to 3000 Hz by 12 dB to eliminate "howling". Four high and four low-impedance mike inputs, with aux input and Glide-Path level faders for each channel. Master volume control with a handy "memory" ring, lighted power meter, and LED clipping indicator. Fully protected against overload. Sturdy, ventilated metal case. UL listed AC. 32-2024 **179.95**

SPECIFICATIONS. Frequency Response: 30-20,000 Hz ± 2 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals and phono-type jacks for 4 to 16-ohm speakers, 1/4" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4 3/8 x 14 1/2 x 10 1/2".



Features 1/4" Mike Jacks
And XLR-Type Connectors
For Using "Pro" Mikes

Compact 35-Watt PA Power Amplifier With Remote Priority Override



99⁹⁵

Low As \$20
Per Month*

- For Mid-Size Auditoriums, Churches, Paging, Music
- 70V Output for Multiple Speaker Systems

Realistic MPA-35. Superb sound at low cost! Priority terminals permit mike-1 to override all other channels, which is great for paging or emergencies. Three mixable Glide-Path controls for mike-1, mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Master volume control with "memory" ring, tone control and LED power "on" indicator. Metal case. UL listed AC. 32-2027 **99.95**

SPECIFICATIONS. Frequency Response: 70-15,000 Hz +1 - 3 dB. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line; terminals for adding optional SPST switch for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 4 1/2 x 10 1/2 x 7 1/2".

20-Watt PA Amplifier Operates on 120VAC or 12VDC for Mobile Use



79⁹⁵

- Accepts Either Low or Hi-Impedance Mikes
- High-Level Phono/Aux Inputs

Realistic MPA-20. The PA amplifier you can take almost anywhere! Individual controls for two-mike input and a dual-function phono/aux input allow simultaneous mixing. Master volume and tone controls, LED power "on" indicator. 70V line output for multiple-speaker systems. Metal case. Includes mobile mounting bracket with thumbscrews for easy removal, 12V power cord with cigarette lighter plug. UL listed AC. 32-2020 **79.95**

SPECIFICATIONS. Frequency Response: 150-20,000 Hz ± 3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC negative ground. Size: 4 1/2 x 10 1/2 x 7 1/2".

Prices Apply at Participating Radio Shack Stores and Dealers

BUY A COMPLETE PA SYSTEM AND SAVE!

• Revolving Credit Available
See Page 3

"Singer's Choice"



Save **\$85³⁵** Reg. Separate Items 851.35 **766⁰⁰**

- MPA-90 Professional PA Amplifier
- Four Highball Dynamic Microphones
- Four Cast-Base Microphone Stands
- Four PA-95 Portable Column Speakers

100W 2-Mike Club System



Save **\$51⁷⁰**
Reg. Separate Items 517.70
466⁰⁰

- MPA-90 Professional PA Amplifier
- Highball Dynamic Microphone
- 2-Piece FM Wireless Microphone
- Cast-Base Microphone Stand
- Two PA-95 Portable Column Speakers

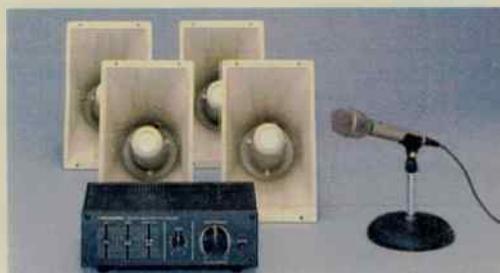
"Toastmaster's" Special



Save **\$44⁷⁵**
Reg. Separate Items 448.75
404⁰⁰

- MPA-90 Professional PA Amplifier
- Highball Dynamic Microphone
- Folding Microphone Stand
- Two PA-95 Portable Column Speakers

Sports Announcer System



Save **\$30¹⁹** Reg. Separate Items 304.19 **274⁰⁰**

- MPA-35 PA Amplifier With Remote Override
- Dynamic Cardioid-Pattern Microphone
- Cast-Base Desktop Microphone Stand
- Four Super Powerhorn® Speakers

Meeting Hall System



Save **\$29³⁹** Reg. Separate Items 299.39 **270⁰⁰**

- MPA-35 PA Amplifier With Remote Override
- Two Tight Cardioid-Pattern Dynamic Mikes
- Two Cast-Base Microphone Stands
- Six 10-Watt, 70-Volt Line Transformers
- Six 8" Wall-Baffle Speakers

Office Paging System



Save **\$20⁹⁷** Reg. Separate Items 220.97 **200⁰⁰**

- MPA-35 PA Amplifier
- Desk Mike Stand
- Six 10-Watt, 70-Volt Line Transformers
- Tight Cardioid-Pattern Microphone
- Six 8" Full-Range Speakers
- Six Steel 8" Ceiling Speaker Grilles

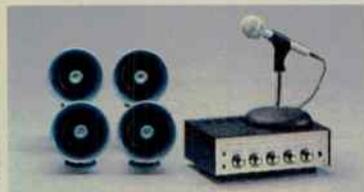
"Anywhere" PA System



Save **\$21⁸⁰**
Reg. Separate Items 213.80
192⁰⁰

- MPA-20 PA Amplifier
- Highball-7 Microphone
- Folding Microphone Stand
- PA-95 Column Speaker

Low-Cost Paging



Save **\$17¹⁹** Reg. Separate Items 178.19 **161⁰⁰**

- MPA-20 PA Amplifier
- Highball-2 Dynamic Mike
- Cast-Base Desk Mike Stand
- Four 5" Powerhorn Speakers

"On-the-Go" PA System



Save **\$19⁸⁰** Reg. Separate Items 199.80 **180⁰⁰**

- MPA-20 PA Amplifier
- Highball-2 Dynamic Mike
- Two PA-25 Speakers

Compact Portable PA



Save **\$10⁸⁹**
Reg. Separate Items 99.89
89⁰⁰

- MPS-20 PA Speaker/Amplifier
- Highball-7 Microphone
- Heavy-Duty 12VDC Power Cord

Apply for Revolving Credit and Get a Complete PA System for As Low As \$20 Per Month—See Page 3

BIG SELECTION OF PA SPEAKERS & ACCESSORIES

Lightweight Portable PA Speaker System



49⁹⁵

- Two Wide-Range 4" Speakers
- Bass Reflex Enclosure

Realistic PA-25. You'll get outstanding performance from these compact and easy to carry little speakers that deliver full-size sound. Frequency response is 100-18,000 Hz. Handles 50 watts. 8 ohms. System sensitivity: 91 dB(SPL at 1W/1M). 1/4" jack, two spring terminals. Vinyl leatherette finish. Carry handle. 8 3/4" x 13 x 6 3/4". 40-1420 49.95

High-Power Public Address Sound Reinforcement Speaker



For Voice or Music in Clubs, Schools or Stage Shows

99⁹⁵

Low As \$20 Per Month *

Two Heavy-Duty 10" Woofers And Piezo Horn Tweeter

Realistic PA-95. This high-efficiency system features controlled sound coverage and a smooth, extended response from 100-20,000 Hz. 100-watt power handling capacity. 8 ohms. System sensitivity: 95 dB (SPL at 1W/1M). Rugged vinyl enclosure with carry handle and protective metal corners. Has 1/4" jack and two spring terminals for easy hookup to any amplifier. 30 x 13 x 8 1/2". 40-1411 99.95

40-Watt Super Powerhorn®



41⁹⁵

- Extra-Wide Frequency Response
- Weatherized Housing

High-efficiency design for maximum sound fidelity for speech and music. Engineered for years of reliability. Metal swivel base. Power capacity, 40 watts. 8 ohms. SPL: 110 dB (1W/1M). 11 x 6 1/2 x 8 1/2". 40-1251 41.95

Multi-Purpose Powerhorns



29⁹⁵

17⁹⁵

12⁹⁵

These PA, music and paging speakers are waterproof, dustproof, shockproof and resist rust for years of quality performance. All 8 ohms. Include mounting bracket.

8" Horn. 15 watts. 40-1239 29.95

5" Horn. 8 watts. 40-1236 17.95

4" Horn. 5 watts. 40-1244 12.95

8" Wall Speaker/Baffle



14⁹⁵

For voice or music. Mounts easily on wall. Handy built-in volume control. 8 ohms. Walnut vinyl finish. 10 3/4 x 10 3/4 x 4 3/4". 40-219 14.95

In/Outdoor Speakers



7⁹⁹

Big value on these versatile speakers. Slots and hardware for mounting. 8 ohms.

4". 4 3/4 x 5 1/2 x 3".

40-1227 7.99

6 1/2". 4 1/4 x 8 1/4 x 3 7/8".

40-1248 19.95

19⁹⁵

Cast-Iron Base Mike Stand



17⁹⁵

Easy-to-Adjust Sure-Grip Clutch

Heavy-duty chromed tube adjusts quickly from 34" to 64". Low-profile base, protective rubber feet. Standard 5/8"-27 threading. 33-320 17.95

Portable Folding Mike Stand



18⁹⁵

Adjusts From 32-57"

Ideal for portable PA or recording mikes. Standard 5/8"-27 thread Positive-action clutch. Folding legs, rubber feet. 33-325 18.95

31" Boom Adapter



13⁹⁵

Built-In Counterweight

Great for recording applications. Chromed tube, length/angle adjustments. 5/8"-27 threading. 33-344 13.95

70-Volt Line Transformer



Taps at 10, 5, 2.5, 1.25 and 0.62 watts. For 4, 8 or 16 ohms. 32-1031 .. 3.99

3⁹⁹

100-Watt, 70-Volt Line Transformer



24⁹⁵

Adapts our MPA-90 and other amps to 70V line. 4-ohm primary. 32-1032, 24.95

Adapters



(1) A3F. Connect "pro" line to hi-Z. 274-016 10.49

(2) A3M. Use hi-Z mike with "pro" system. 274-017 9.95

(3) 1/4". Lo to hi-Z. 274-023 8.95

Desk Mike Stand

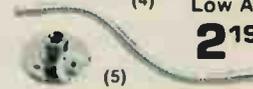


6⁴⁹

Padded Feet

Heavy-duty cast-base with 4" chromed tube. Standard 5/8"-27 thread. #33-370 6.49

Mike Accessories



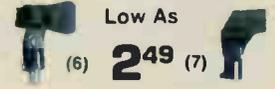
(4) Low As

2¹⁹

(4) 13" gooseneck extension. 33-330 4.29

(5) 5/8" screw flange. Attach stand to desk or lectern. 33-332 2.19

Mike Stand Adapters



Low As

2⁴⁹

(6) Clamp-on to stand for side mount. Holds most mikes. 33-372 3.99

(7) Slip-in standard mike holder. 33-371 2.49

AUDIO EQUIPMENT FOR "STUDIO" SOUND

• Revolving Credit Available
See Page 3

5-Channel Stereo Mixing Console



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

119⁹⁵

Low As \$20 Per Month •

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

4-Channel Stereo Mixer



- Mix a Tape Deck, Mike and Two Turntables
- AC or Battery Operation ■ Battery Test Button

69⁹⁵

Make recordings or mix "live" sound like the professionals with this value-priced mixer. Features Glide-Path channel faders, dual lighted VU meters, two magnetic/ceramic phono inputs, stereo microphone input, tape and line outputs, cue/monitor, 1/4" mike jacks. Mono/stereo mode switch permits mono signal on both output channels. Headphone monitoring jack. Built-in battery tester. 20-20,000 Hz. 2³/₄ x 10¹/₂ x 7¹/₂". Requires 4 "AA" batteries or AC adapter. 32-1100 69.95
AC Adapter. UL listed. 273-1454 5.95

Budget-Priced Audio System Mixer and Effects Preamps

Stereo Mike/Line Mixer



24⁹⁵

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

Our most affordable mixer is ideal for recording like a professional from multiple sources or adding extra inputs to a PA system. Features Glide-Path faders on all four channels for smooth volume changes, battery-test pushbutton with LED indicator. Mike level output. 2³/₄ x 8³/₄ x 5". Requires 9V battery. 32-1105 24.95

Parametric Stereo Equalizer



NEW FOR 87

39⁹⁵

"Fine-Tunes" Equalization for Best Possible Sound in a Specific Room

Lets you boost or cut response ± 12 dB in 3 bands, and adjust control range of each to overcome "hollow" sound, boominess, other problems. Control Ranges: 32-160/320-1600/3200-16,000 Hz. Line-in/out jacks, gain and EQ-in/out controls. 2¹/₈ x 7 x 4⁷/₈". Requires 6 "AA" batteries or AC adapter. 32-1106 39.95
AC Adapter. UL listed. 273-1651 8.95

Electronic Reverb



39⁹⁵

- Adjustable 5-95mS Delay
- Depth, Mike Level and Repeat Controls

Adds echo and reverberation effects to "live" vocals, recordings, or amplified musical instruments. Works with tape decks, PA or guitar amps. Glide-Path controls for smooth operation. Jacks for line-in, line-out, and 1/4" mike in/out. Mono circuit. 2¹/₂ x 6⁵/₈ x 4³/₄". Requires 6 "AA" batteries. 32-1110 39.95
AC Adapter. UL listed. 273-1455 6.95

REALISTIC PAGING & PORTABLE PA SYSTEMS

8-Channel One-Way Personal Paging System Keeps You In Constant Contact With Your Office or Home



Available Sept. 30, 1986



NEW FOR 87

99⁹⁵

Low As \$20 Per Month*

- Pages Up to Eight Individual Receivers Or Contacts All Eight Simultaneously
- Includes Antenna for Up to 2-Mile Range

Realistic® PG-80. Powerful 7-watt transmitter allows instant communication with the key personnel of any small business, factory, clinic or school. Parents can call kids home from anywhere in the neighborhood. Invalids can summon help at the touch of a button. Digital encoding with memory backup system assures reliable, interference-free paging. Receiver warns you with an audible signal when it's time to replace batteries. Extra range is possible by adding an outdoor CB base station antenna (see page 71 for selection). Memory is protected for up to three hours if AC fails. Includes transmitter and one receiver. Transmitter is UL listed for safe AC operation. Receiver requires 3 "AAA" batteries. 49-710 . . . 99.95
Extra Receiver. 49-711 . . . 29.95

Portable 12-Watt Speaker/Amp



79⁹⁵ Was 99.95 in 1986 Catalog **NEW LOW PRICE!**

Realistic MPS-20. Amplifies musical instruments with virtually no distortion. Big 6 1/2" woofer, 1 1/4" tweeter. Aux jack accepts high-level source or tape deck, will mix with mike input. Volume and tone controls. 11 1/2 x 9 x 6 5/8". UL listed AC (or DC adapter, extra).
32-2028 . . . 79.95
12VDC Cord. 270-1534 . . . 4.99

Handy Sound Level Meter With Seven Ranges



29⁹⁵ ■ Check Music or Noise Levels in Home/Industry
■ Tripod Mounting Socket

Use with frequency equalizer to customize audio response of stereo or PA systems for optimum sound in any listening room. Also for checking noise levels. Reads to 126 dB SPL with slow and fast response settings. "A" or "C" weighting. Electret mike, tape recording output. 6 1/4 x 2 7/16 x 1 3/4". Requires 9V battery. 33-2050 . . . 29.95

1-Watt Speaker/Amplifier



17⁹⁵
Sets Up Anywhere

Amplified sound whenever you need it. Tone, volume controls. 1/8" mike, aux jacks. 2 1/16 x 5 x 3 15/16". Requires 4 "C" batteries or AC adapter.
32-2031 . . . 17.95
AC Adapter. UL Listed.
273-1454 . . . 5.95

PA Musical Powerhorn®



Really Gets Attention! Take it to The Game

With Song List

39⁹⁵

Plays 94 preprogrammed tunes, from college fight songs to pop tunes, plus up to 5 more you can program yourself. 300-foot range. Shoulder strap, power-on indicator. Requires 8 "AA" batteries. 32-2030 . . . 39.95

Hand-Held Megaphone

Thumbwheel Volume Control



39⁹⁵

Powerhorn. A "one-hand" portable PA system that's ideal for sporting events, picnics and pep rallies. Makes your voice intelligible up to 300 feet away. Requires 8 "AA" batteries. 32-2029 . . . 39.95

Shop Radio Shack for All Your PA Equipment and Accessories

World Radio History

ELECTRONICS FOR HEALTH, LEISURE & FUN

• Revolving Credit Available
See Page 3

Indoor/Outdoor LCD Thermometer



NEW FOR 87

14⁹⁵

Available Oct. 30, 1986

Selectable Fahrenheit or Celsius display. Backlight for viewing in dim light. Adhesive backing for mounting anywhere. With RS-357A battery. 63-842 14.95

Digital Blood Pressure/Pulse Tester

49⁹⁵



Easy to Use

- Accurate and Reliable
- One-Hand Operation
- Big LCD Readout
- Automatic Power-Off

Wrap cuff around arm, inflate, and both systolic and diastolic pressure readings are displayed. Pressure and pulse rates are alternately displayed. Built-in mike, automatic deflation, low-battery indicator. With soft carry case. 4 1/4 x 4 5/8 x 1 5/8". Requires 9V battery. 63-661 49.95

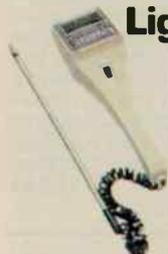


A Must for Health Care

Light Meter/Moisture Meter for Your Plants

7⁹⁵

Grow Healthier Plants



Instantly switches from light meter to moisture meter. Just insert probe into soil for accurate readings. Includes 28-page manual with readings for hundreds of plants. Self-powered operation. 63-685 7.95

Microwave Leakage Detector

14⁹⁵

Checks Oven Door Seals



Not a certification instrument

Why take chances? Move along microwave oven door seals to check for leaks which can cause serious health problems. Meter indicates relative microwave energy. 22-2001 14.95

Digital LCD Fever Thermometer



Available Sept. 30, 1986

NEW FOR 87

9⁹⁵

Beeps When Temperature Registers

Displays accurate temperature readings ($\pm 0.2^\circ\text{F}$) in one minute! Auto-shutoff, high-temp warning. 5 1/2" long. With RS-392 battery. 63-654 9.95

Biofeedback Monitor

12⁹⁵



Learn to Control Stress

Attach sensors to fingertips and listen. Tone rises when you're under stress, drops as you relax. Speaker, earphone jack, manual. Requires 9V battery. 63-675 12.95

You Can Strike It Rich for Fun or Profit With Our Metal Detectors

Very Low Frequency Metal Detector

Very Low Frequency circuitry identifies buried, valuable metals even in highly mineralized ground. Waterproof 8" search coil even detects objects in shallow water. Auto-tune for optimum sensitivity. Built-in meter and speaker for visual and audible indication. Volume, sensitivity, tuning and discriminator controls. 1/4" headphone jack. Shaft extends to 26 1/2". Requires 3 9V batteries. 63-3003 89.95



Find Lost Valuables!

Discriminator Detector

Discriminator-type circuit identifies "junk" like bottle caps and pull tabs to avoid needless digging. Built-in speaker and meter for visible and audible indication. Auto-tuning. Volume and discriminator controls. Battery test switch. Sensitive 6" search coil. 1/4" headphone jack. Shaft extends to 24". Requires 6 "AA" batteries. 63-3002 59.95

"Standard" Detector

Spots metal under soil, wood and dry sand. Water-resistant coil has a Faraday Shield to cut false readings. Large meter, peaking and volume controls. Ferrous/non-ferrous control helps identify valuable objects. Lightweight design. With 1/8" jack for lightweight-type headphones. Shaft extends to 24". Requires 6 "AA" batteries. 63-3001 39.95

Treasure Finder

Spots anything metallic up to one-half foot underground! Easy-to-use tuning and fine-tuning controls. Speaker tone changes when search coil detects metal. Lightweight. Shaft extends to 27". Requires 9V battery. 60-3003 19.95



89⁹⁵

59⁹⁵

39⁹⁵

19⁹⁵

Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3

World Radio History

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

**Our Best! Logic-Controlled
Cassette and Dolby[®] B-C NR**

299⁹⁵ Low As \$20
Per Month*

Our top-of-the-line autosound has a precise, electronically controlled cassette mechanism. The 15-watt per channel amplifier with separate bass, treble and loudness controls delivers spectacular sound. Tuner has soft-touch memory presets (6 AM and 6 FM), plus manual and automatic seek modes. Station frequency, accurate time and operating modes are shown on the liquid-crystal display. Standby control lets you play the radio when you rewind or fast-forward a tape. Also has frequency recall control, metal-CrO₂/standard tape selector, tape auto-search system, line in/out jacks for adding our equalizer #12-1867, reversible black/woodgrain trimplate. 12-1920 299.95

*TM Dolby Laboratories Licensing Corp.



- 30 Watts ■ Auto-Reverse ■ LCD Display
- 12-Station Memory ■ Front/Rear Fader
- Line In/Out Jacks ■ Night Illumination
- Dolby B and High-Performance Dolby C
- Motorized Tape Load ■ Key-Off Eject
- FM Local/DX and Mono/Stereo Controls

**Auto-Reverse, Dolby B NR,
Night Illumination**

NEW FOR 87 **249⁹⁵** Low As \$20
Per Month*

Separate bass, treble and loudness controls plus 12 watts per channel really bring your music to life. The drift-free tuner has memory, manual and automatic seek modes. After a station is tuned, the liquid-crystal display shifts to accurate quartz time. A recall control lets you redisplay the station frequency. Auto-search music system, locking fast-forward and rewind, and LED direction indicators make it easy to find tape selections. Also has metal-CrO₂/standard tape selector, automatic key-off release to protect your tapes, line in/out jacks for adding our optional #12-1867 equalizer, reversible black/woodgrain trimplate. 12-1925 249.95



- 24 Watts ■ Front/Rear Speaker Fader
- Presets for 6 AM and 6 FM Stations
- LCD Station-Frequency/Time Display
- Dolby B NR System Reduces Tape Hiss
- FM Local/DX and Mono/Stereo Controls
- Line In/Out Jacks ■ Tape Auto-Search



179⁹⁵

Low As \$20
Per Month*

Auto-Reverse, "Flat-Face" for Imports

- 30 Watts ■ 5 AM and 5 FM Presets ■ Front/Rear Fader

Combines a powerful 15-watt per channel amplifier and digital-electronic tuner in a design that's ideal for many late-model imported cars. Has memory, pushbutton up/down and seek tuning modes, LCD frequency/time display and frequency recall key, FM signal-enhancer IC and FM mono/stereo control. Separate bass and treble controls, tape selector, locking fast-forward and tape direction controls with LED indicators, line in/out jacks, key-off tape release. 12-1918 179.95



169⁹⁵

Low As \$20
Per Month*

"Mini" Size With Auto-Reverse, 10 Presets

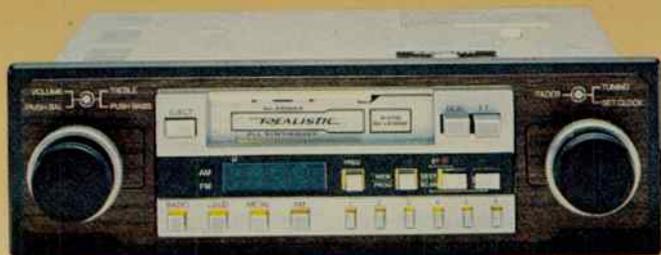
- 30 Watts ■ Fits Most Imported Cars ■ Front/Rear Fader

Full-size sound and extra features in a compact chassis! 15-watt per channel amplifier with separate bass and treble controls gives you excellent sound. Has programmable presets for 5 AM and 5 FM stations, LCD frequency/time display with frequency recall control, manual and automatic seek tuning modes, signal-enhancer IC and local/DX control for great FM reception. Cassette has locking fast-forward and rewind, LED direction indicators and key-off tape release. 12-1919 169.95

See Important In-Dash Installation Information on Page 63

ALL FEATURE DIGITAL-ELECTRONIC TUNING

• Revolving Credit Available
See Page 3



Auto-Reverse and 12-Station Memory

NEW LOW PRICE!

Was \$179.95 in 1986 catalog

159⁹⁵

Low As \$20 Per Month •

- 24 Watts ■ Front/Rear Fader
- LED Radio Frequency/Time Display
- Presets for 6 AM and 6 FM Stations
- Bass, Treble and Loudness Controls

Now even a better value! The 12-watt per channel amplifier delivers robust bass and sparkling treble. The digital-electronic tuner gives you convenient scan and automatic seek modes as well as instant memory tuning. Signal enhancer IC really improves FM by automatically adjusting signal and reducing noise on weak stations. Also has FM stereo/mono control, auto-reverse to play both sides of tapes automatically, locking fast-forward and rewind for easy tape handling, metal-CrO₂/standard tape selector, key-off tape release, manual eject control, night illumination. 12-1912 159.95



Auto-Reverse, Built-In 5-Band Equalizer

NEW FOR 87

149⁹⁵

Low As \$20 Per Month •

- 24 Watts ■ 6 AM and 6 FM Presets
- LED Radio Frequency/Time Display
- Front/Rear Speaker Fader Control
- Metal-CrO₂/Standard Tape Selector

The powerful 12-watt per channel amplifier gives you "home quality" sound and you can customize its frequency response with the equalizer. "Punch up" the bass, smooth out the midrange, even reduce tape hiss. The frequency display shifts to accurate time after a station is tuned and has a frequency recall control. Seek tuning mode locks in the next available station with one-touch ease. Has a built-in signal-enhancer IC and a manual mono/stereo control to optimize FM reception, auto-reverse to play both sides of the tape automatically, key-off tape release, manual eject control and night illumination. 12-1930 149.95



AM Stereo and FM Stereo With 10 Presets

139⁹⁵

Low As \$20 Per Month •
Not available in all stores.

- 24 Watts ■ 5 AM, 5 FM Presets
- LCD Radio Frequency/Time Display
- Separate Bass and Treble Controls

Only Radio Shack gives you high power, beautiful styling and Motorola C-Quam AM stereo at such a low price! The 12-watt per channel amplifier delivers quality sound at all volume levels. Digital-electronic tuner provides convenient memory, seek and manual tuning modes. Automatic FM signal-enhancer IC and manual AM/FM mono/stereo control assure great reception wherever you drive. The liquid-crystal display shifts to accurate time after a station is tuned and has a frequency recall control. Cassette has a locking fast-forward/manual eject control, auto-stop at end of tape. 12-1923 139.95
C-Quam is a trademark of Motorola, Inc.



Our Lowest Priced High-Power Digital

NEW FOR 87

129⁹⁵

Low As \$20 Per Month •

- 24 Watts ■ LED Frequency/Time Display
- Presets for 6 AM and 6 FM Stations
- Front/Rear Fader ■ Scan Tuning Mode

Big features you wouldn't expect at this affordable price! The amplifier delivers 12 watts per channel and has separate bass and treble controls for great sound. The digital-electronic tuner has a seek mode that locks in the next available station. Convenient automatic scan tuning gives you a brief sample of every available station. The LED display shifts to accurate time after a station is tuned and has a pushbutton frequency recall control. Cassette has a locking fast-forward/manual eject control, metal-CrO₂/standard tape selector, auto-stop at end of tape. Night illumination. 12-1926 129.95

Models on these 2 pages include plug-in wiring harness with clearly labeled leads, fuse, ample speaker cable, mounting hardware, illustrated instructions. All require 4-wire, ungrounded speaker wiring and operate on 12 VDC negative ground only. See page 63 for installation information.

IN-DASH AM/FM STEREO CASSETTE BARGAINS!

Digital-Electronic Tuning With 12 Presets, Seek and Scan Modes



99⁹⁵

Low As \$20
Per Month •

NEW
FOR 87

- Auto-Stop at End of Tape
- LED Frequency/Time Display
- Automatic FM Optimizer

An incredible low price for convenient three-way digital-electronic tuning. One-touch seek mode advances to the next available station automatically. Scan mode gives you a six-second sample of each station. Memory tuning stores 6 AM and 6 FM stations for instant selection. The LED frequency display changes to accurate time after a station is tuned and has a frequency recall control. FM mono/stereo control and automatic signal optimizer circuit deliver great FM reception. Cassette has locking fast-forward and manual eject. 8 watts total output. Night illumination. 12-1924 **99.95**

Quality Sound and Most-Wanted Features at Affordable Prices!

- Auto-Reverse Plays Both Sides of Tapes Automatically
- Stereo/Mono Control for Best FM in Weak-Signal Areas

One of our most popular players—now even a better value! Provides excellent sound and easy operation in a "mini" size that fits in-dash of practically any car. Program control gives you instant access to the other side of the tape without ejecting. Also has LED tape direction indicators, separate locking fast-forward and rewind controls, manual eject. Includes two trim plates, nosepiece adapter. 8 watts total output. 12-1906 **79.95**

- 24-Watt Amplifier ■ Bass, Treble and Loudness Controls
- Dolby B[†] NR ■ Locking Fast-Forward ■ Auto-Stop

High-power 12-watt per channel amplifier gives you rich bass, clean treble and plenty of dynamic range. Metal-CrO₂/standard tape selector provides correct equalization for all types of cassettes. Locking fast-forward makes it easier and safer to find cassette selections while you drive. Auto-stop at end of tape in the play mode helps prevent damage to tapes. Also has FM stereo/mono control for better reception in weak-signal areas, LED indicators for tape mode and FM stereo. 12-1911 **99.95**

†TM. Dolby Laboratories Licensing Corp

NEW LOW
PRICE!

79⁹⁵

Was \$99.95 in
1986 Catalog

99⁹⁵

Low As \$20
Per Month •



Our Lowest Prices Ever for In-Dash AM/FM Stereo Cassettes



69⁹⁵

NEW
FOR 87

49⁹⁵

Both Have Auto-Stop at End of Tape to Protect Your Cassettes and the Player's Mechanism

High power and the new "flat-face" design that fits the dash of many late-model European and Honda cars without modification. Features 12-watt per channel amplifier, separate slide-action bass and treble controls, loudness pushbutton and front-rear fader for four-speaker systems. FM mono/stereo control, locking fast-forward/manual eject control. 12-1922 **69.95**

Compact "mini/universal" chassis easily fits the dash of even the smallest cars and gives you surprisingly good sound at minimum cost. We include a DIN nose adapter and trimplate for larger cars, too. AM/FM bandswitch has FM-mono position for best fringe-area FM. Locking fast-forward/manual eject control, LED FM stereo and tape mode indicators, lighted dial. 8 watts total output. 12-1927 **49.95**

Prices Apply at Participating Radio Shack Stores and Dealers

UNDERDASH TAPE PLAYERS & ACCESSORIES Revolving Credit Available See Page 3

High Power, Auto-Reverse, Dolby†



NEW FOR 87

99⁹⁵

Low As \$20 Per Month*

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

Our best underdash stereo cassette! 12 watts per channel, separate bass, treble and loudness controls, Dolby B noise reduction system. Auto-reverse, locking fast-forward and rewind for easy operation. 1¹⁵/₁₆ x 5⁷/₈ x 6³/₄". 12-1983 . . . 99.95

*TM, Dolby Laboratories Licensing Corp.

With Auto-Reverse and Auto-Search



69⁹⁵

Auto-Search System Advances Tape to the Next Selection or Replays a Selection

Stereo player with auto-reverse plays both sides of tapes automatically. Locking fast-forward and rewind. 1³/₄ x 5⁵/₈ x 5⁷/₈". 8 watts total output. 12-1979 69.95

Our Smallest and Lowest Priced Stereo



NEW FOR 87

29⁹⁵

Available Oct. 30, 1986

Fits Under Any Dash

Good sound, all the basic features. Auto-stop, locking fast-forward/eject control. 1¹¹/₁₆ x 5¹/₂ x 5¹/₂". 8 watts total output. 12-1984 29.95

Converter Adds FM to AM Radios



19⁹⁵ Lighted Dial

Adds FM to your present AM car radio. Uses existing antenna and is very easy to install. Compact size fits under almost any dash. 1³/₁₆ x 4 x 5¹/₄". With instructions, hardware. 12-1350 19.95

Cassette Adapter for 8-Track Decks

■ No Rewiring **34⁹⁵**
■ Auto-Stop



Lets you play stereo cassettes on most car or home 8-track decks. Has locking fast-forward and manual eject controls. 1³/₄ x 4³/₄ x 9⁷/₈". 12-1875 34.95

Dual-Polarity AM/FM Radio

NEW FOR 87

47⁹⁵ Ideal for Truckers



For 12 VDC negative or positive ground vehicles. Has built-in speaker, 1/8" jack for an external speaker, FM local/DX control, lighted dial. 1⁷/₈ x 6⁵/₈ x 4⁷/₈". 12-1355 47.95

Easy-to-Install FM Signal Booster

For Truckers, Travelers **19⁹⁵**



Boosts FM signals by 6 dB so you can enjoy more stations and cleaner sound. Only 1 x 3 x 2³/₈". Easy plug-in hookup. 12 VDC neg. or pos. ground. 12-1873 . . . 19.95

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nosepiece Size (H x W x D)		Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1906 ✓	Mini/Univ.*	1 ³ / ₄ x 6 ¹ / ₄ x 4 ⁵ / ₈	44 x 160 x 120	1 ² / ₃ x 3 ³ / ₄ x 1 ³ / ₈	41.5 x 93 x 35	5 to 5 ¹³ / ₁₆	125 to 148
12-1911 ✓	DIN-C	1 ³ / ₄ x 7 ³ / ₃₂ x 5 ⁵ / ₁₆	44 x 180 x 135	1 ² / ₃₂ x 4 ¹ / ₈ x 1 ³ / ₈	42 x 105 x 35	5 ¹ / ₈ to 6 ⁵ / ₁₆	130 to 160
12-1912 ✓	DIN-C	1 ³ / ₄ x 7 ¹ / ₁₆ x 5 ⁵ / ₁₆	44 x 178 x 135	1 ² / ₃₂ x 4 ¹ / ₈ x 2 ⁷ / ₃₂	42 x 105 x 21	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148
12-1918	DIN-E (FF)	1 ³ / ₃₂ x 7 ¹ / ₁₆ x 5 ⁵ / ₁₆	50 x 178 x 135	(no nose piece)	—	(no shafts)	—
12-1919 ✓	Mini/Univ.*	1 ³ / ₃₂ x 6 ¹ / ₄ x 4 ⁵ / ₈	50 x 160 x 120	1 ² / ₃₂ x 4 ¹ / ₈ x 1 ³ / ₈	42 x 105 x 35	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148
12-1920 ✓	DIN-C	1 ³ / ₃₂ x 7 ³ / ₃₂ x 5 ²³ / ₃₂	50 x 180 x 145	1 ¹ / ₁₆ x 4 ³ / ₁₆ x 1 ¹⁵ / ₃₂	42.5 x 106 x 37	5 ¹ / ₈ to 6 ¹ / ₄	130 to 158
12-1922	DIN-E (FF)	1 ¹ / ₁₆ x 7 ³ / ₃₂ x 4 ¹⁵ / ₁₆	52 x 180 x 125	(no nose piece)	—	(no shafts)	—
12-1923 ✓	DIN-C	1 ³ / ₃₂ x 7 ¹ / ₁₆ x 5 ¹ / ₈	50 x 178 x 130	1 ² / ₃₂ x 7 ¹ / ₁₆ x 1 ⁵ / ₁₆	42 x 178 x 23.5	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148
12-1924 ✓	DIN-C	1 ³ / ₃₂ x 7 ¹ / ₁₆ x 4 ¹⁵ / ₁₆	50 x 178 x 125	1 ² / ₃₂ x 4 ¹ / ₈ x 1 ³ / ₈	42 x 105 x 35	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148
12-1925 ✓	DIN-C	1 ³ / ₄ x 7 ³ / ₃₂ x 5 ¹ / ₈	44 x 180 x 130	1 ¹ / ₁₆ x 4 ³ / ₁₆ x 1 ¹⁵ / ₃₂	42.5 x 106 x 37	5 ¹ / ₈ to 6 ¹ / ₄	130 to 158
12-1926 ✓	DIN-C	1 ³ / ₃₂ x 7 x 1 ¹ / ₁₆ x 4 ¹⁵ / ₁₆	52 x 178 x 125	1 ³ / ₄ x 4 ¹ / ₈ x 1 ¹⁵ / ₃₂	44 x 105 x 37	5 ¹ / ₈ to 6 ⁵ / ₁₆	130 to 160
12-1927 ✓	Mini/Univ.*	1 ³ / ₃₂ x 6 ⁷ / ₁₆ x 4 ⁵ / ₈	50 x 164 x 120	1 ² / ₃₂ x 3 ¹ / ₁₆ x 1 ³ / ₈	42 x 92 x 35	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148
12-1930 ✓	DIN-C	1 ³ / ₃₂ x 7 ¹ / ₁₆ x 5 ⁵ / ₁₆	50 x 178 x 135	1 ³ / ₄ x 4 ¹ / ₈ x 1 ³ / ₈	44 x 105 x 31	5 ¹ / ₈ to 5 ¹³ / ₁₆	130 to 148

MINI size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. (DIN-C) is "flat-face" design for many late-model European and Honda cars. (MINI) fits smallest Japanese cars, most domestic compacts and subcompacts. (✓) Includes Ford/GM rubber gasket for nosepiece. (□) Fits standard and import-size cars. GENERAL INFORMATION: All players include ample speaker cable, plug-in wiring harness with clearly labeled leads, fuse, switched power lead for accessories (except 12-1927), mounting hardware, illustrated instructions, trim plates and nosepieces. For 12 VDC negative ground only. CAUTION: High-power players require 4-wire ungrounded speaker wiring. NOTE: 6⁵/₁₆" (160 mm) shaft spacing is standard for most domestic trucks.

See Our Complete Line of Autosound Speakers and Speaker Systems on Pages 66 and 67

CAR STEREO PERFORMANCE BOOSTERS

•Revolving Credit Available
See Page 3

Our Best! 80-Watt EQ/Booster With 7 Bands and 84-LED Display



99⁹⁵

Low As \$20
Per Month*

Separate Up and Down Buttons For Each Band Let You Boost/Cut Response in Precise 2 dB Steps

You can "tap up" and "tap down" the response in each band and actually see the curve change on the 84-LED display! 40 watts per channel really improves your existing system. LED power output meter, fader for four-speaker systems. Boost/cut range: 12 dB. Band centers: 60, 150, 400, 1000, 2400, 6000, 12,000 Hz. Speaker-level and line-level inputs—works with virtually all autosound. Only 1% THD at 65 watts. 1⁹/₁₀ x 6³/₈ x 6¹/₂" 12-1870 99.95

60-Watt, 7-Band Stereo Equalizer/Booster

NEW FOR 87

79⁹⁵

Backlighted slide-action controls let you increase or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level inputs—works with virtually all autosound. 1⁷/₈ x 7¹/₈ x 6¹/₄" 12-1953 79.95



- 30-Watts Per Channel ■ Front/Rear Fader
- 10-LED Power Meters With Range Switch

Line-Level Equalizer for High-Power Equipment

Ideal for #12-1925, #12-1920, #12-1918

39⁹⁵

(See page 60)

Adds precise tone control to amplifiers and equipment having line-level in/out. Slide-action controls with 12 dB range, bypass button, RCA-type connectors. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. 1⁹/₁₀ x 5⁷/₈ x 4" 12-1867 39.95



40-Watt Stereo Boosters and EQ/Boosters—More Power to You!



Improve your present car stereo system! All models below give you plenty of clean audio power—they're rated at only 1% total harmonic distortion at 30 watts output. The models with built-in equalizer let you increase or cut frequency response up to 12 dB in separate bands. You can "punch up" the bass, smooth out the midrange, and shape the sound to fit your car and personal tastes!

40-Watt Stereo Power Booster

19⁹⁵

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

Five-Band Equalizer/Booster

NEW FOR 87

34⁹⁵

(2) Our lowest priced equalizer/booster combo is perfect for two-speaker systems. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. LED "on" indicator. 1¹/₁₆ x 5 x 6" 12-1952 34.95

Seven Bands, Fader, Slim Design

NEW FOR 87

54⁹⁵

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

Seven Bands, Fader, 20-LED Meter

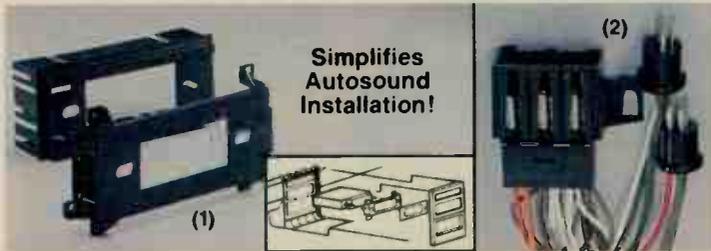
59⁹⁵

(4) Equalizer/booster with backlighted controls and fader for four-speaker systems. Has speaker-level inputs plus line-level inputs for use with separate autosound components—works with virtually all autosound equipment. Dual 10-segment LED audio power meter, LED "on" indicator. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. 1¹/₁₆ x 6³/₈ x 5¹/₁₆" 12-1871 59.95

NOTE: Boosters rated total watts rms output, both channels. They require 4-wire ungrounded speaker wiring. For 12 VDC negative ground vehicles only. Include illustrated instructions and under-dash mounting hardware.

OUR ACCESSORIES MAKE INSTALLATION EASY

In-Dash Kit and Wiring Adapters

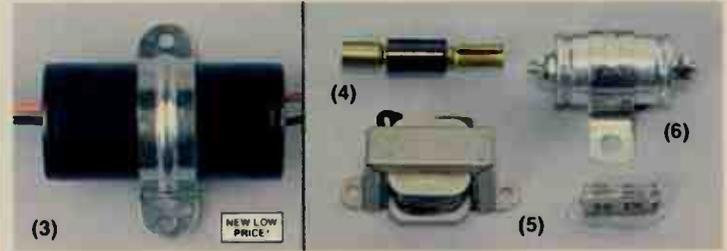


(1) Universal In-Dash Installation Kit. Makes it easy to install autoseed in over 100 different vehicles: 29 different 1982-85 GM models, 47 different 1974-85 Ford and Chrysler products, plus installation of any "DIN-E"-size chassis in dash of most GM, Ford or Chrysler products. Includes mounting panels, brackets, screws and complete illustrated instructions. 12-1360, 9.95

(2) NEW! Wiring Harness Adapters. Match Radio Shack Realistic® autoseed equipment to car maker's original wiring harness. Prewired five-pin plug to quick-disconnect cable. Gives you the correct connections for power and two or four speakers. With instructions.

For Models	Cat. No.	Price	For Models	Cat. No.	Price
1978-86 GM	270-755	7.99	1983-85 Ford	270-757	5.99
1984-86 Chrysler	270-756	5.99	1986 Ford	270-758	7.99

Radio Noise Suppressors and Filters



(3) Deluxe 10-Amp Filter. NEW LOW PRICE! Two L-C sections reduce ignition/alternator noise in car stereos, high-power EQ/boosters, CB and Ham radios. Was \$18.95 in 1986 Catalog. 270-051 12.95

(4) Resistive Filter. Cuts spark plug noise that interferes with radio reception. Installs in distributor. 270-012 1.19

(5) Heavy-Duty Noise Eliminator Kit. Everything you need to reduce radio interference. Includes choke, capacitor, instructions. 270-030 3.99

(6) Feedthrough Filter Capacitor. Installs inline. Especially useful against stubborn noise problems caused by wipers, fan motors and DC generators. Rated 0.5 µF, 40 amps, 60 WVDC. 272-1085 4.29

Floating Ground Adapter



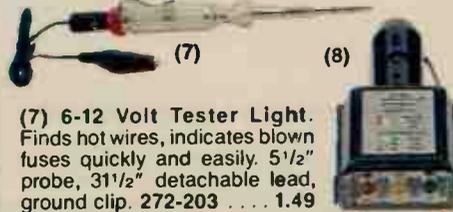
NEW FOR 87

4⁹⁵

Use Radio Shack Boosters With "Factory" Autoseed

Upgrade your low-power "factory" stereo with a booster or EQ/booster! Adapts transformerless-output and floating-ground car stereos for use with common-ground input electronics or speaker systems. With instructions. 270-053 4.95

Electrical Testers



(7) 6-12 Volt Tester Light. Finds hot wires, indicates blown fuses quickly and easily. 5 1/2" probe, 31 1/2" detachable lead, ground clip. 272-203 1.49

(8) Electrical System Analyzer. Spot problems before you're stranded! LEDs show condition of battery, alternator, regulator. Plugs into lighter socket. 22-1635 5.95

Car Stereo Cable Sets



Include Fuse and Inline Holder

(9) Cable Assembly. Five-pin Radio Shack standard plug with power and four 18-ft. color-coded speaker leads. 270-014 4.99

(10) Universal. Adjustable to fit 4 or 5-pin sockets. 12" color-coded leads. 270-017 1.99

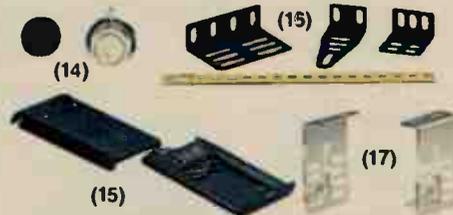
(11) Standard. 5-pin plug fits Radio Shack, other brands. 12" leads. 270-041 1.89

Voltage Inverter

27⁹⁵

Use standard 12 VDC negative ground equipment in vehicles wired for 6-volt neg. ground or 12-volt positive ground systems. Ideal for autoseed, CB and Ham radios. Rated 3 amps, fused. 22-129 .. 27.95

Knobs and Brackets



(14) Autosound Knobs. Include two inner and two outer knobs. Fit "D" and split shafts. Import. Classy European style with black finish. 274-425 Set/1.79

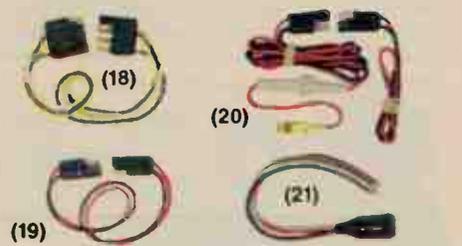
Low-Profile. Chromed finish adds a sporty modern look. 274-427 Set/2.99

(15) Under-Dash Slide-Bracket. Two-piece mount with built-in electrical connections makes it easy to remove autoseed equipment for safe-keeping. 270-016 8.95

(16) Universal Bracket Set. Three different sets to fit most equipment. With back support/ground strap, hardware. 270-023 2.99

(17) Universal L-Brackets. Fit most vehicles and equipment. With hardware. 270-022 Pair/2.49

Automotive Connectors



(18) 4-Conductor 12" Quick-Disconnect Cable. Ideal for connecting trailer lights and accessories. Color coded. 270-027 1.99

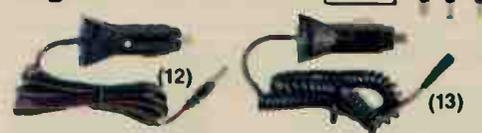
(19) 2-Conductor Quick-Disconnect Cable. Heavy-duty polarized contacts. 12" loop of wire with one male, one female connector. Color coded. 270-026 99¢

(20) 4-Ft. Polarized, Fused DC Power Cable. For autoseed, CB, scanners, radar detectors. 270-025 1.99

(21) 5-Pin Inline Socket With 7" Leads. Mates with standard 5-pin plug and many speaker harnesses. 274-1215 1.59

Lighter Cord Sets

NEW FOR 87



(13) NEW! Universal. Includes lighter plug, 8-ft. coiled cord and three ADAPTAPLUGS for easy connection to most 12 VDC portable TVs, stereos, recorders and radar detectors. Fuse protected. 270-1528 7.99

VALUES IN HARD-TO-FIND AUTO ACCESSORIES

AM/FM/FM Stereo Antenna Values

We Have the Antenna You Need

- (1) Ford Antenna. For 1967-'81 models with 4-screw mounting. One-piece, 31" stainless steel whip, 72" cable. 12-1305 8.99
- (2) Universal "8-Ball". For top cowl or fender mount. Three sections extend 21 $\frac{1}{4}$ " to 55". Adjusts up to 35". Stainless steel. 54" cable. 12-1306 5.39
- (3) Stainless Steel Spring. Swivel ball mount for top cowl or fender. Three-section stainless steel whip extends from 25 $\frac{3}{8}$ " to 55". Adjusts to 90°. 48" cable. 12-1307 7.99
- (4) Heavy-Duty RV/ Van/Pickup Antenna. For fender, roof, side panel. Three-section stainless steel whip extends 25" to 60". Chrome swivel base, 84" cable. 12-1319 14.99
- (5) Universal Pillar Mount. Three-section whip, 19 $\frac{1}{2}$ " to 51". Mounting hole spacing is adjustable from 2 $\frac{1}{2}$ " to 18". Fits most Japanese cars except Honda. 61" cable. 12-1320 6.99
- (6) Replacement Whip. Fits over "stub" of broken antenna. 31" stainless steel. 12-1316 4.99
- (7) One-Piece Mini. For cars with narrow fenders. Requires 1 $\frac{3}{16}$ " mounting hole. 31" stainless steel whip. 54" lead-in cable. 12-1322 6.99



AM/FM Power Antenna

39⁹⁵



- Retracts Under Fender
- Requires Only 11 $\frac{1}{4}$ " Depth in Fender

Completely automatic! Connects to ignition or radio and extends or retracts when either is turned on/off. Fits most cars/trucks. 39 $\frac{3}{8}$ ". Stainless steel. With cable, power lead. Adaptable for semi-auto use. 12VDC neg. gnd. 12-1326 39.95



Gutter-Mount Antenna

6⁹⁹



- Installs Easily on Most Trucks or Vans
- Removes in Seconds

Ideal for truckers and company-car drivers who need a removable AM/FM antenna. Mounts quickly, securely on rain gutter. Wing screw for fast removal. Three-section whip extends to 29 $\frac{1}{2}$ ". Includes 78" cable, plug. 12-1324 ... 6.99



Windshield Antenna

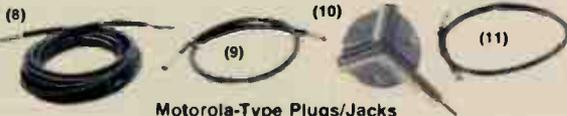
3⁹⁹



No Holes to Drill

Thin, transparent antenna tape attaches to windshield. Saves you money when replacing a windshield with built-in antenna. With cable, fender cap. 12-1325 3.99

Extension Cables and Connectors



Motorola-Type Plugs/Jacks

- (8) 12-Ft. Male to Female Inline Extension. 12-1311 3.99
- (9) 24" Male-to-Female Inline Extension. 12-1312 1.49
- (10) Universal 3-Way Connector. Couples two antennas to one radio or one antenna to two radios. 12-1313 1.99
- (11) 24" Male-to-Male Extension Cable. 12-1314 1.49

Cigarette Lighter Plugs, Cords and 12 VDC Outlets



- (12) 10-Foot Extension Cord. For powering accessories. 8 amps. 270-1536 4.99
- (13) Lighter Plug. Connect accessories easily. Fits standard lighter socket. 274-331 1.19
- (14) Heavy-Duty Fused Lighter Plug. Requires 3AG fuse up to 7 amps. Solder type. 274-335 1.99
- (15) Lighter Plug With Cord. Rated 8 amps. Eight foot cord. 270-021 2.39
- (16) Accessory Outlet. For 12 VDC equipment. Mounts in or under dash. 270-1539 4.99
- (17) 2-Outlet Y-Adapter. Power two 12 VDC accessories from lighter. 8 amps. 270-1535 4.99

Automotive Lighting Relay

NEW FOR 87 **2⁹⁹**



Compact, Easy to Mount

Also switches amateur radio mobile power supplies and other high-current accessories. SPST contacts rated 30 amps at 12 VDC. 12 VDC coil. 275-226 2.99

SPST Panel Switches

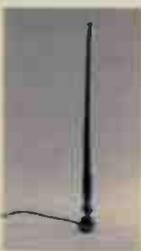


- (18) Dual Flip Switch/Light Panel. Rated 16 amps at 12 VDC. Two 12V long-life lamps. 275-707 4.99
- (19) Lighted Rocker Switch Panel. Rated 20 amps at 12 VDC. Quick-disconnect terminals. 275-704 ... 3.99
- (20) Flip Switch and Red Light Panel. 16-amp switch with 12 VDC long-life lamp. 275-703 2.99
- (21) Dual Switch Panel. Two mounted flip switches rated 16 amps at 12 VDC. 275-702 2.79
- (22) Switch Bracket. Underdash mounting of 2 switches with 7/16" dia. bushings. 275-705 69¢
- (23) On/Off Switch Label Plates. For toggles with 1 $\frac{3}{32}$ " dia. bushings, key slot. 275-320 ... Pkg. 6/69¢

"Rubber Ducky" 16" Antenna

Bends But Doesn't Break **5³⁹**

Vandal proof! Get the signal-pulling power of full-length antennas in a sleek, European design. Mounts on roof, hood or fender. 50" cable. 12-1327 5.39



Plug-In Car Lamps

Only **3⁹⁹** Each



Plug Into Lighter

- (24) Magnet Light. Attaches to hood, trunk or auto body. Plugs into cigarette lighter. 12-ft. retractable cord. 12 VDC. 61-2502 3.99
- (25) Flexible Map Light. Compact—stores in glovebox. Plugs into cigarette lighter. Flexible 5" long neck. On/off switch. 12 VDC. 61-2503 3.99

ROAD PATROL XK® RADAR DETECTORS

• Revolving Credit Available
See Page 3

Mini Dual-Tone, Dual-Conversion



ACTUAL SIZE!

NEW FOR 87 **199⁹⁵**

Low As \$20 Per Month*

- Separate Tones and LEDs For X and K Band Signals
- FAST™ Signal Processor Reduces False Alarms

Small enough to fit in your shirt pocket! Barely visible surface-mounted electronic components are assembled by robotics; yet each detector is critically tuned by hand. GaAs diode front end. Pulse rate of selectable tone and/or warning light increases as you approach speed radar. Panel lights auto-adjust to day or night brightness. Sensitivity and volume controls. Sensitivity: X-band, -112 dBm/cm²; K-band, -104 dBm/cm². 12 VDC neg. gnd. 22-1617 199.95



With carrying case, 2 power cords, visor mount, tie-down clips, mounting hardware.

Dual-Tone, Dual-Conversion Superhet



NEW FOR 87 **169⁹⁵** ■ GaAs Schottky Barrier Diode System
■ LED Bar Graph Signal-Strength Meter

Low As \$20 Per Month*

Separate tones for X and K bands help you evaluate "what's down the road." Exclusive FAST (False Alert Suppression Technology) signal processor reduces false alarms without compromising sensitivity. Selectable tone and/or warning light pulse faster as you approach speed radar. Fully adjustable volume control. Detects moving, stationary, hand-held pulse or CW radar signals. City/highway sensitivity switch. Sensitivity: X-band, -110 dBm/cm²; K-band, -102 dBm/cm². 1 11/32 x 4 7/32 x 4 13/64". Plugs into 12 VDC pos. or neg. gnd. lighter outlet. 22-1615 169.95

Reliable Dual-Conversion Superhets Make Driving More Fun!



NEW FOR 87 **179⁹⁵** Low As \$20 Per Month*

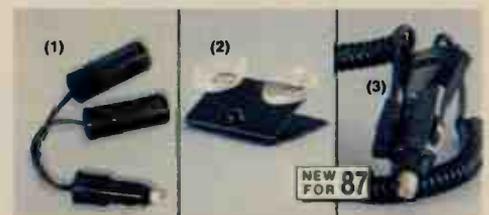
NEW LOW PRICE! **129⁹⁵** Low As \$20 Per Month*

NEW FOR 87 **99⁹⁵** Low As \$20 Per Month*

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

Deuxe. Small but very effective. GaAs diode front end. FAST circuit. Detects all radar systems. Switch selects geiger-type warning light and/or tone. City/highway sensitivity switch. All packed into an incredible 1 9/32 x 1 5/32 x 3 15/16" size. With dash-or-windshield bracket, visor clip. Sensitivity: X-band, -110 dBm/cm²; K-band, -102 dBm/cm². Plugs into 12 VDC pos. or neg. gnd. lighter outlet. Was \$149.95 in 1986 Catalog. 22-1612 129.95

Discriminating. Full-featured performance at a breakthrough low price! Sensitive superhet circuitry and Radio Shack's exclusive FAST signal processor alert you to speed radar up to several miles away. Detects moving, stationary and hand-held radar systems. City/highway sensitivity switch and selectable high/low buzzer volume. Buzzer and warning light pulse faster as radar signal strength increases. Mounts on dash or visor. Sensitivity: X-band, -105 dBm/cm²; K-band, -104 dBm/cm². 1 x 3 1/4 x 4 1/4". Plugs into 12 VDC neg. gnd. lighter outlet. 22-1616 99.95



- (1) Y Adapter. Operate detector and another 12 VDC accessory from one lighter outlet. 270-1535 4.99
(2) NEW! Suction Cup Mount. Temporary, secure windshield mounting for radar detectors. UV protected. 270-034 6.95
(3) NEW! Universal Coiled 12 VDC Power Cord and Plug. With 2-amp fuse, 3 adapters fit most detectors, 12VDC TV sets. 270-1528 7.99

Radar Detectors Not Offered Where Sale Is Prohibited by Law / Use May Be Regulated by State or Local Law



RADIO SHACK SALUTES REACT IN ITS 25th YEAR

Never Drive Alone Again! Get a Realistic[®] CB 2-Way Radio



Budget-Priced Compact With LED Meter

59⁹⁵

Easily Fits Under Most Dashes

Realistic TRC-415. Small size and price, yet has ceramic filters for superior selectivity, an easy-to-read LED channel display, 4-step LED signal/RF power meter, automatic noise limiter, jack on rear panel for optional external speaker. 2 x 4⁹/₁₆ x 6¹/₂". Negative ground only. 21-1509 59.95



Ultra-Compact With Extra Features

99⁹⁵

Low As \$20
Per Month*

Jack for Optional
PA Speaker

Realistic TRC-417. Only 1³/₈ x 5¹/₂ x 7¹/₄", perfect for small vehicles. LED indicators for power "on" and modulation, large LED channel display, switchable automatic noise limiter, 5-step LED signal/RF power meter. Rear-panel has jacks for optional external and PA speakers. 21-1510 . . . 99.95



Instant Selection of Channels 9 and 19

119⁹⁵

Low As \$20
Per Month*

Monitor CB
While Using PA

Realistic TRC-418. You can go to channel 9 or 19 and return to your previous channel with the flip of a switch. Large LED display, 5-step LED signal/RF power meter, LED "on" and modulation indicators. Switchable automatic noise limiter helps reduce ignition "hash". Jacks for optional public address and external speakers. 1³/₄ x 5¹/₂ x 7³/₄". 21-1511 119.95



Channel 9 Priority Switch, Tone Control

NEW
FOR 87

139⁹⁵

Low As \$20
Per Month*

RF Gain
Control

Realistic TRC-474. Features one-button switching to emergency channel 9. Three-way PA/CB/Monitor switch lets you monitor CB calls when using an optional public address speaker. Lighted signal/RF power meter, switchable automatic noise limiter. Rear-panel jacks for optional PA and external speakers. 1⁹/₁₆ x 5¹/₂ x 6¹/₁₆". 21-1539 139.95

Complete "Road Emergency" CB System



Call for Help Without Leaving
The Safety of Your Car

NEW LOW
PRICE!

69⁹⁵

Was \$79.95 in
1986 Catalog

Realistic TRC-412. Incredibly easy to use. Place the magnet-base antenna on roof of car, plug CB into cigarette lighter, select the desired channel and talk. The entire system, including antenna, fits in the included vinyl travel case that will store under seat or in trunk. 3³/₄ x 12³/₄ x 7¹/₁₆". Negative ground only. 21-1506 69.95

AM/SSB CB for More Range and Channels



179⁹⁵

Low As \$20 Per Month*

Provides 40 AM Channels
Plus 80 SSB Channels

Realistic TRC-453. SSB (single sideband) gives you greater range and clarity. Switchable noise blanker dramatically reduces ignition interference. RF gain control prevents strong-signal overload. 5-step LED signal/RF power meter and LED transmit indicator. 1/8" jacks for optional PA and external speakers. 2¹/₄ x 6¹/₈ x 8¹/₈". 21-1566 179.95

TOP-PERFORMANCE MOBILE CB ANTENNAS

• Revolving Credit Available
See Page 3



- (1) **Deluxe Magnet-Mount.** No holes to drill. It mounts on any flat magnet-holding surface and remains in place at highway speeds. Low-loss coil form, 54" whip. Includes 16-foot cable and PL-259 connector. 21-960 37.95
- (2) **Base-Loaded Magnet-Mount.** Mounts instantly on any flat magnet-holding surface. Hardened stainless steel whip, heavy-duty shock spring. With 16-foot cable, connector. 21-940 26.95
- (3) **CB/AM/FM "Disguise" Antenna.** Mounts in a standard car radio antenna hole. Tapered 32" stainless steel whip. Includes 8 1/2-foot cable, splitter, connectors for CB and car radio, mounting hardware. 21-990 29.95
- (4) **No-Hole Trunk-Mount.** For the center or either side of trunk lid. Secures with two set screws. Base loading coil, stainless steel shock spring. With 16-foot cable, connector. 21-908 26.95

- (5) **"Shorty" Roof-Mount.** Easy snap-in mounting. Features center-loading coil, stainless steel whip and shock spring. With 16-foot cable and connector. 21-906 23.95
- (6) **Stainless Steel Hatchback-Mount.** Universal swivel ball allows mounting in almost any position, with whip remaining vertical. No holes to drill. Center-loaded design. With 16-foot cable. 21-948 25.95
- (7) **48" Fiberglass Marine Whip.** "Lay down" feature for horizontal or vertical mounting. Works on metallic or non-metallic surfaces. Ideal for fiberglass or wooden boats—no ground plane needed. Includes 16-foot cable and connector. 21-976 37.95
- (8) **Single Truckers II Antenna.** Heavy-duty mirror-mount adjusts for vertical or horizontal brackets. Over-size center resonator. Approx. 58" overall. 10-foot cable, connector. 21-941 25.95

- (9) **Single Truckers II Fiberglass Antenna.** Delivers the high performance and reliable communications you want on the road. Single-whip version of 21-945, below. With 10-foot cable, connector. 21-939 26.95
- (10) **Fiberglass Twin Truckers.** Dual 48" whips resist corrosion and provide improved front/rear performance. Mirror mounts. Includes 18-foot dual phasing coaxial cable harness. 21-945 44.95
- (11) **Gutter-Clamp Antenna.** Easy to mount in car roof rain gutter, and simple to transfer from car to car. Center-loaded. Stainless steel spring and whip. Approx. 37" overall. 10-foot cable. 21-909 19.95
- (12) **Fold-Down Gutter-Mount Antenna.** Folds down easily to prevent damage when entering garage or carwash. Center-loaded. Stainless steel spring and whip. Approximately 38" overall. With 10-foot cable and connector. 21-947 26.95

Radio Shack Has Quality CB Accessories for All Your Needs



- (13) **CB Under-Dash Mount.** CB slides off under-dash bracket for safe storage. With electrical connections. 21-566 14.95
- (14) **Extra Mount for Above.** Lets you use the same CB in another vehicle. 21-567 6.99
- (15) **Magnetic Mike Holder.** Holds securely to any magnet-holding surface. 21-1130 1.59
- (16) **Mike Clip.** Mounts with included screws or insta-mount adhesive. 21-923 1.29
- (17) **CB Portable Hump Mount.** Fits securely atop carpeted transmission hump. Metal construction. 21-540 17.95
- (18) **Gutter Clamp.** For most antennas requiring 3/8" diameter mounting hole. 21-911 5.89
- (19) **Mirror/Luggage Rack Bracket.** For whips with standard 3/8"-diameter thread. 21-937 8.95
- (20) **12 VDC Replacement Power Cord.** 48" long with 3-pin plug and inline fuse holder. Requires 2-amp fuse. 21-550 3.29

- (21) **Dynamic Mike.** Features shielded coiled cord and DIN-type plug. 21-1172 14.95
- (22) **Noise-Cancelling Mike With Preamp.** Cuts noise and assures 100% modulation. Requires 7-volt battery. (Operates as a dynamic mike without battery). 21-1175 26.95
- (23) **7-Volt Battery.** 23-601 4.99
- (24) **Extension Speaker.** Adjustable base. 10-foot cable with 1/8" mini plug Rated 5 watts. 8 ohms. 21-549 12.95
- (25) **Back-of-Set Antenna.** 90° design, plugs directly into CB's antenna socket. Center-loaded. 21-921 7.95
- (26) **102" Stainless Steel Whip.** With standard 3/8"-diameter thread. 21-903 12.95
- (27) **102" Fiberglass Whip.** With standard 3/8"-diameter thread. 21-905 12.95
- (28) **48" Fiberglass Whip.** Top loaded design with standard 3/8"-diameter thread. 21-934 10.95

- (29) **Stainless Steel Whip Replacement.** With adapter. Replaces Radio Shack 21-904, 21-908, 21-940. 21-952 5.95
- (30) **Dual-Chain Mount.** Fits most bumpers. Protective vinyl chain cover. 21-910 12.95
- (31) **Ball Mount.** For vertical or horizontal mounting. Chromed ball with lug terminals. 21-1115 9.95
- (32) **Steel Spring.** Chrome-plated, with removable 3/8" diameter threaded stud. 21-1118 9.95
- (33) **Antenna Feedthrough.** Accepts whips or coils with standard 3/8"-diameter thread. Solderless crimp connectors for coaxial cable. Fits mounting plates up to 1/8" thick. 21-950 4.29
- (34) **Antenna Hold-Down Clip.** Clips to car roof rain gutter. 21-917 1.99
- (35) **Feedthrough/Adapter.** One end accepts standard PL 259 CB connector. Other accepts whip or coil with standard 3/8"-dia thread. Fits plates up to 1/8" thick. 21-961 4.29

Prices Apply at Participating Radio Shack Stores and Dealers

2-WAY RADIO COMMUNICATIONS FOR EVERYONE

FM Headset Walkie-Talkies



Hands-Free 2-Way Radios
For Fun or at Work



NEW LOW PRICE!

69⁹⁵ Was 79.95
Pair In 1986
Catalog

Realistic® TRC-500. Now you can talk with a companion while working or enjoying a recreational activity. Voice-activation lets you continue what you're doing while you talk. Sensitivity switch prevents unwanted transmissions during strenuous activity or lets you pick up soft voices when necessary. Volume control, 49-MHz FM dual-conversion receivers with 1/2-microvolt sensitivity. Up to 1/4 mi. range indoors, 1/2 mi. outdoors. With belt clips. Each headset requires 9V battery. 21-400 69.95

FM Compact Walkie-Talkie



NEW FOR 87

24⁹⁵

Available Sept. 30, 1986

- Really Convenient Portable Size Fits Easily in a Pocket
- Superhet Circuitry For Top Performance

Realistic TRC-501. Great communications capacity! Only 1-inch thin. Works up to 1/2 mile on 49 MHz. 1/2-microvolt sensitivity. Rotary on/off volume control, LED battery condition indicator, 5-segment telescoping antenna. Requires 9V battery. 21-401 24.95

Make Radio Shack Your CB Base Station Headquarters

2-in-1 40-Channel CB Mobile/Base Station



129⁹⁵

- Dual-Power—Use at Home or On-the-Road
- Priority Switch Accesses Emergency Channel 9 or Channel 19 Instantly

Low As \$20 Per Month*

Realistic Navaho® TRC-433. Our best value ever in a base/mobile CB radio. Works equally well from your home or vehicle. Crystal and ceramic filters give you extra-sharp receiver selectivity and freedom from adjacent channel interference. Switchable ANL/noise blanker cuts impulse-type interference. Five segment LED meter shows relative RF output power and signal strength. Hysteresis-type squelch eliminates signal "chopping" LED channel display, PLL frequency control. Includes jacks for adding a PA speaker and 1/4" headphones. With lock-plug mike. Adjacent channel rejection, 60 dB at 10 kHz. 21 1/16 x 11 1/16 x 8 5/8". UL listed AC or 12VDC pos./neg. gnd. 21-1547 129.95

Base Station Antenna

79⁹⁵

- Omnidirectional
- 3 dB Gain Over 1/4 Wave

Crossbow® 1/2-Wave. Durable fiberglass construction gives you years of reliable performance. 16-foot radiator. For masts up to 1 5/8" diameter. 21-967 79.95

USE EXTREME CAUTION when installing or removing base station antennas. Contact with power lines by the antenna or any part of the mounting assembly can be lethal.



Handy Field-Strength/SWR Meter

18⁹⁵



Portable FS meter also reads forward/reflected standing wave ratio to 1kW. 21-525 18.95

Base/Mobile Coax Assemblies

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
20	*RG58/U	278-966	6.39
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95

52-ohms, with PL-259 connectors on each end except for #278-966.

*PL-259 connector to spade lugs

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

CB WALKIE-TALKIES FOR EVERY PURPOSE

• Revolving Credit Available
See Page 3

Available
Sept. 30, 1986



(1) Realistic TRC-87. 1 Channel, 100 mW. Sensitive superhet receiver, up-front speaker/mike, side-mount volume/on-off control and transmit button. With channel 14 crystals, telescoping antenna, wrist strap. 6³/₄ x 3 x 1³/₄" Requires 9V battery. 21-1609 19.95

NEW FOR 87 (2) Realistic TRC-89. 3 Channels, 300 mW. Battery-test LED indicator, side-mount volume/on-off control. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna, wrist strap. 8³/₄ x 3 x 1⁷/₈" Requires 6 "AA" batteries. 21-1611 29.95

NEW FOR 87 (3) Realistic TRC-88. 3 Channels, 1 Watt. Squelch and volume controls, battery-test LED indicator, battery charger jack. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna. 9³/₄ x 3³/₈ x 2³/₄" Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1610 39.95

NEW FOR 87 (4) Realistic TRC-218. 3 Channels, 2 Watts. Auto-modulation and Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and mike, battery-test LED. With channel 14 crystals. Add optional crystals for two more channels. 10¹/₄ x 3¹/₈ x 2¹/₂" Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1638 49.95

NEW FOR 87 (5) Realistic TRC-219. 3 Channels, 3 Watts. Auto-modulation, Range-Boost signal extender. Center loaded antenna, squelch control, battery-test and modulation LEDs. External antenna and charger jacks. With channel 14 crystals. Add optional crystals for two more channels. 10¹/₄ x 3¹/₈ x 2¹/₂" Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1639 59.95

(6) Realistic TRC-215. 6 Channels, 5 Watts. Ceramic filter for increased selectivity and freedom from adjacent channel interference. Battery condition/RF meter, squelch, hi/lo power-saver switch. Jacks for antenna, hand mike, battery charger, external speaker. With channel 14 crystals. Add optional crystals for five more channels. 8 x 3 x 2³/₁₆" Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. 21-1653 99.95

NEW FOR 87 (7) Realistic TRC-217. 40 Channels, 5 Watts. Covers all 40 channels, no crystals needed! Phased-Locked Loop circuitry gives precise frequency control and stability over all channels. Range-Boost extends signal reach. Built-in automatic noise limiter, separate speaker and mike. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Telescoping antenna, channel display/battery-test LED, squelch control, hi/lo battery-saver switch. External antenna and battery charger jacks 7¹/₂ x 2⁵/₁₆ x 2¹/₄" Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. 21-1644 99.95

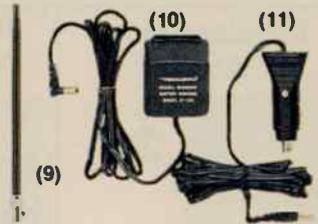
(8) Realistic TRC-216. 40 Channels, 5 Watts. Our best walkie-talkie! Ready to use on all 40 channels—no crystals required! Phased-Locked Loop circuitry for precise frequency control and stability. LCD channel readout and battery condition/RF meter, hi/lo battery-saver switch. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Squelch, automatic noise limiter, separate speaker and mike. Includes jacks for ear-phone, hand mike, antenna, battery charger. 8 x 3 x 2³/₁₆" Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1663 139.95

Transmit/Receive CB Crystals

CB Accessories

If the crystals you want aren't listed below, our "Hotline" service can get most CB crystals (except synthesizer crystals) delivered to your local Radio Shack in just a few days. Just ask the manager. No extra charge! One transmit, one receive.

Channel	Cat. No.	Pair
5	21-1205	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30	21-1230	4.98
35	21-1235	4.98



(9) Flexible Antenna. For loaded and standard antennas. 21-980 7.95
(10) Battery Charger. For 12-15V nickel-cadmium cells. UL listed. AC. 21-516 6.95
(11) 12VDC Power Cord. Neg. gnd. 8-foot. 270-1533 3.49

An FCC License is No Longer Required for Operating CB Equipment—No Age Limit

SAFEHOUSE® PROTECTION FOR YOUR HOME

4-Channel Emergency Phone Dialer With Wireless Remote Control

NEW FOR 87



Available Sept. 30, 1986

199⁹⁵ Low As \$20 Per Month*

- Auto-Dials Up to 3 Preselected Numbers For Each of the 4 Personal Messages
- Transmitter Has Up to 200-Foot Range

This dialer and pocket remote make a superb personal security system, and you can also use it with an existing alarm system. At home, when you need help, just touch a button on either the remote or dialer, and the system begins to call three numbers with your personally recorded messages. Bypasses busy numbers and waits for an answer before starting the message. Acknowledgement code lets dialer know message was received. Monitor mode lets you hear the response. Dialer can be directly wired to separate burglar and fire alarms. Works on pulse or tone lines. Built-in mike and speaker for recording/listening to messages. Automatic battery backup. Includes 20-second cassette tape. FCC registered, UL listed AC. Automatic battery backup requires 5 "C" and 3 "AA" batteries. 49-432 199.95

Touch a Button on Remote Or Dialer and System Phones for Help

Automatic Emergency Message Dialer



99⁹⁵

Low As \$20 Per Month*

- Dials Up to 3 Numbers Automatically
- One-Touch Emergency Button

Can be triggered by an alarm system or by one touch of a button. Dials up to three numbers in sequence and plays your prerecorded message. Monitor switch, built-in mike, message-is-playing and battery-check LEDs. Battery-backup system in case AC power fails. Works on pulse or tone lines. UL listed AC. Backup requires 3 "AA" and 4 "C" batteries. FCC registered. 3 1/2 x 9 x 6 1/2". 49-431 99.95

Ionization/Smoke Detector/Alarm



Attaches to wall . . .



. . . or to ceiling



Battery included



Continuously monitors the air for smoke or invisible combustion particles. Responds to danger by sounding loud built-in alarm. Flashing LED operating indicator and test button assure proper operation. Ionization type. 5 1/4" dia. x 2". With hardware. UL listed. 49-457 14.95

14⁹⁵

Window/Door Alarm



3⁴⁹

Install Several

Alarm sounds when door or window is opened. Requires 2 "AA" batteries.

49-494 3.49

Pocket Size Powerhorn®



5⁹⁵

Use to Call for Help

Fits in pocket or purse. Blast can be heard up to 1/2-mile! 49-600 5.95

Window/Door Stop



99^c

Deters Break Ins

Halts opening of sliding windows and doors. Adjustable. 49-540 99c

Electronic Door Or Window Alarm

11⁹⁵

Key-Operated On/Off Switch



Loud alarm, exit/entry delay. 5 1/8 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421 11.95

Combination Alarm & Entry Chime

24⁹⁵

Arms With Secret Keyboard Code



Door alarm plus "ding-dong" chime announces callers. 6 5/8 x 2 3/4 x 1 1/4". Requires 9V alkaline battery. 49-422 24.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

MOTION-DETECTING ALARM SYSTEMS

• Revolving Credit Available
See Page 3

Passive Infrared Motion Sensor



99⁹⁵

- Easy to Install—Just Plug Into AC
- Detects Intruder's Heat and Motion

Low as \$20 Per Month*

Covers a 20 x 30-ft. space, and a "walk-test" LED defines the protected area. Sounds a loud built-in alarm that auto-resets after 5 minutes. Has 15-second entry and 20-second exit delay that allows time to enter or leave the protected area without triggering the alarm. Automatic battery backup in case power fails. 3³/₄ x 10¹/₂ x 8¹/₄". UL listed AC. Backup requires 8 "C" batteries. 49-308 99.95

Ultrasonic Motion-Sensing Alarm

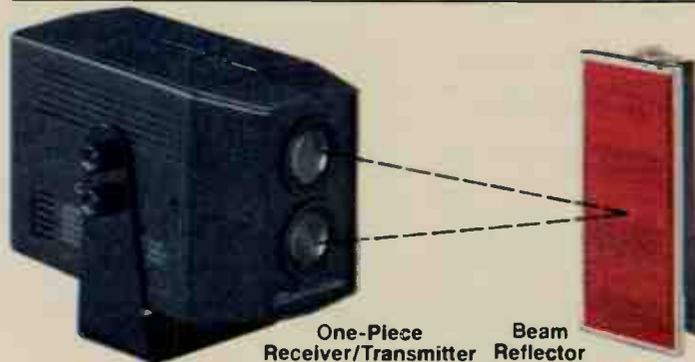


59⁹⁵

- "Walk-Test" Lamp Defines 20 x 30-Ft. Protected Area

- No Installation Required
- Just Plug Into AC Outlet

Ultrasonic protection for your home! Loud internal alarm can be set to sound instantly when motion is detected, or can be programmed for a 15-second entry delay or a 20-second exit delay. Alarm auto-resets after 5 minutes of operation. Adjustable sensitivity control, plus terminals for adding an external alarm and remote on/off switch. Provision for battery backup (requires 12V lantern battery). 2³/₄ x 9¹/₂ x 8¹/₄". UL listed AC. 49-303 59.95



One-Piece Receiver/Transmitter Beam Reflector

Photorelay Alarm System With Infrared Pulsed Beam

69⁹⁵ Pulsed Beam System Guards Against Intruders And/or Announces Guests or Customers

Low-priced protection for home or business. Transmitter projects a beam of pulsed invisible infrared light across a space of up to 50 feet to the reflector, which reflects it back to the receiver lens. When the beam is interrupted, the built-in alarm is triggered. Alarm can be set to sound momentarily, for 5 minutes with auto-reset, or for 5 seconds. Features LED test alignment indicator, adjustable sensitivity control and built-in buzzer. Has provisions for adding battery backup (requires 12V lantern battery), external 12VDC bell, siren or security dialer. 4¹/₈ x 3 x 7¹/₄". Adjustable mounting bracket. UL listed AC. 49-307 69.95

Mobile Alert® Alarms Protect Your Car 24-Hours a Day

Keyless Auto Alarm

29⁹⁵

Only Four Wires to Connect



Arms after last door is shut. Has 20-second entry/40-second exit delay. With mounting hardware. 12VDC neg. gnd. 49-781 29.95

Keyless Auto Alarm With Motion Sensor

49⁹⁵



Triggered by tampering, intrusion, or motion. Exit/entry delay With hardware. 12VDC neg. gnd. 49-762 49.95

"Silent" Alarm With Pocket Receiver

79⁹⁵

You Hear The Alarm Up to 2-Miles Away . . . But Intruder Doesn't



Transmitter attaches to your car radio antenna, sensors mount on door posts. Alarm signals receiver, optional siren or both. Digitally coded, can also be used as a pager. With mounting hardware. Receiver requires 9V battery. Transmitter for 12VDC neg. gnd. 49-791 79.95
Extra Receiver 31.95

Hide A Key
69¢



No more lockouts! Grips any flat magnet-holding surface. Buy several for house and car keys. 49-050 69¢

Extra Pin Switches

2⁸⁹

Pkg. of 2



Pin switches for hood, trunk or doors. For use with any of the systems on this page. 49-509 2/2.89

Low-Cost Auto Motion Detector Switch

Senses Movement

4⁹⁹

Mounts under hood. Add to any of the systems above. Adjustable sensitivity. Normally open circuit. 49-520 4.99



Radio Shack—66 Years of Value, Service, and Reliability

World Radio History

SAFEHOUSE® 24-HOUR SECURITY PROTECTION



Burglar and Fire Alarm Center

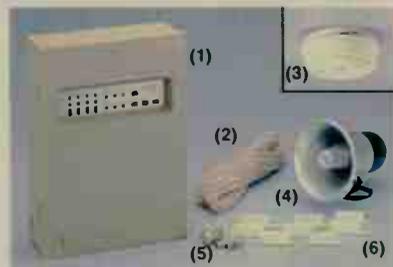
159⁹⁵

Low As \$20
Per Month*

NEW
FOR 87

- Four Alarm Systems in One
- 24-Hour Fire Detection

Protect yourself and your home with this sophisticated, easy-to-install "perimeter" alarm and fire detection system. The control unit's four independently operated burglar alarm trigger "loops" are like having four separate alarm systems in one! An independent fire alarm loop stays armed 24 hours to alert you of smoke or fires instantly. An additional 24-hour tamper detection loop can be connected to switches that immediately alert you of tampering. Or hook up a panic button to sound the alarm instantly. Magnetic switches, smoke/temperature sensors, mat switches and infrared alarms can be added anytime. It can even activate a phone dialer to automatically call a local fire station, police or security service. Transformer plugs into 120VAC. Battery backup in case of AC failure. Variable entry delay from 0-40 seconds and exit delay from 0-45 seconds. 13 x 9 1/2 x 3 3/4". UL listed AC. Backup requires two #23-181 batteries, below. 49-470 159.95
6V Rechargeable Battery. 23-181 Each 9.95



Alarm System Package

Save ~~\$27²⁹~~ **213⁹⁵**

Reg. Separate Items 241.24 Low As \$20 Per Month*

- (1) Alarm Control Unit, 49-470
- (2) 100 Feet of Wire, 278-860
- (3) System Smoke Alarm, 49-481
- (4) Electronic Siren, 49-488
- (5) Lock and 2 Keys, 49-523
- (6) 4 Magnetic Switches, 49-495



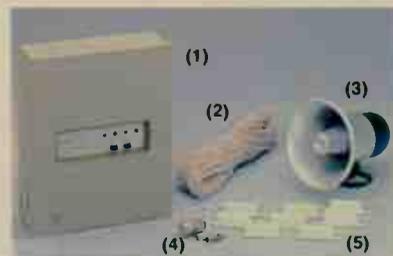
Burglar Alarm Control Unit

99⁹⁵

Low As \$20
Per Month*

- Around-the-Clock Security
- Add Accessories to Custom Design Your Own System

The same type of system used by professionals! Design your security around alarm bells, sirens, strobes, key locks, vibration and glass-breakage detectors or motion sensors. The system has two alarm "loops" - one instant, one with adjustable 0-45 second entry/exit delays. Add up to ten arm/disarm key switches for entrances. There's even a panic switch circuit that's armed 24 hours. Alarm shuts off after five minutes, then automatically resets. Low-voltage transformer plugs into 120VAC and has automatic battery backup in case of AC failure. Four control panel LED status indicators. Power-on and arm/memory LEDs assure system is armed and working properly. Loop indicator lights when all detectors are in their normal state and show if any window or door is unprotected. Battery and bell test buttons. All-steel control unit, 11 7/16 x 8 1/4 x 3 9/16". UL listed AC. Backup requires 8 alkaline or 10 rechargeable "C" batteries. 49-450 99.95



Alarm System Package

Save ~~\$16³⁵~~ **129⁹⁵**

Reg. Separate Items 146.30 Low As \$20 Per Month*

- (1) Alarm Control Unit, 49-450
- (2) 100 Feet of Wire, 278-860
- (3) Electronic Siren, 49-488
- (4) Lock and 2 Keys, 49-523
- (5) 4 Magnetic Switches, 49-495



Wireless "Perimeter" Home Burglar Alarm System

Includes Main Alarm and One Door Transmitter

159⁹⁵

Low As \$20
Per Month*

- Installation is Quick and Easy
- No Complicated Wiring Involved
- Design Your Own Security System

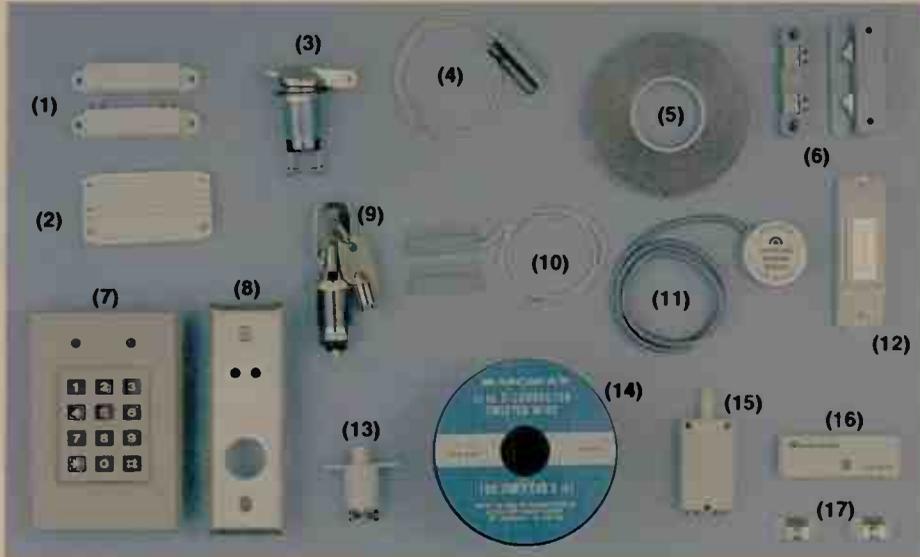
Plug Receiver/Central Alarm into AC outlet and place transmitters at doors and windows. Use built-in alarm, or add super-loud Indoor/Outdoor Horn listed below. Automatic alarm shutoff and reset. Program your own disarm code and an entry/exit delay time. Two channels let you "zone" the system. Six LEDs show functions. Receiver, 3 1/4 x 10 1/4 x 6 1/2". UL listed AC. Backup requires 6 "C" batteries. Transmitter requires 9V battery. 49-401 159.95

Extra Transmitter. Requires 9V battery. 49-402 Each 29.95
Indoor/Outdoor Alarm Horn. 40-1251 41.95

Prices Apply at Participating Radio Shack Stores and Dealers

ACCESSORIES FOR YOUR ALARM SYSTEM

• Revolving Credit Available
See Page 3



Switches, Contacts, Foil and More

- (1) Door/Window Switch. Contacts close as magnet engages. UL listed. 49-495 3.49
 (1) As above, but contacts open as magnet engages. UL listed. 49-512 3.99
 (2) Spacers. For use with above on metal doors and uneven surfaces. 49-519 Pkg of 6/99¢
 (3) Lock Switch With Cover. Spring-loaded cover, screw terminals. Two keys. 49-515 4.69
 (4) Concealed Magnetic Switch. Mounts inside door or window frame. UL listed. 49-496 3.99
 (5) Foil. Connects to alarm and glass. 120-foot x 3/8" roll. 49-502 5.99
 (6) Foil/Vibration Contact. Mount half on window or door, half on frame. UL listed. 49-518 3.99
 (7) Digital Key Switch. Programmable secret code arms/disarms system. Ideal panic button. Requires 10-16VDC at 70 mA. UL listed. 49-535 21.95
 In-Wall Mounting Box. For above. 279-341 2.59
 (8) Remote Key Plate. Red and green LED status indicators, tamper switch. For most keyswitches. 6 and 12VDC. Mounting hardware. 49-524 5.95
 (9) High-Security Round Lock Switch. Key removes in on or off position. Two keys. 49-511 9.95

- (9) Similar to 49-511, but with momentary, contact. 49-523 9.95
 (10) Mini Magnetic Switch. Contacts close when magnet engages. UL listed. 49-497 3.99
 (11) Glass Breakage Detector. Guards up to 32 square feet. For open or closed circuits. UL listed. 49-516 7.95
 (12) Panic Switch. Triggers instant alarm. Contacts close when button is pushed. For N.O. circuits. 49-517 1.49
 (13) Contact Switch. Depress plunger to close contacts. For windows, door frames. With terminals, hardware. UL listed. 49-513 1.29
 (14) 100-Foot 2-Conductor Twisted Wire. For use in making alarm system connections. 22-gauge. 278-860 5.49
 300-Foot Wire. 278-861 15.95
 (15) Tamper Switch. Protects alarm panels, siren, bell boxes. Depress plunger to open contacts. For N.O. loops. UL listed. 49-528 1.39
 (16) Vibration Detector. Adjustable sensitivity. For N.C. circuits. UL listed. 49-521 3.95
 (17) Adhesive Connectors. UL listed. 49-504 3 Pair/2.59



Light and Sound Security Devices

- (18) High-Power 2-Sound Siren. Loud rise-fall or steady sound. Adjustable base. Weatherproof. Requires 6-12VDC at 1 amp. 49-525 39.95
 (19) 2-Sound Indoor/Outdoor Siren. Rise-fall or steady sound. Weatherproof. Requires 12VDC at 1/2 amp. 49-488 16.95
 (20) 8" Heavy-Duty Alarm Bell. For signaling or alarms. UL listed. Requires 12VDC at 0.6 amp. 49-498 19.95
 (21) 2-Sound Indoor Siren. Super-loud steady or rise-fall. Ceiling/wall-mount. Requires 12VDC at 0.5 amp. 49-529 14.95
 (22) Security Strobe Light. Helps police or fire department locate your home quickly during emergencies. Weatherproof. 100,000 candlepower strobe is visible even in fog. Requires 12VDC at 0.2 amp. 49-527 19.95
 (23) Warning Decals. Vinyl adhesive mounts on glass, warns would-be burglars. 49-507 Pkg of 5/99¢



Available Sept. 30, 1986

NEW FOR 87

System Smoke Detector

Continuously monitors for smoke or combustion particles. Four-wire hook-up system is powered by 49-470 system panel. Cannot be used alone or with 49-450. Has loud, built-in alarm. 5 1/4" dia. x 2". With mounting hardware. UL listed. 49-481 34.95

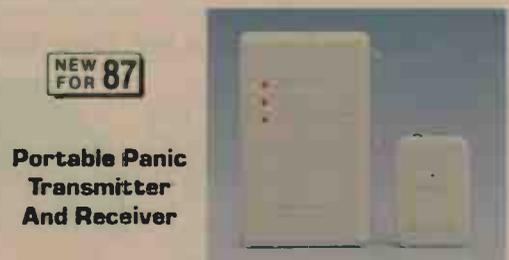


Attaches to wall . . .
 . . . or to ceiling



Passive Infrared Sensor

Detects intruder's motion by sensing body heat. Mounts on wall to cover area 35-feet long, 20-feet wide. For 49-450 and 470 plus other panels. Walk-test LED determines area covered. Has tamper switch. Requires 12VDC at 20 mA. UL listed. 49-530 69.95



Portable Panic Transmitter And Receiver

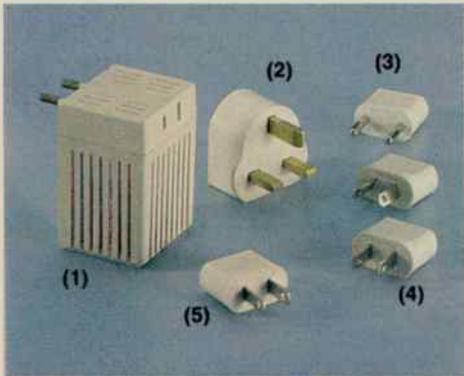
Wireless Personal Protection System

Signal triggers existing alarm or auto-dialer when you press hand-held panic button. 256 codes permit use of extra transmitters. Up to 100-foot range. Receiver requires 12VDC and 6 "AA" alkaline backup batteries. Transmitter includes batteries. FCC registered. 49-536 49.95
 Extra Transmitter 23.00

Sale and Use of Sirens for Mobile Use is Prohibited in California and Certain Other States

AC/DC ADAPTERS AND POWER CONVERTERS

Foreign AC Power Converters



Your Best Travel Companion!

Low As **13⁹⁵**

- Use 120VAC Appliances With 240VAC
- Compact Size ■ Overload Protected

(1) 50-Watt Converter/Transformer for Electronic Equipment. Converts 240VAC to 120VAC to operate cassette recorders, radios, most photoflash units and battery rechargers, calculators, contact lens sterilizers and appliances up to 50 watts. 9 1/2 oz. 1 5/8 x 2 5/8 x 1 1/4". 273-1401 . . . 13.95

(2) 1000-Watt Converter. Allows use of 120VAC non-motorized heating appliances from 240VAC. For irons, curlers, curling irons, heating pads, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 1/2 x 1 1/2". 273-1402 . . . 14.95

(3) 1600-Watt Converter. Allows use of 120VAC heating appliances from 240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 7/8 x 1 7/8". 273-1404 . . . 18.95

(4) Plug Adapters. Lets you connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. Must be used with one of the voltage converters, above. 273-1405 Set of 4/7.95

(5) U.S. Outlet Plug Adapter. Allows connection of dual-voltage appliances with European plugs into 120VAC outlets. 273-1406 1.95

IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. NOT for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer-operated devices.

Universal Voltage Adapters



Multi-Purpose Adapters To Power Most Portables

(6) Universal AC to DC Adapter. Save on batteries and the expense of buying several adapters. Five DC output voltages and Adaptaplugs for up to 60 different power combinations—1/8" mini-plug, 3/32" submini plug and four "barrel-type" coaxial Adaptaplugs. Delivers up to 300mA current. With 6-foot cord. UL listed. 273-1650 11.95

(7) Universal DC Adapter. With six Adaptaplugs. Reduces 12V to 3/4.5/6/7.5/9 volts. 270-1560 9.95

(8) Hi-Power 6-9-12V DC Adapter. Fused with four plug sizes. 270-1562 12.95
Replacement Adaptaplug™ Set. 274-1501 6.95

120VAC to 9VDC Adapter



8⁹⁵

For AC operation of many battery-powered portable recorders, radios and small TVs with external DC jack. With 2 adaptaplug. UL listed. 273-1651 8.95

120VAC to 12VDC Adapter



9⁹⁵

For AC operation of many battery-powered video games, radios, portable cassettes and small TVs. Reversible-polarity. Four Adaptaplugs. UL listed. 273-1652 . . . 9.95

120VAC to 12VDC High-Current Adapter



NEW FOR 87

17⁹⁵

Delivers up to 1 amp to power 12-to-15V portable TVs, portable VCRs, cassette portables. UL listed. 273-1653 17.95

Personal Portable Adapter

11⁹⁵

NEW FOR 87

UL Listed



Hum-free circuit designed for personal portable stereos. Switch selectable 1.5 and 3 VDC output. 2 Adaptaplugs. 273-1654 . . . 11.95

Power Supplies for Your DC Equipment

Use Mobile Equipment At Home

NEW FOR 87

39⁹⁵

Regulated 12VDC Supply. Operates most 12 to 14-volt DC devices from 120VAC. Ideal for CB and Ham transceivers and as a bench supply. Rated 2.5 amps continuous, 5 amps surge. UL listed. 22-120 39.95

12VDC Supply. Similar to above, but rated 1.75 amps continuous. Unregulated, UL listed. 22-127 26.95



26⁹⁵

Adapters for Radio Shack Equipment and Other Brands

Low As **4⁹⁵**

All UL Listed

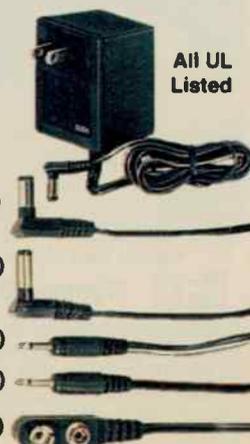
(9) 9VDC (300mA max). Connector: coaxial "barrel-type" plug, outside dia. (O.D.): 5.5mm, inside dia. (I.D.): 2.1mm. 273-1455 6.95 (9)

(10) 6VDC (150mA max). Connector: coaxial plug, O.D.: 5.5mm, I.D.: 2.1mm. 273-1454 5.95 (10)

(11) 9VDC (25mA max). Connector: 3/32" submini-type phono plug. 273-1431 . . . 4.95

(12) 3VDC (200mA max). Connector: 3/32" (11) submini-type phono plug. 273-1435 . . . 4.95

(13) 9V Battery Eliminator (25mA max). Connector: snap-type as used on 9V rectangular batteries. 270-1552 4.95



HEY KIDS! PERSONAL RADIOS, JUST FOR FUN

Mickey Mouse® Radio

NEW FOR 87

7.95



© Walt Disney Productions

Kids Will Love to Take Him Along

This friendly portable brightens up everyone's AM listening. Rotate Mickey's "ears" to tune stations and adjust volume. With handy carrying strap and beltclip. Requires 9V battery. 12-907 7.95

Bike Radio With Horn



19.95

3" Reflector For Riding Safety



Archer Road Patrol®. Mounts on most handlebars. AM radio removes easily, bracket stays on bike. 2 1/2" speaker. 3 1/2 x 5 1/4 x 3 7/8". Requires 3 "C" batteries. 12-197 19.95

Pizza Hut® Radio With Headphones

12.95 NEW FOR 87



One Small Portable to Go

Mmmm! Sounds delicious! Get a slice of your favorite music from the personal portable that delivers. Includes feather-light pan pizza headphones with adjustable headband. Rotary volume and AM tuning controls. The only extra topping required is a 9V battery. 12-905 12.95

©1986 Pizza Hut, Inc.

Blackberry

Blueberry

Strawberry

Our "Tasteful" Flavoradios™

NEW FOR 87

6.95 Each

In Three Delicious Flavors



Kids will love these bright and colorful pocket AM radios. Side-mounted rotary volume and tuning controls. Sturdy molded cases withstand rough handling. Built-in speaker plus earphone for private or late-night listening. Each requires one 9V battery.

Blackberry, 12-201. Blueberry, 12-202. Strawberry, 12-203 Each 6.95

Mini Personal Portable

9.95

Great for All Ages



With Headphones



AM receiver fits in shirt pocket or clips to belt. Side-mounted rotary tuning and volume control for one-hand operation. Includes lightweight headphones. Requires 9V battery.

12-106 9.95

Our Plush, Pettable AM Animal Radios

Raccoon

Gray Cuddly Cat

Sad Puppy

NEW FOR 87

NEW FOR 87



Low As 11.95

Kids just love 'em. External controls. Each requires 9V battery.

Pekingese

NEW FOR 87

Description	Cat. No.	Each	Description	Cat. No.	Each
Raccoon	12-971	12.95	Cuddly Cat	12-983	11.95
Pekingese	12-967	12.95	Sad Puppy	12-988	14.95

Cute Pound Puppies® Cuddly Radio

NEW FOR 87

11.95

"Doggone" Good Listening From Man's Best Friend

© 1986 Tonka Corporation



The most lovable, huggable AM radio any child will ever snuggle up to. Internal speaker (a woofer, of course), external volume/tuning controls. Adopt one! Requires 9V battery. 12-906 11.95

When in Fort Worth, Visit Tandy Center Mall, Home of Radio Shack Headquarters

World Radio History

GET A WEATHERADIO® FOR INSTANT UPDATES

STAY INFORMED WITH A REALISTIC WEATHERADIO RECEIVER

The National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special commercial-free VHF stations in over 365 cities. Most operate 24 hours. Come in for details.

Desktop Weather and Time Receiver



39⁹⁵

Receives Weather Stations and the World's Most Accurate Time

Realistic® Weatheradio/Timekube. Just tap the Play-bars for weather or National Bureau of Standards time-signal station WWV on 5, 10 or 15 MHz. Crystal controlled. Receives weather stations up to 50 miles away. LED mode indicator. 17¹/₁₆ x 6 x 3¹⁵/₁₆". Requires 9V battery. 12-148 39.95

Weatheradio Alert

39⁹⁵

Get Advance Warning Of Severe Weather Entering Your Area



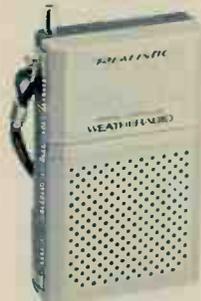
Weather Service Signal Triggers Weatheradio Alarm

When alarm sounds, press Weather-bar for advisories and what precautions to take. Battery backup powers radio during AC failures. Power-on/alert-standby LED. Crystal controlled. Up to 50-mile range. 1³/₈ x 5¹/₄ x 6⁷/₈". UL listed AC. Backup requires 9V battery. 12-140 39.95

Pocket Weatheradio® Receiver

19⁹⁵

Great for Travelers And Campers

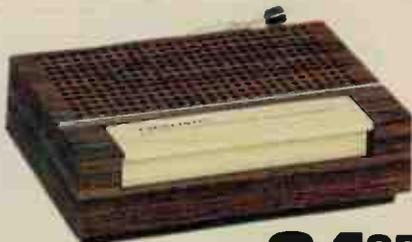


Compact receiver is small enough to go with you anywhere, yet it's crystal-controlled for drift-free reception and has an RF amplifier for up to 50-mile range. Telescoping antenna. 4¹/₄ x 2³/₄ x 1¹/₂". Requires 9V battery. 12-151 19.95

Desktop Weatheradio

24⁹⁵

RF Amplifier for Up To 50-Mile Range



Set the control just once, then tap Play-bar anytime for instant weather information. Crystal-controlled for clear reception. Low profile. Telescoping antenna. 1¹/₂ x 5¹/₄ x 3¹/₂". Requires 9V battery. 12-152 24.95

Weatheradio Cube

17⁹⁵

Only 3-Inches Square



The original Weatheradio receiver! Tap the Play-bar to hear weather stations up to 25 miles away, then tap again to switch it off. Simulated rose-wood, chromed edges, telescoping antenna. Requires 9V battery. 12-181 17.95

Portable 9-Band World Communications Receiver

79⁹⁵

- Hear It All—FM, AM, Six Exciting Shortwave Bands And International Longwave
- Built-in AFC for Drift-Free FM
- Pushbutton Band Selectors
- Small Enough to Take Anywhere

Realistic DX-360. The ideal world traveler's radio! Take it with you to hear international news, views and entertainment on the BBC, Voice of America, Radio Japan and many others, plus standard AM and FM. International broadcast bands are highlighted on the dial for easy tuning. Features slide-action volume, tone and shortwave band selector controls. Tuning and low-battery LED indicators. Built-in speaker, 1/8" earphone jack. Telescoping antenna for FM and SW reception, loopstick for AM and longwave. Bands: SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2-10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz, SW6 21-25 MHz, LW 150-260 kHz. 4¹/₂ x 10¹/₄ x 1³/₄". Requires 4 "AA" batteries or AC adapter. 20-208, 79.95



80 Weatheradio® is a Registered Trademark of Tandy Corp./Radio Shack. Our Weatheradios Operate on 162.4, 162.475 and 162.55 MHz

ACTION-CATCHING PORTABLE RADIOS

•Revolving Credit Available
See Page 3

VHF-TV Sound, Police, Aviation, FM and AM



59⁹⁵

Hear Police/Fire Calls, Pilots and Control Towers, Weather Info, Plus TV Sports, Soaps and Talk Shows on Channels 2-13

Realistic PortaVision®-50. Catch all the local action, plus your favorite AM or FM stations. Built-in AFC locks-in FM stations for drift-free listening. Squelch and tone controls. 3 1/2" speaker. Wide slide-rule dial. 9 1/8 x 10 7/8 x 3 1/2". UL listed AC (or 4 "C" batteries, extra). 12-780 59.95

5-Band Portable With VHF And UHF-TV Sound, FM, AM



69⁹⁵

- Tunes UHF TV Channels 14-83, In Addition to VHF TV Channels 2-13
- LED Band Indicators ■ Built-In FM AFC
- Easy, One-Knob Tuning on All Bands

PortaVision-60. Listen to TV news, soaps and sports or local radio stations on this deluxe model. Two integrated circuits in the IF and audio stages and a full-range 4" speaker assure outstanding reception and sound. Rotary tone and volume controls, extra-large knob for easy tuning, AC/battery switch. Fold-down handle. Includes earphone for private listening. 7 1/4 x 9 x 2 3/4". UL listed AC (or 4 "C" batteries, extra). 12-781 69.95

Realistic Portables With AM/FM/VHF TV-Sound



Hear VHF-TV News, Sports, And Soaps on Channels 2-13

29⁹⁵

Pocket PortaVision. 2 1/4" speaker. With earphone. 6 x 3 1/2 x 1 3/4". Requires 9V battery or AC adapter. 12-613 29.95
AC Adapter. UL listed. 273-1455 6.95



VHF-TV1
VHF-TV2
AM, FM

39⁹⁵

PortaVision-40. Hear your favorite VHF-TV shows on channels 2-13 and AM or FM stations wherever you go. Full-range 4" speaker, slide-rule dial. AC/battery switch. With earphone. 8 1/8 x 10 1/2 x 3". UL listed AC (or 4 "C" batteries, extra). 12-648 39.95

Pocket AM/VHF-Air



19⁹⁵

Take It Along to Air Shows

Jetstream®. Hear aviation transmissions on the 108-135 MHz band or listen to AM stations. 2 1/2" speaker. With earphone. 4 3/4 x 2 7/8 x 1 5/8". Requires 9V battery. 12-601 19.95

3 Shortwave Bands, AM, FM



Tunes 3-6.5, 6.5-13 and 13-26 MHz, AM and FM

49⁹⁵

Realistic DX-65. Shortwave band fine-tuning control. Built-in FM AFC. Tone control, 3 1/2" speaker, AC/battery selector switch. With earphone. 7 1/8 x 11 x 3". UL listed AC (or 4 "C" batteries, extra). 12-782 49.95

Police, Air, SW, AM, FM

99⁹⁵

Low As \$20 Per Month*

VHF-Hi/Lo, 6-18 MHz Shortwave, UHF, AM, FM



Patrolman® SW-60. Tune in police, aircraft VHF weather, foreign stations. All-band fine-tuning, AC-to-battery auto-switching, squelch control. 4" speaker, 1/4" headphone jack. 10 1/2 x 12 x 4". UL listed AC (or 4 "C" batteries, extra). 12-779 99.95

Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3

"ON-THE-GO" LISTENING-PORTABLE RADIOS

Values in AM/FM Pocket Portables



(1) **NEW FOR 87**

19⁹⁵

(1) Our finest pocket radio has stylish aluminum trim so it looks as good as it sounds. Built-in AFC-FM, high/low tone switch, rotary tuning and volume controls, 2 1/4" speaker. Telescoping FM antenna. 5 3/16 x 3 1/2 x 1 1/4". With earphone for private listening. Requires 9V battery. 12-719 **19.95**



(2) **NEW FOR 87**

16⁹⁵

(2) One-chip IC design for super sound! Built-in AFC-FM, rotary volume and tuning controls, slide-rule dial, 2 1/4" speaker. Telescoping antenna. 5 5/16 x 2 15/16 x 1 1/4". With earphone for private listening. Requires 9V battery. 12-718 **16.95**



(3) **NEW LOW PRICE!**

14⁹⁵

Was \$15.95 in 1986 Catalog

(3) Better value than ever! Built-in AFC-FM, side-mounted rotary controls for one-hand operation, slide-rule dial, 2 1/4" speaker. Telescoping antenna. 5 5/16 x 2 5/16 x 1 3/16". With earphone. Requires 9V battery. 12-636 **14.95**

Flavoradios® With AM and FM

NEW FOR 87

11⁹⁵

"Tasteful" Pocket Portables In Strawberry And Blueberry



We've sold hundreds of thousands of AM Flavoradios 'cause kids just love them, and now you can get *twice* the entertainment with both AM and static-free FM. Built-in AFC-FM, 2 1/4" speaker, telescoping antenna, stylish tapered design for easy carrying. 4 x 3 x 1 7/16". With earphone. Requires 9V battery. Strawberry, 12-720. Blueberry, 12-721 Each **11.95**

IC-Design Micro AM/FM

21⁹⁵

- Only 7/12" Thin
- Streamlined Design



Compact size yet great sound thanks to an integrated circuit that outperforms ordinary designs. Built-in AFC-FM, slide-rule dial, 1 1/2" speaker. 3 7/12 x 2 3/8 x 7/12". Earphone jack. Requires 2 "AAA" batteries. 12-124 **21.95**

AM/FM Travel Clock Radio



29⁹⁵

- Accurate Quartz Analog Clock
- AFC-FM Prevents Drift
- Compact Size for Travel

Chronomatic®-242. A traveling entertainer that's a great backup for motel wakeup service. Wakes you on time every time to AM, FM or beeper. Slide-rule dial for precise tuning. Earphone jack for private late-night listening. Easily fits in an attache case. 3 5/16 x 7 1/4 x 1 7/16". Requires 4 "AA" batteries. 12-1549 **29.95**

AM/FM Stereo With Built-In Speakers



24⁹⁵

NEW FOR 87

19⁹⁵



Available Nov. 15, 1986

Listen in Stereo With Headphones or in Mono With Built-In Speaker

Pocket-Size STEREO-MATE. Great for entertainment while working or just relaxing. Built-in AFC on FM, LED stereo indicator, rotary volume and tuning controls, 1 1/2" speaker, 1/8" headphone jack. 4 1/4 x 2 1/2 x 3/4". Requires 2 "AAA" batteries and headphones. 12-122 **24.95**

Personal-Size STEREO-MATE®. The big sound of stereo in an easy-to-take-along size. AFC-FM, slide-rule tuning for easy station selection, LED FM stereo indicator, built-in telescoping antennas. Dual rotary volume controls and 3" speaker. 1/8" headphone jack. 4 1/4 x 7 1/8 x 1 1/8". Requires 3 "AA" batteries or DC adapter, and headphones. 12-131 **19.95**

DC Adapter. 273-1454 **5.95**

There's a Radio Shack Store Near You—Wherever You Are

World Radio History

STEREO-MATE® HEADSETS AND RECEIVERS

Revolving Credit Available
See Page 3

Micro FM Stereo Headset

Available Nov. 15, 1986

NEW FOR 87

29⁹⁵

Fold-Up Design



- Folds to Fit in Pocket or Purse
- Weighs Only 2 1/3 oz. With Batteries

Enjoy hands-free listening with rich dual-speaker stereo sound. Built-in FM-AFC and antenna. Side-mounted rotary volume control, venier tuning for easy and precise station selection. Two-way folding adjustable headband. Jack for external FM antenna. Requires 2 "AAA" batteries. 12-129 29.95

AM/FM Stereo Headset Radio

NEW FOR 87

37⁹⁵

Adjustable Headband



- Lightweight and Comfortable
- Soft, Foam-Padded Ear Cushions

Great personal listening! Weighs only 6 1/5 oz. with batteries installed. FM-AFC for drift-free listening, easy-to-use side-mounted tuning, volume and balance controls. Built-in AM loopstick antenna and FM wire loop antenna for best reception possible on all stations. Requires 2 "AAA" batteries. 12-125 37.95

AM/FM Stereo Micro Headset

NEW FOR 87

39⁹⁵

Ultra-Compact Design



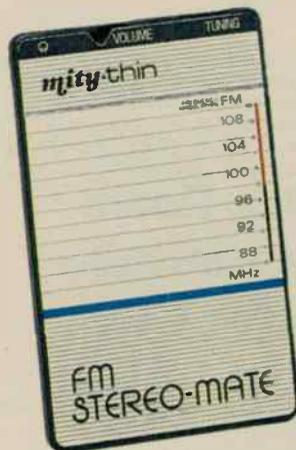
Available Oct. 15, 1986

- Weighs Only 2 1/4 oz. With Battery
- Rotary Volume and Tone Controls

Ideal for listening to the play-by-play at the game or relaxing at home. Lightweight and streamlined yet delivers full stereo sound. Built-in AFC-FM, rotary balance control, sliding AM/FM selector. Adjustable headband with foam earcushions for maximum comfort. Built-in antennas. Requires "AAA" battery. 12-128 39.95

Realistic® Pocket-Size Personal Stereo Receivers

Credit-Card Size FM Stereo Receiver



NEW FOR 87

44⁹⁵

Battery Charger Included!



Available Nov. 15, 1986

Built-In Long-Life Rechargeable Nickel-Cadmium Batteries

Mity-Thin STEREO-MATE. Big stereo sound in a little package—only 1/8" thin! So small you hardly know it's in your pocket! And you can recharge the batteries over and over again. Built-in AFC-FM. Requires 1/8"-plug headphones. 3 2/5 x 2 1/8 x 1/8". 12-130 44.95

Our AM/FM STEREO-MATE Personal Receivers

19⁹⁵



NEW LOW PRICE!

24⁹⁵

Was \$34.95
In 1986
Catalog

NEW FOR 87

31⁹⁵



Ultra-Thin Design Makes Them Ultra-Portable

A value-priced personal listening package. Super-thin receiver complete with lightweight stereo headphones. Handy left/right slide volume controls. FM stereo LED. Only 4 x 2 1/2 x 1/2". Requires 2 "AAA" batteries. 12-123 19.95
Super performance! Built-in AFC. Removable belt clip. Stereo/mono switch. 4 1/8 x 2 1/4 x 9/16". Requires 2 "AAA" batteries and headphones. 12-120 24.95
Built-in 3-band equalizer to customize the sound to your liking. FM stereo LED. Belt clip. 4 1/4 x 2 3/8 x 5/8". Requires 2 "AAA" batteries and headphones. 12-126 31.95

Stereo Headphones



Low As 4⁹⁵

See pages 32-33 for our complete selection.

STEREO-MATE Receivers 12-130, 12-120 and 12-126 Have 1/8" Jacks for Adding the Lightweight Headphones of Your Choice

AM/FM RADIOS FOR ENTERTAINMENT TO GO

Our Best High-Performance Portable

NEW LOW PRICE!

59⁹⁵

Was \$69.95 in 1986 Catalog

Full 1-Watt Power

Big 5 1/4" speaker and 1-watt power for remarkable sound! Separate bass and treble controls, loudness switch for enhanced bass at low volume, AFC-FM. Fold-down handle. 11 5/8 x 12 1/4 x 4". With earphone. UL listed AC (or 6 "D" batteries, extra). 12-650 59.95



Tuned RF Amplifier Pulls In Weak or Distant Stations

Amazing Stereo-Wide® Portable

49⁹⁵

Stereo-Wide Expands Depth And Separation

Enhanced Realism From Twin 3 1/2" Speakers



Realistic Concertmate®. A full-size portable that has tone control, dual slide-action volume controls, built-in AFC-FM, LED FM indicator and mono/stereo/Stereo-Wide selector. Telescoping antenna. 1/8" headphone jack. 7 1/2 x 12 3/4 x 3". UL listed AC (or 4 "C" batteries, extra). 12-706 49.95

Full Size, Budget Price



24⁹⁵

Excellent Sound Quality

For the money, you won't find a better full-size portable than this one! Features high/low tone switch, AFC on FM, and rich-sounding 3" speaker. Telescoping FM antenna. Earphone included. 7 3/16 x 8 7/8 x 2 1/2". UL listed AC (or 4 "C" batteries, extra). 12-716 24.95

Deluxe Full-Size



29⁹⁵

Built-In AFC Cuts FM Drift

Wide-range 3 1/2" speaker, hi/low tone switch. Swiveling/telescoping FM antenna. Earphone jack. 8 1/4 x 9 7/16 x 2 3/4". UL listed AC (or 4 "C" batteries, extra). 12-717 29.95

High-Performance Portable



39⁹⁵

Feature Packed

Great Sound On-The-Go

AFC keeps strong FM stations locked in, switches "out" to receive weak stations adjacent to strong ones. Has 4" speaker, tone control, fold-down handle, earphone jack. 7 1/4 x 10 1/2 x 2 7/8". UL listed AC (or 4 "C" batteries, extra). 12-625 39.95

Handsome, Affordable AM/FM Table Radios for Any Room

Institutional Design

39⁹⁵

No Speaker—Uses Any 1/4" Headphone



Realistic MTA-14. Personal listening at its best. Tone control, dial light, tamperproof enclosure. Terminals for external FM antenna. Walnut vinyl. 6 x 6 1/4 x 4 3/4". UL listed AC. 12-691 39.95

Full-Feature AM/FM Table Radio

NEW FOR 87

39⁹⁵

Acoustically Sealed 5" Speaker Delivers Room-Filling Sound

Available Oct. 15, 1986



Realistic MTA-12. Sounds a lot bigger than it is! Features tone control, illuminated slide-rule dial, built-in antennas, terminals, for external FM antenna. Walnut vinyl finish. 7 1/16 x 12 1/4 x 4 3/8". UL listed AC. 12-693 39.95



For Personal Listening In Hospitals, Nursing Homes, Institutions

Prices Apply at Participating Radio Shack Stores and Dealers

World Radio History

SPECIAL-FEATURE AM/FM CLOCK RADIOS

• Revolving Credit Available
See Page 3

KitchenMate™ Under-Cabinet AM/FM Digital Clock Radio

NEW FOR 87 **59⁹⁵**



- It's a Radio, a Clock And an Appliance Timer
- Reduces Counter Clutter For More Work Space
- Easy-to-Clean Touchpad Controls

Realistic KitchenMate 100. The kitchen appliance of the future is here today! There's a built-in 3-way programmable timed outlet that turns appliances on and off at preset times. Use the 1-hour, 59-minute countdown timer for those recipes that require precise cooking times. The appliance outlet is rated 600 watts for TVs or lamps and 1650 watts for all other appliances. Radio has a 0.6" LED display, big 5" speaker, AFC-FM, full-range tone control, slide-rule dial and convenient fast/slow, forward/reverse time setting. Heavy-duty AC cord has its own wrap to avoid clutter. Includes all mounting hardware. 27¹/₈ x 11 x 8³/₄". UL listed AC. 12-1558 **59.95**



Programmable Timed AC Outlet



Easy Undercounter Mounting

AM/FM Stereo Clock Radios With Built-In Cassette Recorders

Popular 4-Way Waker-Upper



79⁹⁵

- Wake to Tape, AM, FM or Alarm
- Records Directly Off-the-Air or "Live" When You Add Mikes

Realistic Chronosette™-247. Features twin 3" speakers, end-of-tape auto-stop, feather-touch controls, one-key mono recording and front loading. In alarm mode, tape will play for 59 minutes before turning off automatically. Clock has bright 0.6" LED display with p.m. and wake indicators. Snooze/sleep functions. Battery Backup*/Battery Sentinel® LED. 1/8" mike jacks. Simulated walnut. 4³/₁₆ x 13¹/₂ x 6⁵/₁₆". UL listed AC. 12-1554 **79.95**

Our Best! Stereo-Wide® Adds Realism



99⁹⁵

Low As \$20
Per Month*

- Stereo-Wide Expands Stereo "Image"
- Wake to Your Choice of Cassette Stereo, FM Stereo, AM Radio or Alarm

Realistic Chronosette-237. Twin 4" speakers deliver outstanding stereo sound. Sleep switch lets you record up to 1 hour/59 minutes when you're away and then shuts off automatically. Cassette records directly off-the-air, and has end-of-tape auto-stop, pause, counter and auto-level recording. Aux input for adding a record changer with ceramic cartridge. Has 0.6" LED display with hi/lo brightness, lighted dial, fast-forward/fast-reverse buttons for easy time/alarm setting. Battery Backup*/Battery Sentinel LED. Two 1/8" mike jacks. Simulated walnut. 6 x 12¹/₂ x 6¹/₂". UL listed AC. 12-1543 **99.95**

*Battery Backup System Requires 9V Battery #23-583, Not Included

World Radio History

AM/FM CLOCK RADIOS—OUR BEST VALUES EVER



(1)

NEW FOR 87

Available Oct. 30, 1985



Space Saver! Clock Radio And Built-In Pushbutton Telephone

49⁹⁵

NEW FOR 87

Switchable Pulse/Tone* Dialing *See page 143

(1) **Realistic Chronofone*-255.** Combines a deluxe digital clock radio and full-featured phone that works on any line. Radio mutes automatically when phone is used or can be set to continue playing. Wakes with AM, FM or buzzer. Hour and minute pushbuttons make it easy to set time and alarm exactly. Snooze control gives you a few extra minutes of sleep, then repeats alarm. Sleep control lets you go to sleep with music—radio plays up to one hour/59 minutes and shuts off automatically. Phone has ringer on/off switch, one-touch redial of last number called, detachable handset cord, 7-ft. modular cord. 0.6" LED time display, hi/lo dimmer, on-top speaker, 1/8" earphone jack. 3 1/2 x 7 15/16 x 8" with phone. UL listed AC. Phone FCC registered. 12-1562 49.95

Dual Alarms, Large Display

44⁹⁵

Two Alarms! Ideal for Couples or Setting for Weekday and Weekend

(2) **Chronomatic*-244.** Big 0.9" LED clock is easy to read from across a room. Has on-top snooze, 59-minute sleep control plus fast/slow and forward/reverse buttons for easy setting. Separate LED "on" indicator for each alarm. hi/lo dimmer, 3" speaker, 1/8" earphone jack. 3 x 10 1/2 x 5 1/2". UL listed AC. 12-1551 44.95

Dual Alarms, Compact Styling

39⁹⁵

- Two Separate Wake-Up Times
- Easy to Set Time and Alarm

(3) **Chronomatic-243.** Space saver with the most-wanted features. Fast/slow and forward/reverse buttons for fast setting. 59-minute sleep control, snooze control. 0.6" LED time display, hi/lo dimmer, separate LED "on" indicator for each alarm, 3" speaker, 1/8" earphone jack. 2 1/2 x 9 1/2 x 5 3/8". UL listed AC. 12-1550 39.95

Lowest Priced Dual-Alarm

34⁹⁵

Fast/Slow and Forward/Reverse Controls for Easy Setting

(4) **Chronomatic-248.** Dual alarms make it ideal for couples, or for setting different wake times for workdays and days off. Has snooze control, one hour/59-minute sleep control, LED "on" indicator for each alarm, 0.6" LED time display, hi/lo dimmer, 3" speaker, 1/8" earphone jack. 2 1/2 x 8 5/8 x 5". UL listed AC. 12-1555 34.95

Latest Styling, Bargain Price

24⁹⁵

NEW FOR 87

AM, FM or "Beep" Alarm With Adjustable Volume

(5) **Chronomatic-252.** High style and what a value! Even our lowest priced model has easy-to-reach on-top controls for hour and minute setting, volume, snooze and one hour/59-minute sleep mode. Brightness control has a time-set position to prevent accidental resetting. 0.6" LED time display, lighted dial, AM indicator, 3" speaker, 1/8" earphone jack. Deluxe woodgrain cabinet with beveled front. 2 5/8 x 10 x 6 1/8". UL listed AC. 12-1560 24.95

Available Oct. 15, 1986

Use our ENERCELL® Extra-Life 9V Battery #23-583 (not included) for Best Battery Backup/Sentinel Operation

WITH BATTERY BACKUP/BATTERY SENTINEL®

Revolving Credit Available
See Page 3



Battery Backup if AC Power Fails

If AC power fails, backup system keeps clock running up to 8 hours (without display) and sounds alarm or radio at the time you've set. Battery backup also lets you move the radio to another room without having to reset the time or alarm.

Plus Our Exclusive Battery Sentinel®

A special circuit automatically tests the backup battery once each day. The front-panel Sentinel LED warns you if the battery is weak or not installed. All Realistic clock radios on these two pages have these important extras to help you stay on time.



Fluorescent With Dual Alarms

Fast/Slow and Forward/Reverse Controls for Easy Setting **47⁹⁵**

(1) **Chronomatic-245.** Dependable value-packed model with a 0.6" fluorescent display that's easy on the eyes. Wakes with AM, FM or buzzer alarm. Features dual alarm settings for two independent wake-up times, sleep control for listening up to 59 minutes before radio shuts off automatically. Also has snooze control for extra sleep time, hi/lo display dimmer control, separate LED "on" indicator for each alarm, lighted dial, 3" speaker, 1/8" earphone jack. 3 x 10 1/2 x 5 1/2". UL listed AC. 12-1552 47.95

Compact Size, Dual Alarms

LEDs Indicate AM/PM Time And "On" for Both Alarms **41⁹⁵**

(2) **Chronomatic-249.** You'll rise 'n shine on time every day with AM, FM or buzzer alarm. Dual alarms let you set two different wake times. Fast/slow and forward/reverse controls make setting easy and exact. Snooze gives you extra sleep time and then repeats alarm. Sleep control lets you drift off to music—the radio plays up to 1 hour and 59 minutes and shuts off automatically. Also features 0.6" fluorescent display with hi/lo dimmer, lighted dial, 3" speaker, 1/8" earphone jack. 2 1/2 x 9 1/2 x 5 1/2". UL listed AC. 12-1556 41.95

Lowest Priced Fluorescent

AM, FM or "Beep" Alarm With Adjustable Volume **NEW FOR 87 27⁹⁵**

(3) **Chronomatic-253.** Easy to use, styled like tomorrow, priced like yesterday! Has convenient on-top controls for alarm "on", hour and minute setting, AM/FM selection, volume, snooze and one hour/59-minute sleep mode. Side-mounted display brightness control has a time-set position to prevent accidental resetting. 3" speaker, 0.6" fluorescent display, lighted dial, AM time indicator, 1/8" earphone jack. Deluxe beveled-front woodgrain cabinet for a really stylish look. 2 5/8 x 10 x 6 1/8". UL listed AC. 12-1561 27.95

AM/FM Stereo, Dual Alarms

■ On-Top 3" Speakers ■ Stereo Headphone Jack **NEW FOR 87 49⁹⁵**

(4) **Chronomatic-251.** Start the day with your choice of AM radio, buzzer alarm or FM-stereo music. Features dual alarms for setting different wake times, fast/slow and forward/reverse controls for easy setting, on-top slide-action volume controls, 0.6" LED display, separate "on" indicators for each alarm. Sleep control lets you listen up to 59 minutes and shuts off radio automatically. Snooze control gives you a few minutes extra sleep time before repeating alarm. Also has 1/8" jack for private listening with stereo headphones, 300-ohm antenna terminals for best FM reception. 2 5/8 x 10 7/8 x 3 1/2". UL listed AC. 12-1559 49.95



Available Oct 15, 1986

All Realistic Clock Radios Feature Impact-Resistant Molded Cases and Have Built-In AM/FM Antennas

HEAR THE ACTION ON REALISTIC® SCANNERS

Action-Packed Listening! 20-Channel 8-Band Programmable Scanner



NEW FOR 87

159⁹⁵

Low As \$20
Per Month*

ESP Available

- Hear Police, Fire, Railway, Weather, Ambulance, Ham Radio and Others
- No Crystals Required

U.S. Pat. No. 3,794,925.

Realistic PRO-2011. Scans continuously and automatically locks on to active channels, then resumes scanning when conversation ends. Direct access to over 22,000 frequencies. Features two-second scan delay to catch return calls, a lock-out key for temporarily bypassing channels and squelch control for noise-free monitoring. PLL increases frequency accuracy and eliminates

the need for additional crystals. Covers VHF-Lo 30-50 MHz, Ham 50-54 MHz, Government 138-144 MHz, Ham 144-148 MHz, VHF-Hi 148-174 MHz, Ham/Government 380-450 MHz, UHF-Lo 450-470 MHz, and UHF-Hi 470-512 MHz. LCD display, built-in speaker. Telescoping antenna, jacks for external antenna and headphone. 2 x 9⁵/₁₆ x 7". UL listed AC. 20-118 159.95

20-Channel Direct-Entry System—As Easy to Tune As Dialing a Phone



NEW FOR 87

199⁹⁵

Low As \$20
Per Month*

ESP Available

No Crystals Needed
To Tune in Action
On Over 23,000
Frequencies

U.S. Pat. Nos. 3,794,925, 3,801,914, 4,245,348

Realistic PRO-2010. Brings the action to you! Features direct keyboard entry to hear police, fire, trains, Hams, weather and much more! Has automatic scan and features fast/slow search to find new channels and memory to store your favorites. Features two-second scan delay, channel lockout function with built-in skipper circuit, squelch control, built-in speaker, and fluorescent frequency/channel display. Priority function automatically switches to your

favorite channel when a call is received on it. Covers VHF-Lo 30-50 MHz, Ham 50-54 MHz, VHF-Air 108-136 MHz(AM), Government 138-144 MHz, Ham 144-148 MHz, VHF-Hi 148-174 MHz, Ham/Government 380-450 MHz, UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Telescoping antenna, jacks for external antenna and headphones. 2³/₈ x 10¹/₂ x 7¹/₂". UL listed AC 20-114 199.95

Radio Shack—66 Years of Value, Service and Reliability

HOME/CAR* PROGRAMMABLE SCANNERS

*Revolving Credit Available
See Page 3

Finest Ever! 300 Channels for the Excitement of All-Band Listening

NEW FOR 87

399⁹⁵

Low As \$20
Per Month*

ESP Available

- Direct Keyboard Entry of Over 200,000 Frequencies
- No Crystals Needed
- Hear Public Service As Well as Standard FM Broadcasts



U.S. Pat. Nos. 3,794,925, 3,801,914, 4,245,348

Available Nov. 30, 1986

Realistic® PRO-2004. The ultimate scanner! Delivers a wide range of frequencies not found on most scanners, even military bands and CB! Search mode finds new channels, memory stores the ones you like most for instant recall. Accurate Zeromatic® tuning, selectable scan and search speeds, scan delay, channel lockouts, priority function and squelch control. Continuous

tuning from 25-520 MHz and 760-1300 MHz. 300 channels for storing frequencies. Large LCD channel/frequency display, built-in speaker, telescoping antenna. Jacks for external antenna, headphone, external speaker, tape recorder and DC adapter. 2¹³/₁₆ x 10¹¹/₁₆ x 8¹¹/₁₆". UL listed AC (or 12VDC power cord, extra). 20-119 399.95

Value Priced! 200-Channel Full-Featured Direct-Entry Scanner

NEW FOR 87

299⁹⁵

Low As \$20
Per Month*

ESP Available

- Hear Ham, Public Services, Aircraft And Much More
- No crystals needed!
- Direct Access to Over 23,000 Frequencies



U.S. Pat. Nos. 3,794,925, 3,801,914, 4,245,348

Realistic PRO-2021. Get superior performance with the very latest in solid-state technology. Features direct keyboard entry, search and scan in two speeds, two-second scan delay so you won't miss return calls, priority circuit and individual lockouts for temporarily bypassing channels. Scan up to 200 channels in these bands: VHF-Lo 30-50 MHz, Ham 50-54 MHz, VHF-Air 108-136 MHz, Government 138-144 MHz, Ham 144-148 MHz, VHF-Hi 148-174 MHz,

Ham/Government 380-450 MHz, UHF-Lo 450-470 MHz, and UHF-Hi 470-512 MHz. Easy-to-read LCD channel/frequency display, squelch control and built-in speaker. Jacks for external speaker, external antenna and tape recorder. 3¹/₈ x 10¹/₄ x 8". Includes mounting bracket for mobile use. UL listed AC (or DC adapter, extra). Memory backup requires 9V battery. 20-113 299.95

*Mobile Use of Scanners May be Unlawful in Some Areas or Require a Permit—Check With Local Authorities

89

PORTABLE* PROGRAMMABLE SCANNER RADIOS

Compact 10-Channel Scanner With Direct Keyboard Access to 22,563 Frequencies



U.S. Pat. No. 3,794,925

199⁹⁵

Low As \$20
Per Month*

**NEW LOW
PRICE!**

Was \$219.95
in 1986
Catalog

ESP Available

- Frequency Synthesized—No Crystals to Buy
- 30-50 MHz VHF-Lo ■ 50-54 MHz Amateur
- 138-144 MHz Federal Government
- 144-148 MHz Amateur ■ 148-174 MHz VHF-Hi
- 380-450 MHz Government and Ham
- 450-470 MHz UHF-Lo ■ 470-512 MHz UHF-Hi

Realistic® PRO-31. Listen to police, fire, trains, ambulances, Hams and a whole lot more on this microprocessor-controlled scanner. It's small enough to go anywhere you do, and with direct keyboard frequency entry, you'll never have to buy crystals! Just punch in the frequency you want, then sit back and monitor the action. Scans up to 10 of your favorite channels continuously. Two-second scan delay for each channel prevents missed replies. Lockout feature lets you bypass temporarily unwanted channels. Large LCD display shows channels and frequencies being scanned, monitored or programmed, as well as the channel status. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between calls and between channels while scanning. Special circuit keeps programmed frequencies in memory while changing batteries, or during power failures while using AC. Built-in speaker, earphone jack. With flexible antenna, jack for long-range external antenna. 7³/₈ x 2¹/₁₆ x 1⁵/₈". Requires 6 "AA" batteries or AC or DC adapter. 20-132 199.95

Our Best Portable! 200 Channels & Direct Keyboard Access to 23,684 Frequencies



Monitor Police, Fire, Aircraft, Hams and Military Frequencies, Even Taxicabs
Frequency Synthesized—No Crystals to Buy

ESP Available

NEW FOR 87

299⁹⁵

Low As \$20 Per Month*

- 30-50 MHz VHF-Lo
- 50-54, 144-148 MHz Amateur
- 108-136 MHz (AM) Aviation
- 138-144 MHz Government
- 144-148 MHz Amateur
- 148-174 MHz VHF-Hi
- 380-450 MHz Government/Ham
- 450-470 MHz UHF-Lo
- 470-512 MHz UHF-Hi

U.S. Pat. Nos. 3,794,925; 3,801,914; 4,245,348



Realistic PRO-32. You'll catch all the action on this full-featured, microprocessor-controlled scanner with extended frequency coverage—all in a hand-held size. Scan up to 200 channels in 10 selectable banks or search a selected frequency range for new or unpublicized channels. You can store up to 10 in monitor memory for the equivalent of 210 channels. Two scan and search speeds. Two-second scan delay, selectable for each channel, prevents missed replies. Lockout bypasses unwanted channels. Keyboard-lock switch prevents accidental changes. Big LCD display shows channels and frequencies being scanned, monitored or programmed, plus the status of the channels. Priority function monitors your favorite frequency while you listen to others. Any channel you choose can be made the priority channel. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between calls and between channels. Built-in speaker, earphone jack for private listening. With flexible antenna, jack for long-range external antenna. 7¹/₂ x 2¹/₁₆ x 1³/₁₆". Requires 6 "AA" batteries or AC or DC adapter. Memory backup requires 3 silver-oxide batteries. 20-133 299.95

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CRYSTAL-CONTROLLED PRO SCANNERS

• Revolving Credit Available
See Page 3



U.S. Pat. No. 3,794,925

10-Channel 5-Band Tabletop Scanner For Action-Packed Listening at Home

119⁹⁵ Low As \$20
Per Month*

Five Bands
VHF-Hi/Lo
VHF-Ham
UHF-Hi/Lo

Tune In the Excitement of Police, Fire, Railway, Taxicabs,
National Weather Service Broadcasts and Many Others

Realistic PRO-55. Let the action come to you! Scans continuously and automatically locks-on to active channels, then resumes scanning when conversation ends. Features two-second scan delay to prevent missing return calls, individual channel-lockout switches for temporarily bypassing unwanted channels. Squelch control assures noise-free monitoring. Covers 30-50 MHz VHF-Lo, 144-148 MHz VHF-Ham, 148-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Has LED channel indicators, built-in speaker, telescoping antenna, jacks for headphones and external antenna. Requires one crystal for each channel (below). 2 1/2 x 10 1/2 x 7 3/4". UL listed AC. 20-124 119.95

Portable* Scanners—Action to Go

VHF-Hi/Lo
UHF/VHF
Air (AM)

149⁹⁵

Low As \$20
Per Month*

With Two Antennas
For Best Results

Telescoping-Type for
Optimum Range
Short "Rubber-Ducky"
For Close Quarters

NEW
FOR 87

VHF-Hi/Lo/UHF

99⁹⁵

Low As \$20
Per Month*

Realistic PRO-25. Automatically scans up to eight channels on five bands—30-50 MHz VHF-Lo, 118-136 MHz VHF Aircraft, 144-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Features scan-delay to catch all responses, individual channel lockout and squelch control for noise-free monitoring. Built-in speaker. Includes earphone for private listening, belt clip. Requires one crystal for each channel (below). 7 1/2 x 3 3/8 x 1 1/2". Requires 4 "AA" batteries or AC or DC adapter. 20-106 149.95

Realistic PRO-26. As above, but four channels. Covers 30-50 and 144-174 MHz VHF-Hi/Lo, 450-470 and 470-512 MHz UHF-Hi/Lo. Requires 4 "AAA" batteries. 20-107 99.95

Crystals. Specify frequency Each 4.98

120VAC Adapter/Charger. UL listed AC. 20-189 4.95

12VDC Universal Adapter. 270-1560 9.95



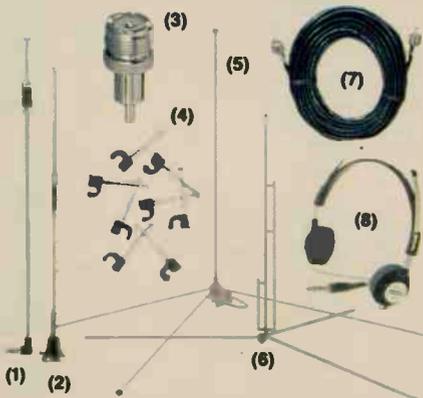
U.S. Pat. No. 3,794,925



U.S. Pat. No. 3,794,925

Antennas and Accessories for Top Performance

- (1) Indoor VHF/Air/UHF Plug-In Antenna. Center-loaded. Extends from 16" to 40". Motorola-type plug. 20-161 ... 9.95
- (2) VHF/UHF/Air Magnet-Mount Mobile Antenna. With 16-foot cable, Motorola-type plug. 20-018 26.95
- (3) Coax Adapter. Adapts PL-259 connector to Motorola-type plug. 278-208 1.79
- (4) Coax Clips. For RG58/U. 20-192 Pkg. of 10/79¢
- (5) VHF-Hi/Air/UHF Base Antenna. Accepts PL-259 connector. U-clamp mount fits masts up to 1 1/2" diameter. Cable extra (below). 20-176 14.95
- (6) VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Cable extra (below). 20-014 29.95
- (7) Coax Cable Assembly. 52-ohm cable. PL-259 connectors at both ends. 50-foot RG58/U. See page 73 for our complete selection of coax cable assemblies. 278-971 11.95
- (8) Monophonic Headset. Standard 1/4" plug. 20-210 9.95



"Police Call" Radio Guides

6⁹⁵
Each



Nine
Regional
Editions

Vol.	States Covered	Cat. No.
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042
3	Michigan, Ohio	62-1043
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045
6	District of Columbia, Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia	62-1046
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047
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Series	Description	Price	Years Coverage
13	Clarinette Music Systems	59.95	3
13	Rack Audio Systems	59.95	3
14	SCT Cassette Decks	59.95	5
14	SCR/Modulaire Portables	39.95	3
16	Video Cassette Recorders	49.95	1
16	Video Cassette Recorders	139.95	3
16	Televisions	79.95	3
17	Portable Cellular Telephones	199.95	3
20	Scanners	39.95	5
25	Computer Equipment	.	1
26	Computer Equipment	.	1
31	STA/SCR Series Receivers	59.95	5
31	Rack Audio Systems	99.95	5
32	MPA PA Amplifiers	39.95	5
42	LAB Series Turntables	39.95	5
42	CD Compact Disc Players	59.95	5
43	TAD Answering Devices	39.95	3
43	Corded Telephones	39.95	3
43	Cordless Telephones	49.95	3

* Carry-In and On-Site ESPs are available for Tandy/Radio Shack computer equipment. Ask your local store personnel for details. For more information and a free brochure, visit your local Radio Shack store. Ask how you can get an ESP for your next Radio Shack purchase.

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Complete System
As Low As

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Low As \$92 Per Month*

Block Downconversion Design Lets You Add More Satellite Receivers And Watch Different Programs on The Other TV Sets in Your Home



32-Key Wireless Remote

- Dish Assembles With Hand Tools ■ Preprogrammed Receiver
- Built-in Stereo Sound Decoders With Automatic Format Selection
- Built-in Automatic Dish Positioner ■ Incredibly Easy to Operate

Realistic®-2500 Home Satellite TV System. Radio Shack's easy-to-install system brings you the widest possible choice in TV programming. You'll enjoy movies and music videos with stereo sound, the ultimate in sports and news coverage, children's shows, networks, superstations and many special services. Over 100 channels are available with more to come! And, if you want to watch scrambled services, the receiver is compatible with all standard descramblers and the remote control has descrambler on/off switching.

The Realistic SR-2010 Satellite TV Receiver includes an automatic dish positioner and decoders for all three satellite stereo formats in one attractive cabinet. It's factory programmed with the correct audio frequencies, stereo modes and polarities of the existing satellite channels. Adding new channels to the memory is simple. The receiver also has DNR¹ Dynamic Noise Reduction for superb sound quality and audio tuning controls so you can receive the "hidden" subcarrier FM audio services. The wireless remote allows you to select satellites and channels, steer the dish manually, adjust or mute the sound, switch to broadcast/cable TV and engage the parental "lock" feature without leaving your chair.

People just like you have already installed this system—special equipment and technical skills are not required! The complete packages include a site-survey kit, illustrated instructions, a "how-to" video tape and personalized dish alignment data for your location. The supplied 125-ft. lead-in cable is direct buriable and has plug-in connectors for mistake-proof hookup. And, unlike many others, this system uses UL listed components to assure electrical safety. Visit our location near you and discover for yourself why Radio Shack Satellite TV is your best buy!

Complete 8 1/2-Ft. Dish System 1995.00
Complete 10 1/2-Ft. Dish System 2295.00

These components are available separately for upgrading existing systems:
Realistic SR-2010 HSTV Receiver. 16-2501 599.95
8 1/2-Ft. Dish Antenna. 16-2502 1299.95
10 1/2-Ft. Dish Antenna. 16-2506 1599.95
80° LNB. 16-2503 229.95 HSTV Feedhorn. 16-2504 99.95

Now Available With Your Choice of 8 1/2-Foot or New 10 1/2-Foot Dish

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- Built-in Mast Level ■ Low-Cost Re-Installation if You Move



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Advanced 80° LNB



125-Ft. Plug-in Cable



Precision Gear-Drive



Hi-Efficiency Feedhorn



Weatherized Housing

Prices Apply at Participating Radio Shack Stores and Dealers / †TM, National Semiconductor Corp.

SATELLITE TV AND VIDEO ACCESSORIES

*Revolving Credit Available
See Page 3

Automatic Dual LNB Switch



For "Dual-Feed" Satellite TV Systems With Multiple Receivers

NEW FOR 87

49⁹⁵

When used with block downconversion systems and multiple receivers, this accessory lets each receiver independently select from all the available channels on each satellite—horizontally and vertically polarized. Selection of satellites remains at the main receiver. Can also be used for C/Ku-band switching. 1¹/₁₆ x 4⁵/₈ x 3⁹/₁₆". Includes UL listed AC power supply and hookup instructions. 15-2001 49.95

Satellite Dish Security Alarm



NEW FOR 87

29⁹⁵

Battery Backup If AC Power Fails

Loud built-in buzzer provides an immediate warning if the cable to your dish antenna is cut or disconnected. Also has normally closed terminals for easy connection to a home security system. Compatible with virtually all satellite TV systems and simple to install—connects indoors at the satellite receiver. 1⁵/₁₆ x 6¹/₁₆ x 3⁷/₈". UL listed AC. Backup system requires 9V battery. 49-441 29.95

Inline Coax Amplifier



NEW FOR 87

29⁹⁵

20 dB Boost Compensates For Signal Loss Caused By Splitters and Long Cable Runs

Boosts signals in the 430 to 1430 MHz band—ideal for use in satellite TV systems or with UHF-TV and scanner radio antennas. "Bullet" amplifier with 75-ohm connectors installs inline or near antenna. Power injector can be placed where convenient. Includes DC-block module and hookup instructions. UL listed AC. 15-1115 29.95

Low-Cost TV RF Modulator

24⁹⁵

- Converts Line-Level Video and Audio to VHF Channel 3 or 4
- Lets You Use Standard TV Set as a Monitor



Converts line-level (baseband) signals from a satellite TV receiver, portable VCR, computer or video camera to VHF for reception on a standard TV. 1k/75-ohm video input selector matches most equipment. RCA-type phono jacks for video and audio input. 75-ohm "F" connector for output to TV. FCC registered. 1¹/₂ x 3⁹/₁₆ x 4³/₄". UL listed AC. 15-1273 24.95

Remote Control Extender System



49⁹⁵

Operate Remote-Control Equipment From Another Room

Really saves steps! Sends the commands from any infrared remote control through ordinary coax cable. Here's an example of how you can use it: Your remote-control satellite-TV receiver, VCR or cable converter box is in the living room. It's connected to a second TV in the bedroom. With the Extender, you don't have to leave the bedroom to change channels or select VCR modes. 1³/₁₆ x 4¹/₈ x 3". UL listed AC. 15-1289 49.95

Multiple Video Distribution System



49⁹⁵

Watch Your VCR on Every TV in Your Home—Without Moving It From Room to Room

Send 4 different program sources to all your TVs at once—watch a tape, disc, satellite or regular TV on any set, anytime! Using only one VCR, you can send video tape signals to every TV, in any part of your home—watch movies in the living room, music videos in the den or exercise tapes in the bedroom. 2¹/₂ x 7 x 6⁵/₈". UL listed AC. 15-1284 49.95

NOW ARCHER ANTENNAS ARE EVEN BETTER

ARCHER® HIGH-DEFINITION/STEREO-CERTIFIED

Color Supreme Plus

THREE ANTENNAS IN ONE! ■ VHF ■ UHF ■ FM

VU-190
89⁹⁷

VU-160
69⁹⁷

VU-120
56⁹⁷

VU-110
43⁹⁷

VU-90
35⁹⁷

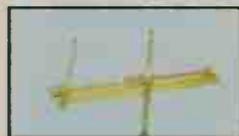
VU-75
26⁹⁷

VU-60
17⁹⁷

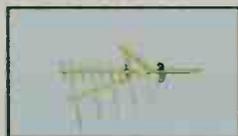
\$3.99
Value



Signal Splitter Included! Separates VHF-UHF-FM Outputs, Only One Down-Lead Required



High Tensile-Strength Aluminum for Long Life



UHF Yagi and Corner Reflector Combination



Strong Square Boom With "No-Tilt" Clamp



Snap-Out Brackets For Easy Installation



Air-Insulated Multiple Drive System



Heavy-Duty, High-Impact Molded Insulation

- 60° "Swept-Design" VHF Elements Aid Signal Pickup/Transfer
- Gold-Alodized Finish Fights Corrosion and Weathering
- Withstand Strong Winds and Icing Conditions
- Fully Preassembled—Easy to Install It Yourself and Save

There's a Color Supreme Plus Just Right For Your TV and FM Reception Area

The best just got better! Replace your worn-out antenna with one of our new High-Definition/Stereo-Certified Color Supreme Plus antennas. High-Definition means you get performance that matches the improved picture resolution of the newer TVs now available. Stereo-Certified means you will get the best possible sound from all the TV stations now broadcasting in stereo and the many more to come. Of course, you'll also get superior FM stereo. Wide-swept elements capture maximum signals (channels 2-83) in any reception area. Made in our own U.S.A. factory to high-quality standards. Preassembled for easy installation.

Archer Model	Range in Miles*			Boom Length	No. of Elements	Cat. No.
	VHF	UHF	FM			
VU-190	190	120	100	160"	48	15-1646
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640

*Estimated Ranges, Based on Reception Over Flat and Open Terrain—Masts Not Included

ARCHER® FOR VISIBLY BETTER PICTURES

Revolving Credit Available
See Page 3

Aim Your Antenna for the Best Reception



59⁹⁵ Maximizes TV/FM Signal Strength

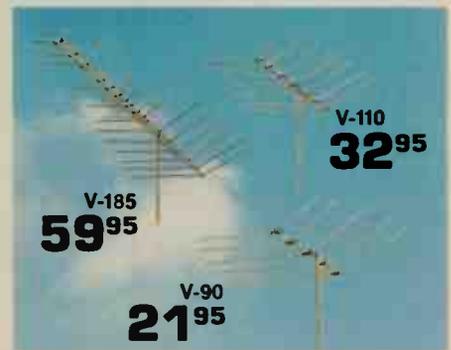
Archerotor®. Remote control precision aims your antenna for strongest, clearest signal from every station within range. Minimizes ghosts, interference. Picks up signals from every direction. Indicator on remote control shows antenna direction. Fits 1 1/4" to 1 3/4" dia. masts. UL listed AC. Requires 3-conductor cable below. 15-1225 59.95

Rotator Cable

No. of Cond.	Feet	Cat. No.	Per Roll
3	50	15-1149	4.49
3	100	15-1150	7.79
5	100	15-1201	9.95

For the Finest VHF-TV and FM Reception

Tuned for VHF-TV and FM only, these antennas offer outstanding reception and value! Air-insulated, multiple-drive system and 60° "Swept-Wing" design improve signal pickup. Preassembled with snap-open, self-locking elements. Rust-proof lead-in terminals.



V-185
59⁹⁵

V-110
32⁹⁵

V-90
21⁹⁵

Archer Model	Range in Miles*		Boom Length	No. of Elements	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651

Especially Engineered for UHF-TV

- Gold-Alodized Protective Finish
- Preassembled—Simply Snap Open

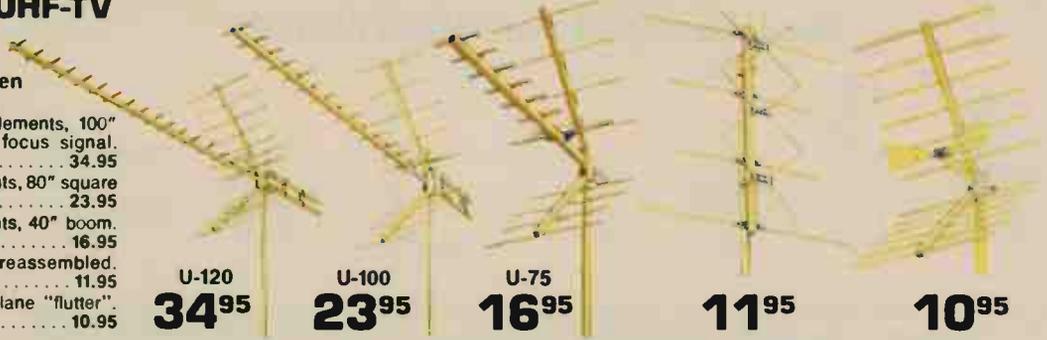
U-120 Corner Yagi—Up to 120 Miles*. 33 elements, 100" square boom. 60° "Swept-Wing" reflectors focus signal. 15-1562 34.95

U-100 Corner Yagi—Up to 100 Miles*. 25 elements, 80" square boom. "Swept-Wing" design. 15-1661 23.95

U-75 Corner Yagi—Up to 75 Miles*. 16 elements, 40" boom. "Swept-Wing" design. 15-1660 16.95

Multi-Bay—Up to 70 Miles*. 30" boom. Preassembled. 15-1627 11.95

Corner-Reflector—Up to 50 Miles*. Cuts airplane "flutter". "Swept-Wing" design. 15-1629 10.95



U-120
34⁹⁵

U-100
23⁹⁵

U-75
16⁹⁵

11⁹⁵

10⁹⁵

Amplified TV/FM Antenna for Indoors or Out **49⁹⁵**



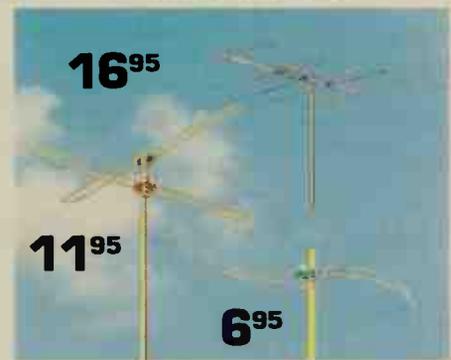
Compact! Ideal for Attic, RV, Van or Even Rooftop

Get Crystal Clear TV Even In Difficult Reception Areas

Built-in preamp helps clean up weak signals and snow by boosting UHF gain up to 25 dB and VHF up to 20 dB. Pulls in stations up to 90 miles away*. With mounting hardware, VHF/UHF signal splitter. UL listed AC (or DC adapter, extra). 15-1611 49.95
DC Adapter. 270-1534 4.99

Antennas for The Best in FM And FM Stereo **16⁹⁵**

Triple-Drive 6-Element Directional—Up to 110 Miles*. High gain. Gold-alodized finish, preassembled. 15-1636 16.95
Omnidirectional Outdoor—Up to 50 Miles*. Gold-alodized and preassembled. 15-1639 11.95
Omnidirectional Attic/Outdoor—Up to 35 Miles*. Gold-alodized, preassembled. 15-546 6.95



16⁹⁵

11⁹⁵

6⁹⁵

Complete TV/FM Mobile Antenna Kit **28⁹⁵**

- No Extras to Buy
- Folds Flat for Travel
- Sets Up Quickly, Easily

Perfect for boats, motorhomes and trailers. Rugged 40" boom and strong snap-out elements resist high winds and corrosion. One lead-in for all channels. Wall-thru insulator seals out weather. 15-1613 28.95

*Estimated Ranges, Based on Reception Over Flat and Open Terrain—Masts Not Included

Car/Van/Truck VHF-TV Antenna **29⁹⁵**

29⁹⁵

- Heavy-Duty Chrome-Plated Dipole
- Mounts on Window or Gutter



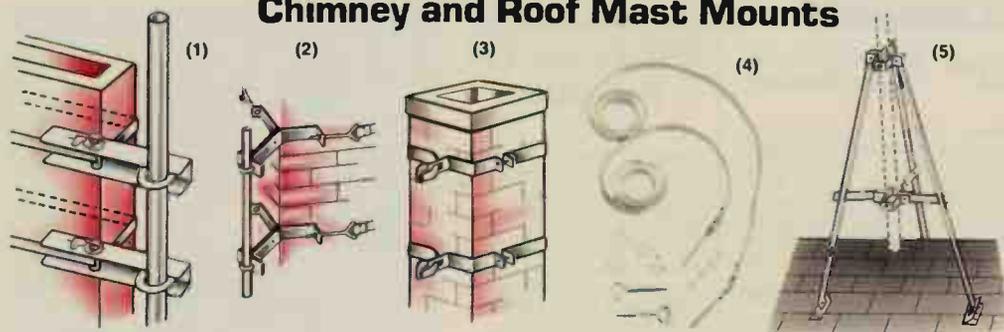
Enjoy your favorite TV shows while traveling in car, limo, truck or van. Clear reception of channels 2 to 13—Chrome-plated dipole outperforms built-in antennas of TV portables. Easy and quick to install. 15-1610 .. 29.95



25 Ft. Lead-In, Signal Splitter, Wall-Thru, 50" Mast, Mtg. Bracket

THE SHACK® IS YOUR ANTENNA HEADQUARTERS

Chimney and Roof Mast Mounts



(1) **Chimney Ratchet Mount.** Fastens 1" to 1 3/4" mast. Two stainless steel straps, each 3/4" x 18 ft. 15-839 12.95

(2) **Corner Mounts.** Two Y-mounts fasten mast with 5/8" x 10-ft. galvanized straps. 15-527, 8.95

(3) **"Z" Chimney Mounts.** Secures mast to chimney. Set of two, each with 5/8" x 10 ft. galvanized steel strap. 15-476 7.95

(4) **Strap Kit.** Two 25-ft. stainless steel straps for replacement or add-on use. 15-801 9.95

(5) **3-Ft. Tripod Mount.** Great for areas with frequent high winds. Fits slope of most roofs. Fully pre-assembled. Accepts mast up to 1 3/4" dia. 15-516 14.95
5-Foot Heavy-Duty Tripod. 15-517 23.95

Roof, Vent and Wall Mast Mounts



(6) **Base and Roof Mount.** Mast locks into exclusive U-bolt. Swivel base fits slope of virtually any roof. Heavy-gauge steel construction. 15-889 5.95

(7) **Vent Pipe Mount.** Attach brackets to vent pipe, then clamp mast in place. An alternative to chimney mounting, where possible. Attaches to 2" to 5" vents. 15-893 3.99

(8) **Mast Anchor (Universal Mount).** For up to 1 1/2"-dia. masts. Must be guyed for roof and window mounts. 15-888 1.69

(9) **12" Wall Mounts.** Secures up to 1 1/2"-dia. 12" away from wall. 15-885 Pair 7.95

(10) **4" Wall Mounts.** 15-883 Pair 2.99

(11) **Eave Mount for Hanging Rafters or Trim Boards.** Install your antenna without drilling through brick or masonry! Fits medium-pitched roofs. For masts up to 1 1/2" diameter. 15-891 8.99

(12) **6" Heavy-Duty Wall Mounts.** Holds up to 2 1/2" mast 6" out from wall. Heavy-gauge. 15-890 8.99

Guy Wire and Hardware

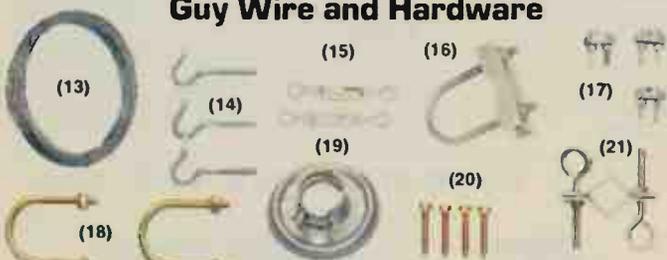


Fig	Description	Cat. No.	Each
13	50-Ft. Galvanized Wire	15-030	1.19
13	100-Ft. Galvanized Wire	15-031	2.19
13	40-Ft. Plastic Coated Steel Guy Wire	15-037	2.29
14	3 Guy Wire Anchors	15-825	.69
15	2 Guy Wire Turnbuckles: 6" Dpen, 4" Closed	15-829	1.49

Fig	Description	Cat. No.	Each
16	U-Bolt and Clamp	15-826	.79
17	3 Guy Wire Clamps	15-850	.99
18	2 U-Bolts With Nuts	15-830	.79
19	1 1/4" Guy Ring & Collar	15-835	1.09
20	Set of 4 Hex Lag Bolts, 1/4 x 2 1/2" for Heavy-Duty Mounting	15-833	.69
21	Guy Wire Mast Clamp With Bolts	15-827	.89

Standoff Insulators

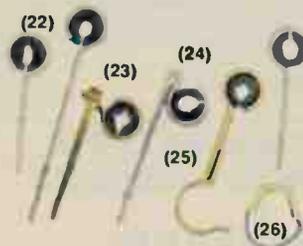


Fig	Description	Cat. No.	Each
22	4 3 1/2" Wood Screw	15-853	69
22	4 6 1/2" Wood-Screw	15-854	89
23	2 Masonry Type	15-820	79
24	2 Nail-In Type	15-821	69
25	2 Snap-Grip Type	15-822	69
26	2 Strap-On Type	15-823	69

Heavy-Duty Masts

16-Gauge Steel With Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1 1/4" dia.

5-Ft. Mast. 15-842 4.79

10-Ft. Mast. 15-843 9.49

Light-Duty Mast

5-Ft. 20-ga. steel with gold enamel finish to help resist corrosion. For attic or smaller antennas. 15-844 4.19

Telescoping Antenna Masts

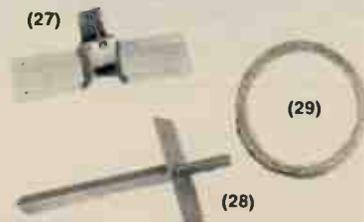
Low As

26⁹⁵

- 16 and 18-Gauge Galvanized Steel
- Interlocking Sections
- Clamp and Guy Ring for Support

Raises your antenna for stronger TV and FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts resist corrosion. Preassembled. 19-Ft. Mast. One 16-gauge, one 18-gauge section. 15-5065 26.95
36-Ft. Mast. One 16-gauge, three 18-gauge sections. 15-5067 47.95

Base and Mount

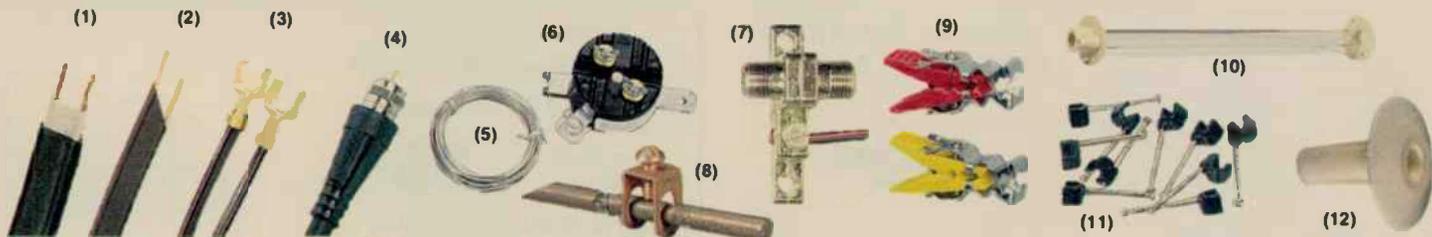


(27) **Roof Base.** Holding bolt slips through hole in universal mast base. 15-5068 6.99

(28) **Ground Mount.** "Tap-in" type for up to 36 ft. masts. 15-5069 9.95

(29) **Guy Wire.** 6-strand, 18-gauge. 100 ft., galvanized steel. 15-5070 5.95

ARCHER® ACCESSORIES BOOST TV RECEPTION



(1) VHF/UHF 300-Ohm Foam Cable. Our best, and recommended for use in weak-signal areas or where you want the finest possible performance and long-term reliability. 20-gauge copper, dense polyethylene jacket.

50 Ft. 15-1174 3.99
100 Ft. 15-1175 7.39

(2) Low-Cost Twin Lead. For TV or FM. 24-gauge, 4-mil. For indoor/attic use.

Brown Twin Lead, 40 Ft. 15-004 1.59
Clear Twin Lead, 40 Ft. 15-1158 1.59

Standard Twin Lead. 22-gauge, 7-strand. For indoor use.

50 Ft. 15-1153 2.49
100 Ft. 15-1154 4.49

(3) 8-Ft. Twin Lead Cable. Dual spade lugs attach easily from splitter to VCR or stereo. 300 ohms. 15-1532 2.19

(4) Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low-loss characteristics with interference-rejecting shielding. Use with 75 to 300-ohm matching transformers. Has F-56 connectors.

50 Ft. 15-1526 7.99
100 Ft. 15-1527 13.99

(5) Aluminum Ground Wire. Low-cost protection against static build-up. A must for all rooftop antenna installations. 40 ft. of #8 wire. Use with ground rod. 15-035 2.19

(6) Antenna Discharge Unit. Protects against static build-up. For TV and FM rooftop antennas. Solderless connection. 300 ohms. With mounting hardware. U.L. listed. 15-910 2.89

(7) Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna lead-ins. 15-909 2.19

(8) Ground Rod. Provides low-resistance path to ground for static electricity. Copper-plated, corrosion-resistant. 15-530 2.99

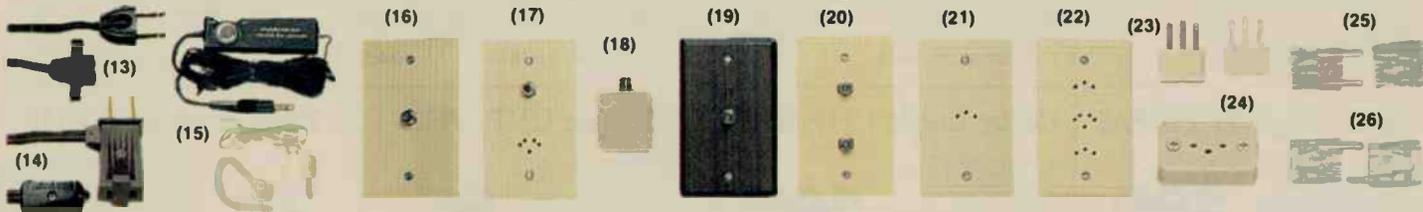
(9) TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm lead-in. Set of two. Great for service work and temporary set-ups. 15-832 99¢

(10) "Wall-Thru" Lead-In Tube. Makes it easy to run lead-ins through walls up to 13" thick. Special grommet seals out moisture and weather. 15-1200 2.19

(11) 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coax cable. For a neat, professional installation. 20-192 79¢

(12) Coax Feed-Thru Bushing. Provides neater installations and protects cables.
RG59U. 278-1643 Pk of 2/49¢
RG6U. 278-1644 Pk of 2/49¢

TV/FM Power Cords, Wall Plates, Connectors and More



(13) TV Power Cord. Standard 6-ft. AC cord. 18 gauge, 2-conductor. UL listed. 15-011 1.19

Polarized Plug TV Power Cord. As above, but with polarized AC plug. 15-012 1.19

(14) Remote On/Off Switch. 15-ft. cord. 6 amps. UL listed AC. 15-1160 3.99

(15) Private TV Listener. Remote volume control with earphone. 15-ft. cord. 15-587 3.95

(16) Wall Plate for 75-Ohm Coax. Includes mounting hardware. 15-1180 3.49

(17) Wall Plate for 75-Ohm Coax and 5-Wire Rotor. With plugs, hardware. 15-1181 4.49

(18) Baseboard Mount for 75-Ohm Coax. Includes mounting hardware. 15-1182 2.99

(19) Woodgrain Wall Plate for 75-Ohm Coax. Includes mounting hardware. 15-1183 3.69

(20) Wall Plate for Dual 75-Ohm Coax Cables. 15-1184 3.95

(21) Flush-Mount TV/Rotor Wall Plate. For one 300-ohm lead. With bracket, plugs. 15-1186 1.99
Surface-Mount. 15-1189 1.79

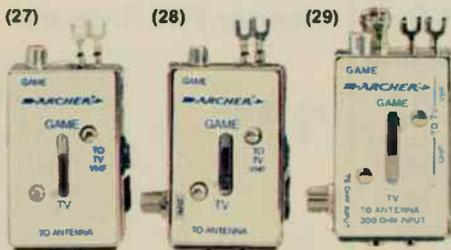
(22) Flush-Mount TV/Rotor Wall Plate. For 5-wire rotor and 2 300-ohm lead-ins. With plugs, hardware. 15-1179 2.99

(23) TV/Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 Set of 2/99¢

(24) Surface Mount Universal Socket With Mating Plug. 300 ohms. 7/8 x 1 3/4 x 9/16". 15-1192 99¢

(25) Polarized TV/FM Connectors. Prevent polarity reversal when splicing. 300 ohms. 15-1199 99¢

(26) TV/FM Plug and Socket. 300 ohms. 15-1198 99¢



(27) 300-Ohm TV Switch. Use video games/computers with your TV, without reconnecting. For 300-ohm antenna line/TV input. 15-1255 3.99

(28) 300/75-Ohm Antenna Input. 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. 15-1269 3.99

(29) 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. 15-1268 4.95

Switches for Your TV Video Games And Computer

Low As **3.99**

Add Sets or Combine Leads With Splitters and Couplers

(30) 2-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 2.29

4-Set Indoor Coupler. 15-1502 2.59

(31) 2-Set Indoor/Outdoor Coupler. Combines two antennas for one 300-ohm lead. 15-1135 3.59

4-Set Indoor/Outdoor Coupler. Combines four antenna outputs for one 300-ohm download. 15-1136 4.59

Indoor/Outdoor UHF/VHF Combiner Splitter. Combines the outputs of a UHF and VHF antenna into one download. Also splits a single download into UHF/VHF outputs indoors. 300 ohms. 15-1137, 3.95

(32) Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm download. 15-1138 3.99



Apply Today for Revolving Credit and Increase Your Buying Power—See Page 3

EXCELLENT SELECTION OF INDOOR ANTENNAS



Archer® Amplified FM Stereo Antenna

29⁹⁵

- Boosts Signal Up to 6 dB
- LED Power "On" Indicator

Dramatically improves FM stereo reception. Fine-tuning helps bring in those hard-to-get stations. Hi/lo gain switch. UL listed AC. 15-1821 29.95

Color Supreme V Amplified UHF/VHF And FM Antenna

39⁹⁵

Our Best Indoor
Up to 12 dB Amplification For High-Quality Reception

"Cleans up" TV and FM stereo signals. 12-position fine-tuning and rotary antenna knob adjust for best reception. Loop with deflector/reflector optimizes load. Normal/boost switch prevents overload. UL listed AC. 15-1830 39.95



Better UHF/VHF/FM With Color Supreme III

29⁹⁵

Phasing Control Sharpens VHF

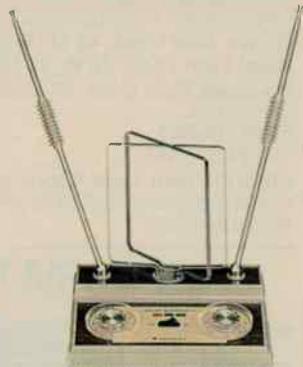
Helps clean up ghosts and snow, even in problem signal areas. 12-position fine-tuning control and dial to rotate UHF and VHF elements for clear pictures. Also improves FM stereo. 15-1824 29.95

Color Supreme II for Clear UHF/VHF/FM

24⁹⁵

Dial Controls for Tuning Without Moving the Console

Pulls in better color and B&W than built-ins. 12-position fine-tuning control for more precise signal adjustment. Dial rotates antenna. Also improves FM. 15-1816 24.95



Color Eagle II TV/FM

19⁹⁵

Phasing Switch Cuts Ghosts, Snow and FM Interference

Low-cost UHF/VHF/FM with satin-brass VHF dipoles and dual UHF loops. Color-coded leads. 15-1809 19.95



Color Eagle UHF/VHF

14⁹⁵

- Four-Section VHF Dipoles
- Dual UHF Loops

Phasing switch for extra-clear TV reception. Color-coded UHF/VHF leads for easy hook-up. 15-1810 14.95



Deluxe UHF/VHF

9⁹⁵

Multi-Position Fine-Tuning Switch for Best Reception

Greatly improves color and black-and-white pictures! Installs quickly with screwdriver. 15-1818 9.95



Standard UHF/VHF

7⁹⁵

12-Position Fine-Tuning Control

Sharpen your reception at low cost. Telescoping stainless steel dipoles. UHF loop. Easy installation. 15-628 7.95

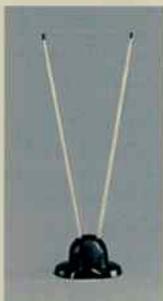


Budget VHF

3⁹⁹

Improves Picture On TV Channels 2 Through 13

Our lowest priced VHF antenna. Telescoping dipoles, anti-skid base, easy installation. 15-958 3.99



Upright UHF Twin Bow-Tie

10⁹⁵

Better Reception On TV Channels 14 to 83

Gold-colored bow-ties, brass-plated reflector grid. Vinyl feet won't mar surfaces. Easy installation. 15-623, 10.95



Back-of-Set VHF Antenna

5⁴⁹ Install It Yourself In Minutes

Mounts out-of-sight behind most TV sets. Improves reception on channels 2 through 13. Adjustable telescoping dipoles. Easy installation. 15-1804 ... 5.49



Indoor FM Antenna

11⁹⁵

Enhances FM Stereo

Stereo Supreme. Cuts FM drift and noise, pulls in those hard-to-get stations. Fine-tuning knob. 15-1822 11.95



Prices Apply at Participating Radio Shack Stores and Dealers

PROBLEM SOLVING TV, VCR & FM ACCESSORIES

Indoor 4-Set UHF/VHF/FM Amplified Couplers



29⁹⁵
Each

Switchable FM Trap Cuts Interference

Operate up to 4 TVs or FMs from one VCR, satellite receiver or antenna! Choice of 75 or 300 ohms to match your system. 14 dB gain on VHF/FM, 13 dB on UHF. With hardware. UL listed AC. 75-Ohm, 15-1123. 300-Ohm, 15-1125. Ea. 29.95

Mast-Mount TV/FM Signal Amplifier



34⁹⁵

- Boosts TV & FM Signals Even in Fringe Areas
- 75 or 300 Ohms

Amplifies signals, not interference picked up by down-lead. Resists overload on strong signals. Switchable FM trap cuts interference. Typical gain: VHF, 25 dB; UHF, 20 dB. With hardware. UL listed AC. 15-1124 34.95

Indoor FM Signal Amplifier



24⁹⁵

Boosts FM Signal for Better Stereo Sound

Dramatically improves FM reception, cuts station drift. Provides 18 dB signal gain to receive weak or distant FM stations. For 75 or 300-ohm receiver inputs. LED power-on indicator. UL listed AC. 15-1122 24.95

VCR/TV/FM Filter



3⁹⁵

Cuts CB/Ham Interference

High-pass LC (inductive-capacitive) filter installs inline at 75-ohm coaxial input of VCR, TV or FM.

15-579 3.95

Coaxial Inline FM Trap



2⁹⁵

For 75-Ohm Line

Cuts interference from strong FM stations on your TV or VCR, reduces "herringbone" pattern. 15-577 2.95

75-Ohm Variable Attenuator



4⁹⁵

Cuts Signal Overload

Reduces strong signal overload on TV/VCR. Instantly connects inline to coaxial cable. 15-578 4.95

300-Ohm Variable Attenuator



5⁹⁵

Cuts signal overload, reduces ghost images on your TV/VCR. Connects inline to 300-ohm lead. 15-1114 5.95

Replacement Loop Antenna



99¢

Adjustable For Best Reception

Replace your old worn-out UHF loop with this low-cost, reliable replacement. Installs in seconds. 15-233 99¢.

VHF Rod and UHF Bow-Tie



2⁹⁹

2¹⁹

VHF Rod. Replace your broken, bent, or missing rod to restore good VHF reception. 38" long. 15-232 2.99

UHF Bow-Tie. Snaps on existing VHF rod, connects quickly to UHF terminals for better UHF reception. 15-234, 2.19

AC Interference Filter

6⁹⁵

3-Prong AC Plug And Socket



Reduces most annoying electrical appliance interference for a cleaner picture. Great for video and computer systems. 15-1111 6.95

Interference Filters



5⁹⁵

1⁹⁹

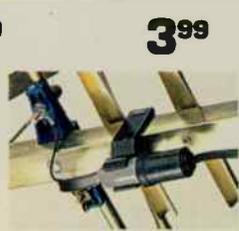
TV/FM Receiver Noise Filter. Reduces interference caused by CB or Ham radios. For 300-ohm terminals. 15-581 5.95

TV Interference Filter. Cuts appliance or neon light static. Attaches to 300-ohm terminals. 15-582 1.99

Matching Transformers



2⁷⁹

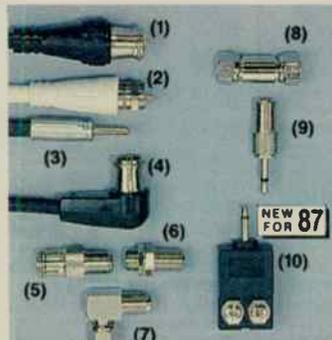


3⁹⁹

Indoor/Outdoor Matching Transformer. Matches 300-ohm antenna to 75-ohm coax downlead. Reversible. 15-1140 2.79

Antenna-Mounted Transformer. Converts 300-ohm out of antenna to match 75-ohm coax lead. Mounts with special clip, included. 15-1143 3.99

TV Coaxial Cable Assemblies, Connectors and Adapters



- (1) 75-Ohm Coax Cable. Push-on male "F" connector at each end. 4-Foot. 15-1529 2.79
- 8-Foot. 15-1530 3.49
- (2) 75-Ohm Coax. Screw-on male "F" connector at each end. 16-Foot. 15-1531 4.79
- 25-Foot. 15-1534 5.99
- (3) 8-Foot. 75-Ohm Coax Cable. Male "F" connector to Motorola-type plug. 15-1528 3.49
- (4) 6-Foot. 75-ohm TV/VCR Cable. Push-on "F" connectors at each end. 15-1536 2.99
- (5) Female "F" Screw-On to Male "F" Push-On. 278-218 99¢
- (6) F-81 Coupler. Female "F" connectors at each end. 278-213 89¢
- (7) Right-Angle "F" Connector. 278-221 1.69
- (8) Male "F" to Male "F" Connector. 278-219 1.39
- (9) Female "F" to Miniplug (1/8") Adapter. 278-257 1.69
- (10) 300-Ohm to 75-Ohm Miniplug (1/8") Adapter. 15-1148 1.49

Radio Shack Has the Best Selection of Accessories for TVs and VCRs

World Radio History

ACCESSORIES TO IMPROVE YOUR VIDEO SYSTEM



99⁹⁵

Low As \$20
Per Month*

Stereo-Compatible Video Processor. Four accessories in one! Works with monaural and stereo VCRs. Variable enhancer preserves picture details normally lost during duplication. Stabilizer eliminates "roll and jitter". Video noise reducer minimizes "snow". Variable-speed video/sound fader gives you pro-quality dubs. Features split-screen view of original/processed video, front panel selection of two video/audio sources. Two video/audio outputs (for VCR, TV monitor), plus RF output so you can use a standard TV as a monitor. 2¹/₄ x 9¹⁵/₁₆ x 6³/₈". UL listed AC. 15-1272 99.95

89⁹⁵

Sound Processor With Surround-Sound. Creates high-quality simulated stereo from monaural VCRs, satellite receivers and TVs equipped with audio output jack. When used with stereo equipment, it decodes the surround-sound channel of many stereo movies. Built-in expander lets you adjust the spatial image. DNR* Dynamic Noise Reduction cuts "hiss". Tape monitor, selector for three line-level audio sources. Has three line-level outputs (for VCR, stereo amplifier/receiver and surround sound). 2¹/₄ x 9¹⁵/₁₆ x 6³/₈". UL listed AC. 15-1278, 89.95

*TM National Semiconductor Corp.

NEW FOR 87

89⁹⁵

Video Special-Effects/Switcher. Professional video and sound editing at a breakthrough low price! Lets you create horizontal, vertical, diagonal and diamond wipes, plus manual and variable-speed automatic fades on both video and audio. Pushbutton controls provide a variety of patterns—30 in all. Has two video and two audio inputs for "source" VCRs. Two video and two audio outputs. Stereo compatible. 2¹/₄ x 9¹⁵/₁₆ x 6³/₈". UL listed AC. 15-1274 89.95



39⁹⁵

5-Input, 2-Output Video Selector. Makes "cable swapping" a thing of the past! With the flip of a switch you can direct RF signals from up to five different inputs to a TV for viewing and a VCR for recording, or to a second TV. Has inputs for TV antenna, cable-TV and VCR, plus two aux inputs for adding a disc player, satellite receiver, computer or second VCR. Switches RF signals. 75-ohm "F"-type connectors. Simulated walnut finish. 2 x 8⁷/₈ x 4¹/₂". 15-1261 39.95

69⁹⁵

Baseband Video/Audio Control Center. Adds versatility to your video system while reducing RF interference. Switches baseband (separate video and audio) signals. Ideal for use with stereo or monaural VCRs, TV sets, processors, video disc players, satellite receivers. Has inputs for up to two VCRs, video disc player, processors and aux. Outputs for TV monitor, processors and two VCRs. RCA-type phono jack connectors. 2¹/₄ x 9⁷/₈ x 6¹/₈". UL listed AC. 15-1263 69.95

89⁹⁵

Amplified 3-Output Video Selector. Three separate VHF/UHF amplifiers for main TV, VCR and remote TV outputs improve signal isolation and maintain signal strength. Especially useful when viewing and recording at the same time. You can direct signals from TV antenna, cable TV and VCR, plus use the two aux inputs for adding a satellite receiver, processor or computer. Switches RF signals. 75-ohm "F" connectors. 2³/₈ x 9⁷/₈ x 5¹/₄". UL listed AC. 15-1262 89.95

Cable TV Block Converter With Fine Tuning

29⁹⁵

- Restores Remote Control Functions
- Converts VHF, Mid And Superband Cable Channels to UHF



Lets you watch one TV channel while taping another on your VCR. Also returns tuning to TV set and VCR. If you have a remote control, you can use it to control all tuning, including cable channels. Fine-tuning control lets you watch "offset" cable channels which may not be receivable on TVs or VCRs with digital tuners. 2 x 6¹/₂ x 3¹/₂". UL listed AC. 15-1281 29.95

60-Channel Remote-Control Cable Converter

119⁹⁵

Low as \$20
Per Month*



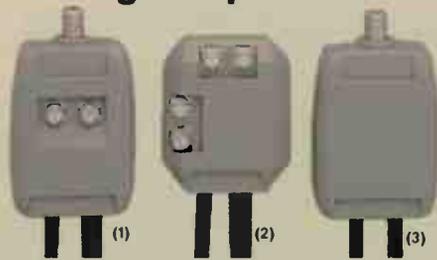
Pushbutton wireless remote lets you scan cable channels in two directions, access them directly, fine-tune and turn TV on/off. PLL tuning system assures optimum performance. Has standard/HRC switch for use on all cable systems, LED digital display, channel 3 output. 2³/₈ x 11¹/₂ x 6¹/₂". FCC registered. UL listed AC. Remote requires 9V battery. 15-1285 119.95

Video Accessories on This Page Include Manuals With Illustrated Hookup Examples

BETTER RECEPTION BEGINS AT THE SHACK®

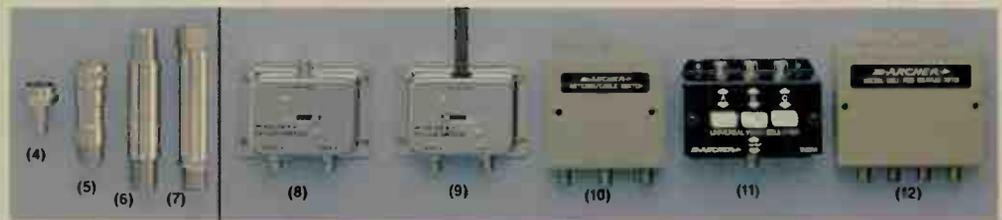
• Revolving Credit Available
See Page 3

Signal Splitters



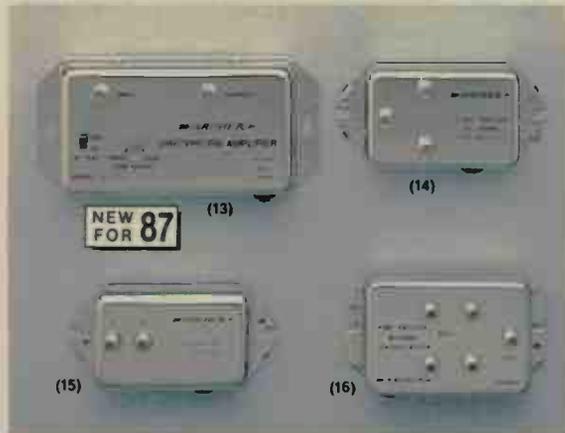
- (1) VCR/TV Antenna Splitter. One 75-ohm input. Provides one 75-ohm output for VHF, one 300-ohm output for UHF/FM. 15-1252 4.95
 (2) VCR/TV Antenna Splitter. (Not shown). 75-ohm input. Provides three separate 300-ohm outputs for UHF, VHF and FM. With matching transformer, 6-foot cable with push-on "F" connector. 15-1524 5.95
 (3) VCR/TV Antenna Splitter. 300-ohm input. Provides one 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1251 4.95
 (4) VCR/TV Signal Splitter. 75-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1293 4.95

Terminators, DC-Block, Attenuators and Switches



- (4) Terminating Resistors. "F"-type, 1/2 watt, 75 ohms. Terminates unused outputs of 75-ohm splitters and distribution amps to prevent interference and "ghosts". 15-1144 Pkg. of 2/99¢
 (5) 75-Ohm DC Block. Protects video equipment against DC voltages from line-powered equipment. 15-1259 1.49
 (6) Inline 6 dB Attenuator. 75 ohms. "F" female connectors on each end. Reduces interference caused by excessive signal strength. 15-1258 1.99
 (7) Inline 6 dB Attenuator. As above, but with "F" male to "F" female connectors. 15-1257 1.99
 (8) VCR/TV/FM Switch. 75-ohm input. Two 75-ohm outputs. Switches one antenna or VCR between two TV sets or FM receivers. Reversible. 15-1254 4.95
 (9) VCR/TV/FM Switch. Like Fig. 8 but with 300-ohm output and two selectable 75-ohm inputs. 15-1250 4.95
 (10) Pushbutton VCR/TV/FM Switch. High isolation. 75-ohm output, two selectable 75-ohm inputs. Reversible. 15-1249 6.95
 (11) A/B/C Video Switch. Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Reversible. 15-1256 6.95
 (12) A/B/C High Isolation Video Switch. Pushbutton switch with 75-ohm output and three 75-ohm inputs. Reversible—will also select from three outputs. Includes mounting tape and screws. 15-1248 9.95

Signal Amplifiers for Use With 75-Ohm Coax



- (13) NEW! UHF/VHF/FM Amplifier. Adjustable 10 to 20 dB gain. Switchable FM trap cuts interference. Can be used with hybrid splitters (see Fig. 26) to drive up to four TV/FM receivers or VCRs. 1 3/8 x 2 3/8 x 4 3/4". UL listed AC. 15-1113 19.95
 (14) 2-Set Amplified Coupler. Boosts VHF channels 2-13, FM, and mid/superband cable TV to drive one or two TVs, VCRs or FM receivers. 1 3/8 x 2 3/8 x 4 3/4". UL listed AC. 15-1116 10.95
 (15) 10 dB Booster Amp. For VHF channels 2-13, FM, mid and superband cable TV. 1 3/8 x 2 3/8 x 4 3/4". UL listed AC. 15-1118 9.95
 (16) 4-Set Amplified Coupler. Boosts VHF channels 2-13, FM, mid and superband cable TV to drive up to four TVs, VCRs or FM sets. 1 3/8 x 2 3/8 x 4 3/4". UL listed AC. 15-1119 12.95

Figs. 13, 14, 15 and 16 are UL listed for INDOOR USE ONLY

Inline Coax Amplifier



Place "bullet" amp anywhere in signal path and add power injector to coax cable where convenient. Reduces loss from passive splitters, long cable runs. For UHF/VHF/FM—covers 5 to 900 MHz. 75-ohm input/output. UL listed AC. 15-1117 14.95

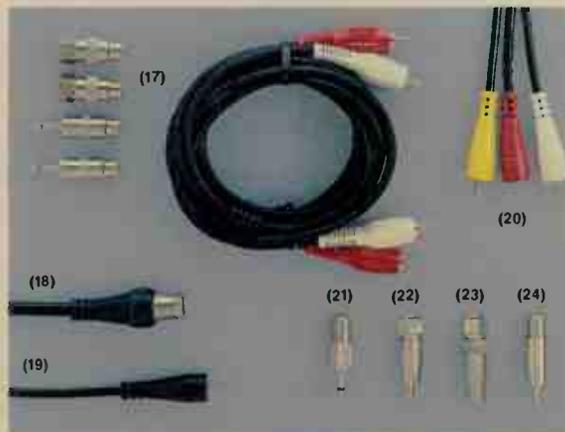
VCR/TV Splitter/Combiner

NEW FOR 87 2.99

Separate 300-ohm UHF and 75-ohm VHF inputs. Combines signals to one 75-ohm output with push-on male "F"-type connector. 1 3/8 x 2 3/8 x 3/8" 15-1294 ... 2.99



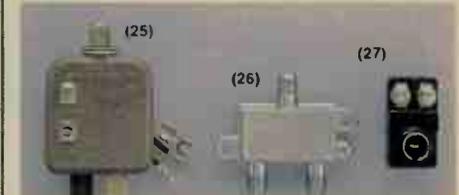
Video Dubbing Kit, VCR Connectors and Adapters



- (17) Dubbing Kit. Everything for recording from one VCR to another. Suitable for audio/video (baseband) or RF dubbing. Includes two 75-ohm male "F"-connector to phono jack adapters, two 1/8" mini-plug to phono jack adapters and 6-foot video/audio cable with two phono plugs at each end. 15-1525 6.95
 (18) 2-Foot, 75-Ohm Coax Cable. One male "F" connector at each end. 15-1533 2.49
 (19) 6-Foot VCR Video/Audio Cable. Has one phono jack at each end. 15-1535 3.99
 2-Foot. 15-1538 2.29
 24-Foot. 15-1539 6.95
 (20) 6-Foot Stereo Audio/Video Cable. 3 phono jacks at each end. 15-1537 6.95
 (21) Female "F" to 1/8" Mini Plug. 278-257 1.69
 (22) Male "F" Connector to RCA-Type Phono Plug. 278-253 1.29
 (23) Male "F" Connector to Female RCA-Type Jack. 278-255 1.19
 (24) Female "F" to RCA-Type Plug. 278-252 1.19

See Page 125 for More Video/TV/VCR Plug Adapters

Transformers/Splitters



- (25) Indoor Transformer/Splitter. 75-ohm input. Provides three 300-ohm outputs for VHF, UHF and FM. Mounts on back of set. 15-1139 4.99
 (26) 75-Ohm Hybrid Splitter/Combiner. Coax downlead to two UHF/VHF outputs. "F"-type connectors. Reversible. Combine two UHF/VHF inputs to one output. 15-1141 3.95
 (27) 4-Set Hybrid Splitter. (Not shown). 75 ohms. "F"-type connectors. 15-1142 6.95
 (27) VCR/TV Matching Transformer. 300-ohm input. 75-ohm output with push-on "F" connector. 15-1253 2.99

SAFE, SOLDERLESS SCIENCE FAIR® KITS

Revolving Credit
Available
See Page 3

200-in-1 Electronic Project Kit

44⁹⁵

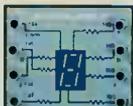
Includes Complete
108-Page
Lab-Style Manual



- Learn Basic Electronics
- Fun for Adults And Children
- 100% Safe



Meter



7-Segment LED



Two Integrated Circuits

Our largest! Learn about transistors, diodes, capacitors and schematic symbols. Projects include a burglar alarm, telegraph, AM broadcast station and a digital timer. Molded case with dust cover, out-front controls and speaker. Requires 6 "AA" batteries. 28-249 44.95

Deluxe 160-Project Kit

29⁹⁵

Includes Complete
186-Page
Lab-Style Manual



- Start a Hobby in Electronics
- Built-in Speaker
- All Projects Solar Or Battery Powered



Code Key



Meter



7-Segment LED Display

Build a radio, learn about solar telemetry, experiment with computer circuits and a flip-flop lamp flasher, produce electronic sound effects. Premounted parts with coil-spring assembly. Requires 9V battery and 2 "AA" batteries. 28-258 29.95

60-Project Electronic Lab

19⁹⁵



- Built-in Piezo Buzzer
- Morse Code Key
- Coil-Spring Connectors

Premounted transistors, capacitors, resistors and diodes let you build computer circuits, a radio, Morse code system and magnetic noise detector. Built-in electric motor and radio antenna coil. With earphone and manual. Requires 9V battery and 2 "AA" batteries. 28-256 19.95

100-Program Microcomputer Trainer

29⁹⁵



Includes Complete
180-Page
Programming Manual



Covers assembly language programming, binary and hexadecimal math. Features a central processing unit (CPU) and hexadecimal input keyboard. Seven preprogrammed games. Built-in audio amplifier and speaker. Clock timing circuit. Requires 6 "AA" batteries. 28-260 29.95

Sensor Robot Electronic Project Lab

14⁹⁵



Coil-Spring Connectors

- 20 Projects
- Perfect for Beginners

Join the age of Robotics. Built-in sensors respond to light, sound, magnetism and moisture. Projects include rain detector, burglar alarm and glass organ. Requires 9V battery. 28-162 14.95

Build a Kit That Captures Solar Energy

14⁹⁵



- 25 Exciting and Educational Projects
- Discover Tomorrow's Power Source

Silicon solar cells power most projects—all you need is sunlight or another source of bright light. Build radio receivers, a light-activated alarm, an electronic storage tank, simple computer circuits. Requires 9V battery. 28-255 14.95

THE FUN WAY TO LEARN ABOUT ELECTRONICS



12⁹⁵
Each

NEW FOR 87

Available
Sept. 30,
1986

AM/FM, Shortwave And VHF Radio Kits

AM/FM Project Kit. Hear local AM and FM radio stations. Preamsembled tuner. With earphone and volume control. Coil-spring assembly. Includes illustrated manual. Requires 2 "AA" batteries. 28-175 12.95

AM/Shortwave Project Kit. Listen to broadcasts from distant shortwave stations or your local AM stations. Three bands: 520-1625 kHz; 5.5-10 and 9-16 MHz. With manual and earphone. Requires 2 "AA" batteries. 28-176 12.95

AM/VHF Project Kit. Do-it-yourself and listen to police, aviation and weather bands. Also tunes 550-1600 kHz AM band. Preamsembled tuner. Volume control, speaker and earphone. 108-135/148-174 MHz. Coil-spring solderless assembly. Manual included. Requires 9V battery. 28-163 12.95

Police bands vary. Check for local frequencies.



Aviation Lab Kit

19⁹⁵

Learn the history and principles of flight. Build a helicopter, flyable model airplane, helium balloon, rocket with parachute recovery system and many others. Lab-type manual contains a wealth of information. 28-196 19.95

100 Projects



19⁹⁵ Physics Lab Project Kit

280 Projects in 10 Fields

Available Oct. 30, 1986

Includes all apparatus and instructions for experiments in liquids, simple machines, pressure, heat, sound, magnetism and more. Peg-board main console. Requires 2 "AA" batteries. 28-193 19.95

Crystal Radio Kit

4⁹⁵



Plays forever, without tubes, transistors or batteries. Like the first radios, a crystal converts RF to audio. Covers 550 kHz-1600 kHz AM band. With earphone, instructions, theory. Solderless. 28-219 4.95

2-Transistor AM Radio Kit

6⁹⁵



Listen to all the local AM broadcasts on a radio you assembled yourself. Tunes the entire 550-1600 kHz band. Kit includes earphone and instruction manual. Requires 9V battery. 28-229 6.95

AM Radio Broadcast Kit

7⁹⁵



Become the DJ of your neighborhood! Talk or sing through your standard AM radio. Complete with microphone and antenna coil. Solderless. Coil-spring connectors. Requires 9V battery. 28-233 7.95

30-in-1 Electronic Project Kit

12⁹⁵

- Safe and Fun
- Solderless



Learn the basics of electronics. Build a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Coil-spring assembly. Requires 2 "AA" batteries. 28-161 12.95

ArcherKit® for Advanced Hobbyists



7⁹⁵



19⁹⁵



12⁹⁵

These Kits Require Soldering

8-Range Pocket Multitester. 100 ohms/volt DC. Measures AC and DC volts, DC current and resistance. With leads. 3 1/2 x 2 5/16 x 1 7/16". Requires "AA" battery. 28-4012 7.95

25-Range Multitester. Mirrored scale for accurate readings. 20,000 ohms/volt DC. Measures AC and DC volts, DC current and resistance. With test leads. 5 1/2 x 3 5/16 x 1 7/16". Requires "AA" battery. 28-4013 19.95

Portable AM Radio. Features printed circuitry for easy assembly. Tunes 540-1600 kHz. Built-in speaker. Earphone jack. With instructions. 3 1/4 x 5 1/4 x 1 1/2". Requires 9V battery. 28-4029 12.95

Communication Electronic Lab

12⁹⁵



Includes AM broadcaster, AM receiver, code practice oscillator. With code key, LED, antenna, speaker and manual. Requires 9V battery. 28-254 12.95

Available Sept. 30, 1986

NEW FOR 87

When in Fort Worth, Visit and Shop at Tandy Center, Home of Radio Shack World Headquarters

ELECTRONIC TOYS FOR FUN AND EDUCATION



Our Best!
Includes Headsets
With Boom Mikes

Archer Space Patrol® Walkie-Talkies for the Kids



With Headsets. Leaves your hands free. Built-in adjustable headset with boom mike covers just one ear, for safety while biking, jogging or driving. With rotary power on-off/volume control, headset-mounted whip antenna, push-to-talk button and belt clip. 4 x 2⁹/₁₆ x 17¹/₈". Each requires 9V battery. 60-4011 Pair 19.95

Standard. Buy two or more for outdoor fun. Talk, or use the Morse code key. Code alphabet is on front panel. Flexible antenna, on/off switch, lock/on talk button. 5¹/₁₆ x 2⁵/₈ x 4¹/₄". Requires 9V battery. 60-4005 Each 9.95

Base Station With AM Radio. Two-way communication plus full-band AM tuning. On-off/volume and AM tuning controls, locking talk button, Morse code key with code alphabet on detachable mike, walkie-talkie/radio selector. Flexible antenna, belt clip and molded handle. 6¹/₂ x 5 x 2³/₁₆". Requires 9V battery. 60-4012 Each 15.95

Micro-Thin. Less than 1" thin so it easily fits in a shirt pocket. Ultra-sensitive super-regenerative receiver, 1¹/₂" speaker, push-to-talk button, telescoping antenna. 5⁵/₁₆ x 1³/₄ x 7¹/₈". Each requires 9V battery. 60-4004 Pair 18.88



19⁹⁵
Pair

9⁹⁵
Each

15⁹⁵
Each

18⁸⁸
Pair

No License Required ■ Operate on 49 MHz



Spell 'N Math

NEW FOR 87

24⁹⁵

- Teaches Kids 5 and Up ABCs and Numbers
- 15 Mode Functions

Fun, and educational too. Includes pre-spelling activities, full-spelling activities, guessing games for letters or words. Math activities consist of the four rules of math, matching numbers and multiplication quiz. Easy to use keyboard. Requires 2 "AA" batteries. 60-1093 24.95

Constellation Finder

12⁹⁵



Star Displays



Learn to locate and identify 31 constellations. Projects groups of stars on the ceiling. With instructions, exercises and star charts. 8³/₄ x 9¹/₄". Requires 2 "C" batteries. 60-2325 12.95

Wireless FM Microphone

6⁹⁵

- Talk or Sing Over FM Radios
- Use as a Small PA System

A great gift for kids! Tune to a blank spot on the 88-108 MHz band and you're on-the-air. Works even in a car. Built-in antenna. 8³/₄" long. Requires 2 "AA" batteries. 60-2109 6.95

Sing-A-Long Radio

14⁹⁵

NEW FOR 87

- Controls Fit Small Hands
- Ages 4 and Up
- Tough Enough For Kids



Kids can listen to or sing along with their favorite music and performers. The large slider selects AM radio, or Sing-A-Long. Speaker gives clear high quality sound. Easy-to-read dial. Microphone storage compartment. Safe battery operation. 7³/₄ x 8⁷/₈ x 3". Requires 9V battery. 60-1088 14.95

Play 'N Learn

19⁹⁵

NEW FOR 87



Learning With the Clown Is Fun

Has addition and subtraction quizzes, game key and multiplication tables. Includes 2 calculator functions. LCD display. On/off switch and automatic shut-off. Requires 2 "AA" batteries. 60-1092 19.95

Mickey Mouse® Calculator

9⁹⁵

- 8-Digit LCD Display
- For Ages 3 and Up



The fun way for children to learn math. Auto-power off. With manual. 6¹/₄ x 3³/₄ x 3³/₄". Requires 2 "AA" batteries. 60-2326 9.95

©Walt Disney Productions

Use Dependable Radio Shack Batteries for All Your Electronic Toys and Games

ELECTRONIC GAMES TO TEST YOUR SKILLS

*Revolving Credit Available
See Page 3

All Our Chess Games Endorsed by Garry Kasparov—The World Champion



Solves Mate in Ten

Deluxe Sensory Chess With Fast Response

99⁹⁵

Low As \$20
Per Month*

NEW FOR 87

Radio Shack 1850. For advanced or beginning players. Sensitive playing board with LED position indicators. Seventeen play-levels. Memory stores unfinished games. 1 1/2 x 14 9/16 x 9 9/16". Requires 4 "C" batteries. 60-2201 99.95

Sensory Pocket Chess

NEW FOR 87

39⁹⁵



Available Oct. 15, 1986

Pocket Chess That Will Instruct

Radio Shack 1450. Learn beginning to intermediate chess. Eight play levels. Long term memory. 1 5/8 x 7 7/8 x 5 1/8". Requires 3 "AAA" batteries. 60-2251 39.95



Table Sensory Chess With Fast Response

69⁹⁵

Radio Shack 1650 Tabletop. For modern chess enthusiasts. Nine levels of play. Sensitive board with LED position indicators. Memory stores unfinished games. 5/8 x 11 1/4 x 9 1/4". Requires 4 "AA" batteries or AC adapter. 60-2194 69.95

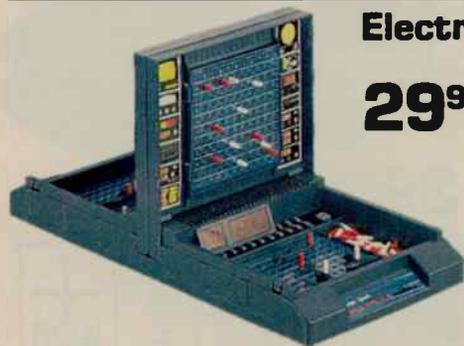
Portable Sensory Chess

49⁹⁵

9 Levels
Of Play



Radio Shack 1650 Portable. LED position indicators. Computer "coaches" with move suggestions. Memory stores unfinished games for later play. 1 1/2 x 7 3/8 x 4 5/16". Requires 3 "AA" batteries. 60-2187 49.95



Electronic Sea Battle Game

29⁹⁵

- Four Exciting Games Of Military Strategy
- Play an Opponent or Against the Computer

Fire salvos at enemy ships hidden on the opposite grid-pattern sea. Sound effects and lights indicate if you've scored a "hit" or a "miss." The last ship afloat wins the battle. Requires 4 "AA" batteries. 60-2193 29.95

12-Game Arcade

19⁹⁵

Easy-Punch Buttons



Play baseball, casino roulette, fire torpedoes to sink ships, more. 2 1/4 x 9 3/4 x 7 1/4". Requires one 9V and 4 "C" batteries. 60-2159 19.95

Pocket Repeat



10⁹⁵

The
Portable
Memory
Game

Plays a random series of notes—you must play them back in the same order or you lose. Two different skill levels. 1 5/16 x 3 1/8". Requires 9V battery. 60-2152 10.95

Plane & Tank Battle



LCD Display

12⁹⁵

Your mission is to get your tanks across the bridge, but watch out for enemy bombers! Two game levels—play at normal or fast speeds. 2 1/8 x 3 5/8 x 1 1/2". With RS-386A battery. 60-2196 12.95

Astro Command

NEW FOR 87

34⁹⁵

"3-D"
Display



Defend yourself against alien ships while dodging the asteroids. Three-dimensional design display, automatic digital scoring, joystick control. Outer-space sound effects. Four skill levels. 4 3/4 x 8 1/2 x 7 1/2". Requires 4 "C" batteries or AC or DC adapter. 60-2181 34.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

World Radio History

RADIO-CONTROLLED TOYS KIDS REALLY LOVE

Powerful 2-Speed Off-Road Vehicles

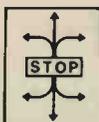


44⁹⁵ Four-Wheel Drive

34⁹⁵ Climbs 35° Inclines

4x4 Off-Roader. High-traction 4-wheel drive and super-size tires get you past "back country" roads. 12 1/2" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-4057 44.95

Off-Road Champ. Finish in first place with this rugged racer. Differential gear for smooth cornering. 11 1/2" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-4055 34.95



Sleek Digital Proportional Racers

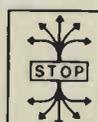


59⁹⁵ Dual-Stick Transmitter

39⁹⁵ Direct Response To Commands

Audi Quattro. Independent suspension! Jack for charging nickel-cadmium batteries. 15 1/2" long. 27 MHz. Requires 10 "AA" and 6 "C" batteries. 60-4058 59.95

Turbo Racer. Digital proportional steering for control. Dual-stick transmitter. 11 1/2" long. 27 MHz. Requires 2 9V and 4 "C" batteries. 60-4056 39.95



Sleek High-Speed Ferrari



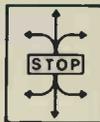
NEW FOR 87

29⁹⁵

Dual frequencies let you race against a friend. Authentic styling. Multi-function remote control. 11" long. Requires 2 9V and 4 "C" batteries.

49 MHz. 60-4063 29.95

27 MHz. 60-4062 29.95



Fast-Paced Action Nissan



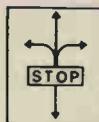
NEW FOR 87

19⁹⁵

It's a high-speed race for the flag against the clock or another driver. 8" long. Requires 2 9V and 3 "AAA" batteries.

27 MHz. 60-3094 19.95

49 MHz. 60-3095 19.95



Tough WW-II Sherman Tank



39⁹⁵

Replica of the renowned tank, with working searchlight and action sound. Super-high power lets you tackle 45° inclines. 13" long. 27 MHz. Requires 2 9V and 4 "C" batteries. 60-4059 39.95



Take Command of These "Funtastic" RC Action Toys



11⁹⁵

14⁹⁵

NEW FOR 87

15⁹⁵

NEW FOR 87

21⁹⁵

Available Sept. 30, 1986

Prices Apply at Participating Radio Shack Stores and Dealers

Lamborghini. When the green flag drops, GO! Moves forward, turns in reverse. 9" long. 27 MHz. Requires 2 "9V" and 4 "AA" batteries. 60-4051 11.95

Chevy Pickup. Road-rugged machine with rollbar. Tackles tough conditions and keeps on going. Detailed 1/20-scale. 9" long. 27 MHz. Requires 2 "9V" and 4 "AA" batteries. 60-3093 14.95

Puppy. Make him do tricks, come when you call or follow along faithfully at your side. Cute, lovable friend moves forward, stops, spins. 9" long. 27 MHz. Requires 1 "9V" and 3 "AA" batteries. 60-4060, 15.95

Talking Robie® Robot. Just speak into the hand control to make Robie "talk" with your voice. Hands manually grip objects and arms move up and down. Light gives realistic look. 9" high. 49 MHz. Requires 2 "9V" and 4 "AA" batteries. 60-4061 21.95

FOUR FUTURISTIC RADIO SHACK ROBOTS

• Revolving Credit Available
See Page 3

Remote Control Robie® Jr. Performs at a Touch



NEW FOR 87

79⁹⁵

He Really Talks!

Ultrasonic Remote Control Lets You Move Him Forward, Backward, Turn Him Right or Left—He'll Even Follow After You On His Own!

Removable Carry Tray ■ Speaks 9 Different Phrases ■ Movable Arms

Amazing entertainment for the entire family! Turn Robie Jr. on and he greets you by saying "hello". Then select either "stay" or "walk" mode. In the "stay" mode, the hand-held transmitter controls his actions. He'll wait for you to tell him which direction to go. In the "walk" mode, he'll move forward until he runs into an obstacle or you change his direction. If he bumps into something, he speaks and automatically changes direction. Flip the "follow" switch and he'll follow you anywhere you go. And he'll automatically change directions whenever you do. But watch out, Robie Jr. is a playful robot. He has two kinds of characters, "good" and "bad". When he's a good robot he'll follow you anywhere. But when he's a bad robot he moves away from you and says "catch me." You can make Robie Junior talk by pressing either of his hands down. Use his carry tray to have him bring you things like toys, pencils or candy. 15-foot control range. 10⁷/₈" high. Requires one 9V and 4 "D" batteries. 60-2397 79.95

Programmable Robie Sr.



NEW FOR 87

179⁹⁵

Low As \$20 Per Month •

Program His Movements On the Built-In Cassette

Use the remote control to move Robie Sr. forward, backward, right and left at your command. Or program him to move, make robot sounds and speak in your own voice, plus play prerecorded tapes. Transmitter mike lets you project your voice through his built-in speaker. Robie Sr. has headlight eyes and his mouth flashes when he talks. Built-in clock/timer with LCD display, detachable tray and lockable grasping hand. Battery check and power indicators. 19" high. Includes rechargeable battery with UL listed AC charger. Also requires 6 "AA" batteries. 60-2398 179.95

Remote Control Mobile Armatron® Robot Arm

NEW FOR 87

39⁹⁵

Moves Forward, Backward, To the Right and Left

Advanced robotics! Use the hand-held wired controller to rotate the arm and hand in the proper direction to grasp, pick up and release objects, plus move and turn. You can perform "hazardous" scientific experiments in your "lab", move game board pieces, even add cream and sugar to your cereal! Rubber-coated pinchers, speed control. 14" high at max. arm ext. Base, 6¹/₄ x 8¹/₂". Requires 4 "D" batteries. 60-2396 39.95



Use Dependable Radio Shack ENERCELL® Batteries in All Your Toys and Games

World Radio History

Amazing Armatron Robot Arm

29⁹⁵



Two Joysticks Activate All Its Motions

Works like real industrial robots! Rotate the arm to grip, pick up, rotate, move and release objects. Energy Level Meter lets you test your skill against an opponent. Rubber-coated pinchers. With game set of globe modules, canisters and cones. 14" high at maximum arm extension. Base, 8¹/₄ x 6¹/₂". Requires 2 "D" batteries. 60-2364 29.95

MAKE RADIO SHACK YOUR OWN 'POWER HOUSE'



Premium-Quality Alkalines for The Long-Lasting Power You Need

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life ■ High Output at Low Temperatures
- Anti-Corrosion Contacts

Each of our exclusive alkalines delivers top performance even under high current drain and retains full power during long-term storage. For all standard uses.

Fig.	Cell Type	Replacement for			Cat No	Price
		Ray-O-Vac	Eveready	Ouracell		
1	"C"	814	E93	MN1400	23-551	Pkg. 2/2.49
2	9V Rect.	A-1604	522	MN1604	23-553	Each 1.99
3	"AA"	815	E91	MN1500	23-552	Pkg. 4/2.99
4	"D"	813	E95	MN1300	23-550	Pkg. 2/2.49
5	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
6	"N"	81C	E90	MN9100	23-023	Pkg. 2/1.49

Rely on These Quality Hearing Aid Battery Packs



(7) Air-Activated Packs - 1.45V

Radio Shack	Replaces			Cat No	Price
	Eveready	Ray-O-Vac	Duracell		
675HP	AC674E	R675ZA	DA675	23-157	Pkg 3/2.39
13HP	AC13E	R13ZA	DA13	23-158	Pkg 3/2.39
312HP	AC312E	R312ZA	DA312	23-159	Pkg 3/2.39

(8) Mercury-Powered Packs - 1.4V

Radio Shack	Replaces			Cat No	Price
	Eveready	Ray-O-Vac	Duracell		
P675M	EP675	RP675	MP675H	23-145	Pkg 6/2.79
13M	E13E	R13	RM13	23-146	Pkg 6/2.79
312M	E312E	T312	RM312H	23-148	Pkg 6/2.79

Easy-to-Use Battery Checkers



Low As **3⁹⁹**

For All Popular Sizes

(9) Handy Checker. Tests D/C/9V/AA/AAA/N in zinc-carbon, alkaline, mercury, nickel-cadmium.

22-096 6.95

(10) Radio Shack Checker. For D/C/9V/AA/AAA sizes. 22-098 3.99



ENERCELL Watch and Calculator Batteries

- Extra Protection Against Leakage
- Keep Working Longer and Harder

Power for your watch or calculator for a long, long time before replacement is required! Store at room temperature for long life.

Extra-Performance Batteries



For Watches And Calculators

Lithium **1⁷⁹** Each

Alkaline **89^c** Each



Alkaline

Radio Shack	Replaces				Cat No	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357	G13, 541	23-009	1.99
389	389	RW49	D389	G10, V10GS	23-101	1.29
392	392	RW27/47	D392	G3, 547	23-102	.99
393	393	RW28/48	D393	G5, 546	23-103	1.49
303	303		D303	GS14, 521	23-104	1.99
357	357	RW22/42	D357	G13, 541	23-105	1.99
386	386	RW24/44	D386	G12, 548	23-106	1.49
391	391	RW40	D391	G8, V8GS	23-107	1.29
323	323	RW58	D323	Type C, 506	23-108	.99
343	343	RW56	D343	Type B, 509	23-109	.99
362	362	RW310	D362	Type S, 532, SR721	23-110	.99
364	364	RW320	D364	Type T, 531, SR621	23-111	1.29
396	396	RW411	D396	Type V, 556, SR726	23-112	1.29
399	399	RW413		Type W, 543, SR926	23-113	1.29
P675	EP675	RP675	MP675	8107, M13	23-1521	Pkg 2/1.49
390	390	RW39/390	D390	603, 534, SR1130	23-201	.99
329	329			24, 525	23-202	.99

Type	Radio Shack	Replaces			Cat. No.	Each
		GE	Eveready	Duracell		
Lithium	CR2016H	CR2016	E2016	DL2016	23-160	1.79
Lithium	CR2025	CR2025	E2025	DL2025	23-161	1.79
Lithium	CR2032	CR2032	E2032	DL2032	23-162	1.79
Lithium	CR1620				23-164	1.79
Lithium	BR2020				23-165	1.79

Type	Radio Shack	Replaces			Cat. No.	Each
		Ray-D-Vac	Eveready	Maxell		
Alkaline	357A	RW82	A76	LR44	23-115	.89
Alkaline	386A	RW84	186	LR43	23-116	.89
Alkaline	389A	RW89	189	LR130	23-117	.89
Alkaline	391A		191	LR1120	23-118	.89

ENERCELLS ARE ALWAYS FRESH & STRONG

Revolving Credit Available
See Page 3



Millions Sold Every Year!

Reliable Batteries for General-Purpose Use

- Cost Less Than Most Brands
- Protected Against Leakage
- Always Fresh and Strong
- Recharging Capability

Our most popular batteries! Compare the other brands and you will see what a great value these batteries really are.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Eveready	Ray-O-Vac		
1	"C"	935	14	23-467	34
2	"D"	950	13	23-466	34
3	9V Rect.	216	1604	23-464	59
4	"AA"	915	15	23-468	27
5	6V	509	941	23-006	2.89

Get Your Free Battery Card!



Up To **\$7.08** Value

Join our Battery-A-Month Club and get one General-Purpose "D", "C", "AA" or 9V ENERCELL each month for a year! No obligation, nothing to buy! Come in and get your FREE card today!

At participating Radio Shack stores and dealers. 6V lantern excluded.

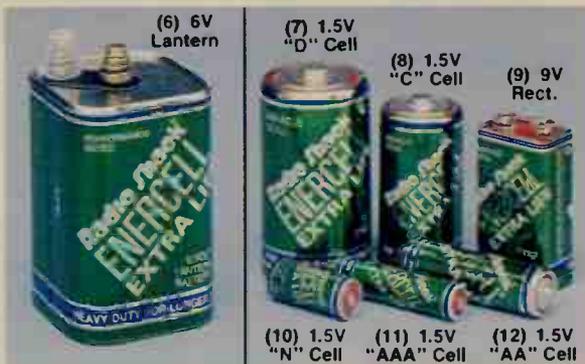
ENERCELL® Extra-Life Batteries for Heavy-Duty Use

Longer Life for Only Pennies More

- "Miracle Seal" Provides Greater Leak Protection Than Ordinary Batteries
- Up to 3 Years Shelf Life ■ Steel Case

Specially processed electrolyte core provides longer service life than "regular" batteries. That means fewer replacements. Stock up!

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Eveready	Ray-O-Vac		
6	6V	1209	944	23-016	3.99
7	"O"	1250	60	23-580	.55
8	"C"	1235	4C	23-581	.55
9	9V Rect.	1222	D1604	23-583	.99
10	"N"	E90	810	23-585	.29
11	"AAA"	912	400	23-584	.35
12	"AA"	1215	5AA	23-582	.39



Archer® Battery Charger



Charges 2 or 4 Batteries

For "C", "D", "AA", and 9V. Cannot overcharge. Use with General-Purpose or Extra-Life only. 2 1/4 x 8 1/2 x 3 3/4". UL listed AC. 23-120 12.95



"Hard-to-Find" Batteries

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ever-easy	Ray-O Vac	Dura-cell		
13	12	732	926	M926	23-007	10.39
14	12.6	304116	.....	304116	23-670	11.99
15	11.2	E431BP	.....	TR431	23-671	11.99
16	6.0	.....	.....	.....	23-181	9.95
17	1.45	AC675	R675ZA	DA675	23-150	2/1.69
18	5.6	E164	.....	PX32B	23-463	5.79
19	6.0	539	867	7K67	23-471	3.59
20	1.3	.....	.....	.....	23-151	3.95
21	1.35	E625	T625N	RM625	23-462	1.49
22	1.35	EPX13	.....	PX13B	23-470	1.99
23	7.0	E175	T175	TR175	23-601	4.99
24	1.4	E401	T401	RM401	23-660	1.69
25	22.5	505	221	M505	23-510	4.29
26	1.4	E640	T640-1	RM640	23-1515	2.19
27	12.0	.....	.....	.....	23-144	.89
28	6.0	A544	RPX28	PX28L	23-469	3.79

Power for Portable Video

NEW FOR 87

59⁹⁵

For TVs, Video Recorders, Lights, Cameras, Telephones

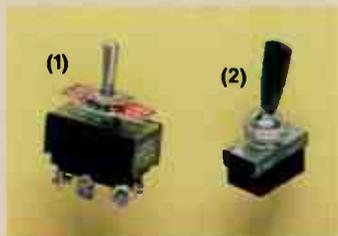


The ENERCELL Rechargeable Power Pack provides portable power for video equipment. DC charger with 5-foot cord recharges battery pack from any 12VDC vehicle lighter. UL listed AC charger included. 12V, 5 Ah output. 23-182 59.95

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

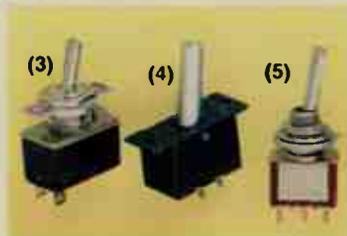
SWITCHES FOR PROJECTS AND REPLACEMENT

Panel-Mount Switches—Complete With Hardware and Pin Diagram



(1) **Heavy-Duty DPDT Center-Off.** Rated 10 amps at 125 VAC. Features screwdriver terminals for easy hookup and includes on-off label plate. Body size: $3/4 \times 1\ 3/8 \times 1\ 3/8$ ". Mounts in $7/16$ "-diameter hole. 275-1533 1.79

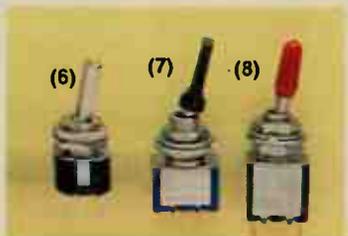
(2) **Heavy-Duty AC.** Rated 6 amps at 250 VAC. Features $3/8 \times 1$ "-long lever and solder lug terminals. Body size: $1\ 5/16 \times 3/8 \times 5/8$ ". Mounts in $7/16$ "-diameter hole. SPST. 275-651 2.99
SPDT. 275-654 2.19
DPDT. 275-652 2.39
DPDT Center-Off. 275-653 2.49



(3) **Standard Toggles.** Rated 3 amps at 125 VAC. With on/off label plates. Body: $1\ 1/2 \times 9/16 \times 1$ ". Mounts in $7/16$ " hole. SPST. 275-602 99¢
DPDT. 275-666 1.29
Set. 1 DPDT, 2 SPST. 275-322, 3/2.49

(4) **$3/4$ " Brushed Aluminum Baton.** SPST rated 3 amps at 125 VAC. $1\ 5/16 \times 3/8 \times 9/16$ ". Flush-mount design. 275-630 1.49

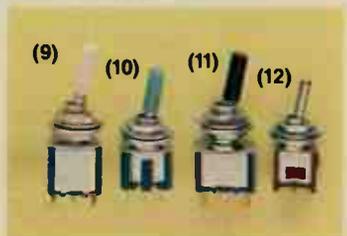
(5) **Flatted Lever Switches.** 6 amps at 125 VAC. Body: $3/8 \times 7/16 \times 1/4$ ". Requires $1/4$ " mtg. hole. SPDT. 275-635 2.49
DPDT. 275-636 2.79
DPDT Momentary. 275-637 2.99



(6) **SPDT Mini-Toggle.** 5 amps at 125 VAC. $5/8 \times 3/8$ ". Requires $7/16$ " mtg. hole. 275-603 1.49

(7) **Mini Toggles.** 6 amps at 125 VAC. Body: $1\ 3/8 \times 1/2 \times 1/2$ ". Mtg. hole: $1/4$ ". SPDT. 275-662, 2.59 DPDT. 275-663, 2.89
DPDT Center-Off. 275-664 2.99
3PDT. 275-661 3.49

(8) **Submini Toggles.** 10 amps at 125 VAC. Each includes four colored handle covers. $1/2 \times 7/16 \times 1/2$ ". $1/4$ " mtg. hole. SPST. 275-324, 1.99 SPDT. 275-326, 2.09
SPDT Center-Off. 275-325 2.29
DPDT. 275-1546 2.49
DPDT Center-Off. 275-1545 2.69



(9) **Micromini Toggles.** Rated 3 amps at 125 VAC. Body size: $1/4 \times 5/16 \times 3/16$ ". SPST. 275-624, 1.59 SPDT. 275-625, 1.69
DPDT. 275-626 1.99

(10) **Submini Toggles.** 3 amps at 125 VAC. Body: $3/8 \times 1/4 \times 3/8$ ". $1/4$ " mtg. hole. SPST. 275-612, 1.69 SPDT. 275-613, 1.79
DPDT. 275-614 2.19
DPDT Center-Off. 275-620 2.29

(11) **SPDT Momentary.** 6 amps at 125 VAC. Spring return. $1\ 1/8 \times 1/2 \times 5/16$ ". Mtg. hole: $1/4$ ". 275-619 1.69

(12) **Submini SPST PC-Mount Toggle.** 0.3 amp at 125 VAC. Body: $3/8 \times 3/8 \times 1/4$ ". 275-645 1.59

Lighted AC Switches



(13) (14) (15) (16)

Low As **3.49**

(13) **120 VAC SPDT Push-On/Push-Off.** Rated 3 amps at 120 VAC. Lamp requires 12 volts, AC or DC. Body size: $1\ 3/4 \times 9/16 \times 9/16$ ". Mounts in $1/2$ "-diameter hole. 275-676 4.95

(14) **Round Button Version of Fig. 13.** 275-677 4.95

(15) **SPST Normally Open or Normally Closed.** Rated 5 at 250 VAC. Lamp requires 12 volts AC or DC. Mounts in $5/8$ "-diameter hole. 275-678 5.95

Replacement 12-Volt Bulb. For Figs. 13, 14 and 15. 272-1154 99¢

(16) **120 VAC SPST Push-On/Push-Off.** Button lights when on. Rated 10 amps, for 100-125 VAC use only. Mounts in $7/16$ "-diameter hole. 275-671 3.49

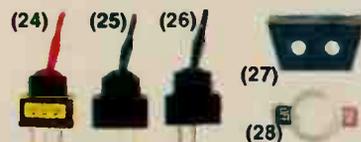
Momentary and Push On/Off Switches

Low As **1.29**



(17) **Mini SPDT Momentary.** 3 amps at 125 VAC. $1/4$ " mtg. hole. 275-1549 2.29
(18) **Mini SPST Momentary.** 0.5 amp at 125 VAC. $3/8$ " button. $1/4$ " mtg. hole. Norm. Open. 275-1547 Pkg. of 5/2.49 Norm. Closed. 275-1548 Pkg. of 5/2.69
(19) **SPST Push-On/Off.** 3 amps at 250 VAC. $1/2$ " mtg. hole. 275-617 1.59
Momentary Version of Fig. 19. Normally open. 275-618 1.49
(20) **SPST "Soft-Feel" Push-On/Off.** 3A at 125 VAC. $3/8$ " mtg. hole. 275-1565 1.39
Momentary Version of Fig. 20. Normally open. 275-1566 1.29
(21) **Mini SPDT Push-On/Off.** 3 amps at 125 VAC. $9/16$ " mtg. hole. 275-1555 1.89
(22) **Submini SPST Momentary.** Rated 0.5 amp at 125 VAC. Normally open. $1\ 1/2 \times 1/4$ ". Includes one red, one black, $3/8$ " mtg. hole. 275-1571 Set of 2/1.69
(23) **Standard SPST Push-On/Off.** 3A at 250 VAC. $1/2$ " mtg. hole. 275-011 1.29
Momentary Version. Normally open. One black, one red. 275-609 Set of 2/1.69

Automotive



For 12 VDC Use Only

(24) **Lighted SPST.** Handle lights when on. 3 amps. $7/16$ " mtg. hole. 275-706 1.99
(25) **Lever Switches.** 20 amps. $2\ 1/8 \times 1 \times 1/2$ ". $7/16$ " mtg. hole. SPST. 275-708 1.79
DPDT Center-Off. 275-710 2.29
DPDT Momentary. Spring return to center off position. 275-709 2.69
(26) **SPST.** 5 amps. 275-701 1.19
(27) **Underdash Bracket.** Mounts two switches with $7/16$ " bushing. 275-705 69¢
(28) **On/Off Plates.** For switches with $15/32$ " bushing. 275-320 Pkg. of 6/6.99

Rocker Switches



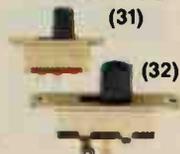
Rated 6 amps at 125 VAC. Body size: $1\ 3/16 \times 3/4 \times 1\ 3/8$ ". Mount in $3/4$ " hole. SPST. 275-690, 1.89
DPDT. 275-691 2.49

Lever Types



(29) **SPDT With $3/4$ " Roller Lever.** Operating force: 5 grams. 5 amps at 250 VAC. $3/4 \times 1/4 \times 3/8$ ". 275-017 1.39
(30) **SPDT With $3/4$ " Lever.** Operating force: 45 grams. 5 amps at 250 VAC. 275-016 1.29

Slide Switches



(31) **Submini.** Rated 0.3 amps at 125 VAC. SPST. 275-406 2/69¢
DPDT. 275-407 2/79¢
(32) **Heavy-Duty.** Rated 3 amps at 125 VAC. SPST. 275-401 2/89¢
DPDT. 275-403 2/99¢
Kit. Rated 0.5 amp at 125 VAC. Includes one each: SPST, DPST, DPDT and three SPST. 275-327, Set of 6/1.79

Rotary

- $1/4$ "-Dia. Shaft
- 0.3 A at 125 VAC

2-Pole, 6-Position. Single deck, non-shorting type. 275-1386 1.19

1-Pole, 12-Position. Shorting type. 275-1385 1.19

Knife Switch



Screwdriver Terminals

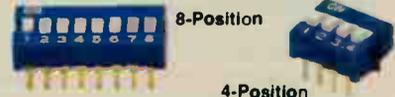
DPDT. Ideal for projects, antenna switching, model railroads. Rated 0.5 amp at 250 VAC. $1\ 5/8 \times 2\ 3/8 \times 3/4$ ". 275-1537 99¢

Mercury Switch



Useful in "tilt" or motion detector alarms, hobby and science projects. Rated 5 amps at 125 VAC. Style may vary. 275-027 1.19

SPST DIP Switches



Digital/low-current use. Socket or PC mount.

Positions	Fits Socket	Cat. No.	Each
8	16-pin DIP	275-1301	1.69
4	8-pin DIP	275-1304	1.29

Large-Quantity Discounts Available—See Page 93

SHOP RADIO SHACK FOR ALL YOUR PARTS NEEDS

We Can Supply Popular Tubes and Almost Any IC or Semiconductor



"Hotline" Service From Our Warehouse

Your nearby Radio Shack store can special-order a wide variety of parts and accessories not listed in this catalog. These items include Realistic® Long-Life tubes, linear and digital ICs, microprocessors and support chips, transistors, diodes and modules for TV/audio equipment. Also available on special order are phono cartridges and styli, crystals for CBs, scanners and microprocessors, paper refills for calculators, remote controls for phone answerers and handsets for cordless phones.

No Postage Charges or Minimum Order

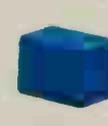
Our store manager will check our special in-store substitution list and order a suitable replacement on our telephone "Hotline." Your order will be sent directly to your nearby Radio Shack store and we'll notify you when it arrives. Delivery time for most items is approximately one week. This service gives you convenient one-stop shopping and there's no handling charge or minimum order requirement. Come in today—we're ready to serve you!

Micro-Mini Relays

NEW LOW PRICE!

1⁶⁹ Each
 Were \$1.99 in 1986 Catalog
 5 VDC, 90 mA, 550-Ohm Coil. Only 1¹/₃₂ x 3/16 x 1/4" SPDT contacts rated 1 amp at 125 VAC. 275-240 1.69
 12 VDC Coil. 275-241 1.69

SPDT DIP Relay

NEW LOW PRICE!

1⁷⁹
 Was \$2.49 in 1986 Catalog
 5 VDC, 72 mA, 70-Ohm Coil. Fits 14-pin DIP socket or mounts on board. Contacts: 2 amps at 125 VAC. 3/16 x 9/16 x 3/16". 275-243 1.79

Mini SPDT Relay

NEW LOW PRICE!

2⁴⁹
 Was \$2.99 in 1986 Catalog
 12 VDC 30 mA, 400-Ohm Coil. For limited space. Contacts rated 3 amps at 125 VAC. 9/16 x 25/32 x 3/16". 275-247 .. 2.49

Mini DPDT Relay

NEW FOR 87

1⁹⁹
 5 VDC Coil. Encapsulated type for PC mounting. Contacts rated 2 amps at 120 VAC. Approx. 7/16 x 3/4 x 3/8". 275-244 1.99

Reed Relays


1⁴⁹ Each
 Approximately 1" x 3/16". SPDT contacts: 1 amp at 125 VAC
 5 VDC Coil. 275-232 1.49
 12 VDC Coil. 275-233 1.49

Submini DPDT Relay

3⁹⁹

 12 VDC 43 mA, 280-Ohm Coil. Fits 16-Pin DIP socket or mounts on PC board. Contacts rated 1.0 amp at 125 VAC. 7/16 x 25/32 x 3/16". 275-213 3.99

Mini SPDT Relay

2⁹⁹

 6-9 VDC, 500-Ohm Coil. Typical drain 12 mA—ideal for battery circuits. Contacts: 1 amp at 125 VAC. 1 x 1 1/16 x 3/4". 275-004 2.99

Mini DPDT Relay

4⁷⁹
 Socket Included

 12 VDC, 75 mA, 150-Ohm Coil. Contacts rated 3 amps at 125 VAC. Transparent case. 1 1/4 x 1 x 3/4". Chassis or PC-mount socket has clips for relay 275-206 4.79

4PDT Relay

4⁶⁹
 Switches Up To 4 Circuits

 12 VDC, 150-Ohm Coil. Contacts rated 3 amps at 125 VAC. 1 3/8 x 1 1/8 x 1 3/16". 275-214 4.69
 Socket. 275-221 1.49

10-Amp Relays

5⁴⁹ Each

 12 VDC, 150-Ohm Coil. DPDT contacts: 10 A at 125 VAC. 1 3/8 x 1 x 3/4". 275-218 5.49
 120 VAC, 4500-Ohm Coil. 275-217 5.49
 10-Amp Socket. 275-220, 1.59

Computer Joysticks

12⁹⁵
 (1)

 Add Extra "Zip" To Your Games!

3⁹⁹

10⁹⁵
 (2)
 (3) 10-Ft. Joystick Extension Cord. 9-pin D-sub male connector to 9-pin D-sub female. 276-1978 3.99

Atari® is TM of Atan, Inc. VIC-20 and Commodore 64 are TMs of Commodore Int'l. Sears Video Arcade is TM of Sears Roebuck & Co

Prewired Modules

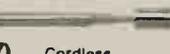
(4)

 TV RF Modulator
 (5)

 Audio Amp/Speaker
 (4) TV RF Video/Audio Modulator UM1285-8. Lets you use a standard TV set as a monitor. Converts line-level video and sound to a high-quality color signal on channel 3 or 4. 75-ohm phono jack output. 2 13/16 x 1 3/16 x 1 3/16". Requires 6 VDC, low-cost external components and enclosure for a complete system. With hookup data 277-221 9.95
 (5) Audio Amplifier With Built-In Speaker. Ideal as a test-bench amp or wherever you need a compact audio amplifier. Has on/off/volume control, 1/8" phone jacks for input and an external speaker or earphone. High-gain IC design, 200-mW output. 3 3/8 x 3 3/16 x 1 3/4". Requires 9V battery. 277-1008 11.95

Replacement Antennas

(6) General Purpose

 (7) Cordless Phone Handset

 (8) Cordless Phone Base

 (9) Universal Handset


Restore original range and performance to electronic equipment. #270-1408 is new for 1987 and extra length makes it ideal for long-distance applications.

Fig.	Sections	Extends to	Cat. No.	Each
6	5	30 1/2"	270-1401	2.99
6	4	34 3/16"	270-1402	3.49
6	3	39 3/8"	270-1403	3.59
6	6	72"	270-1408	3.99
7	5	30 1/2"	270-1405	2.99
8	5	15 1/4"	270-1406	2.59
9	5	13"	270-1407	2.59

UP-TO-DATE SOLID-STATE AT SUPER LOW PRICES

Voice Synthesizer Team



(1) **16⁹⁵** (2) **12⁹⁵**

Add Voice to Your Computer

(1) CTS256-AL2 Text-to-Speech IC. Preprogrammed 8-bit processor translates ASCII characters into control data for Fig. 2. With detailed data, schematics. Requires 10 MHz crystal (special-order). 40-pin DIP. 276-1786, 16.95
 (2) SPO256-AL2 Speech Synthesizer. MOS/LSI device with built-in program is easy to interface with most computers. With data, circuit examples. Requires 3.12 MHz crystal (special-order). 28-pin DIP. 276-1784 12.95

Touch-Tone Decoder IC

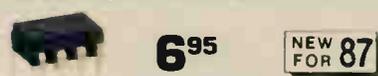


12⁹⁵ NEW FOR 87

Complete DTMF Receiver in an 18-Pin DIP

SSI 202. Ideal for ham radio autopatching, repeater control and many other remote-control applications. Features a single analog input and eight built-in switched-capacitor filters—no input filtering is required. Provides selectable hexadecimal or binary coded 2 of 8 output. Clocked by low-cost 3.58 MHz colorburst crystal (RS #272-1310, not incl.). Single 5 VDC supply. With data and circuit examples. 276-1303 12.95

8-Bit A/D Converter IC



6⁹⁵ NEW FOR 87

Complete Data Acquisition System in One IC

TLC548. Features single 5 VDC supply operation, internal system clock, single analog input and an on-chip sample-and-hold circuit. Provides high-speed data transfer and a maximum sample rate of 40,000 cycles per second. Requires a minimum of support components and software to interface with most microprocessors, peripheral or digital logic circuits. 8-pin DIP with applications data. 276-1796 6.95

Sound Generator IC



9⁹⁵ NEW FOR 87

Produces an Incredible Variety of Sounds

AY-3-8910A. Only your imagination will limit the type of sound effects and music this chip will produce. The three analog audio outputs are independently programmable. Two general-purpose 8-bit I/O ports and single 5 VDC supply operation make it easy to interface with most microprocessors. 40-pin DIP with detailed interfacing and programming data. 276-1787 9.95

Melody Synthesizer IC



2⁹⁹ NEW FOR 87

Preprogrammed With 12 Popular Tunes

UMC 3482. Ideal for musical doorbells, telephone music-on-hold, game and novelty applications. Features an on-chip audio preamp and operates on 1.5 VDC. Tunes include Happy Birthday, Oh My Darling Clementine, London Bridge is Falling Down, Home Sweet Home, American Patrol and Row-Row-Row Your Boat. 16-pin DIP with data and circuit examples. 276-1797 2.99

Top-Quality Memory Chips



(3) **NEW FOR 87**

(3) 4164 64K Dynamic RAM. 150 ns access, low-power design, single 5 VDC supply. 276-2506 3.95
 NEW! TMS 4256 256K Dynamic RAM. 150 ns maximum access time. Low-power design (230 mW, typical), single 5 VDC supply. 16-pin DIP. 276-1252 6.95
 (4) NEW! MSM 2764RS 64K EPROM. UV erasable, electrically programmed ROM with 250 ns access time. 28-pin DIP. 276-1251 6.95

Operational Amplifiers



Low As **79^c**

741. Industry workhorse. 8-pin DIP. 276-007 79^c
 1458 Dual Op Amp. 8-pin DIP. 276-038 99^c
 LM324 Quad Op Amp. Operates on 3 to 30 VDC or split 1.5 to 15 VDC supply. 14-pin DIP. 276-1711 1.29
 TL082 Dual BIFET Op Amp. Low-noise, high-Z inputs. Split 4 to 18 VDC supply. 8-pin DIP. 276-1715 1.89
 LM339 Quad Comparator. Four voltage comparators in 14-pin DIP. Single 2 to 32 VDC supply. 276-1712 99^c
 LM567 Tone Detector. Use for Touch-Tone, remote control and FSK decoding. Operates from 0.01 Hz to 500 kHz. Requires 4.75 to 9 VDC. 8-pin DIP. 276-1721 1.99

CMOS and Bipolar Timers

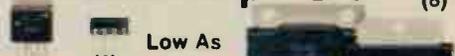


Low As **1¹⁹**

TLC555. CMOS design offers very low power consumption. Same pinout as standard 555 but operates up to 2 MHz. 8-pin DIP with data. 276-1718 1.39
 TLC556. Dual version of TLC555. 14-pin DIP with data. 276-1704 1.59
 Bipolar Timers. Provide resettable timing from one microsecond to one hour. Operate from 4.5 to 16 VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	1.19
556 (Dual)	14-pin	276-1728	1.49

Audio Amplifiers



Low As **1⁰⁹**

(5) LM383/TDA2002. Up to 8 watts rms at 13.8 VDC, 4-ohm load 5-pin TO-220. 276-703 2.99
 (6) LM386. Amplifier for 8-ohm loads is ideal for battery-powered projects. 400 mW output. Adjustable gain. 4-12 VDC. 8-pin DIP. 276-1731 1.09
 (7) BA5406 Stereo Amplifier. 5 watts per channel output at 12 VDC when properly heat-sinked. 276-707, 2.69
 (8) TA7205AP. Import autosound replacement IC. 5.8-watt output. 9-18 VDC. THD: 0.07%. 276-705 2.99

Archer Paks—Bargains for Every Builder and Experimenter! Only \$1.98 Each

Package of 50 Diodes

1N914/4148. Silicon, ideal for logic. Switching time low as 4 ns. PRV: 90. 276-1620 1.98

15 NPN Transistors

Small-Signal. 300 mW. Similar to 2N3904. Pkg. of 15. 276-1603 1.98
 General-Purpose. 600 mW. Pkg. of 15. 276-1617 1.98

25 Assorted Zener Diodes

Ratings from 2.8 to 120 V. 250 mW to 5 watts. May include double anode types. 276-1629 1.98

15 Amplifying Transistors

PNP small-signal type, similar to 2N3906. 350 mW. TO-92 case. 276-1604 1.98

25 Rectifier Diodes

1N4000-series. Ten 1N4001s, five 1N4002s, five 1N4004s, and five others. 276-1653 1.98

5 One-Amp SCRs

You'll find lots of uses for these! Rated 1 amp, 50 volts. TO-92 package. 276-1662 1.98

5 One-Amp Triacs

Use as a light-duty, solid-state AC relay or controller. Rated 1 amp, 50 volts TO-92 package. 276-1663 1.98

10 Rectangular LEDs

May include red, green, yellow, regular and high-efficiency types. 276-1655 1.98

2 LED Displays

Two 0.4" common-anode digital displays. Left decimal. Red output. Fit 14-pin DIP socket. 276-1656 1.98

20 Assorted LEDs

May include types MV-5054, MV-50, RL-209 in red, green, amber plus infrareds and indicators. 276-1622 1.98

Package of 4 Rectifiers

Rated 6 amps, 50 PIV. Ideal for replacement and power supply projects. 276-1661 1.98

Package of 5 Regulators

Includes one 7805, one 7812 and three other types. 276-1660 1.98

Package of 3 Optocouplers

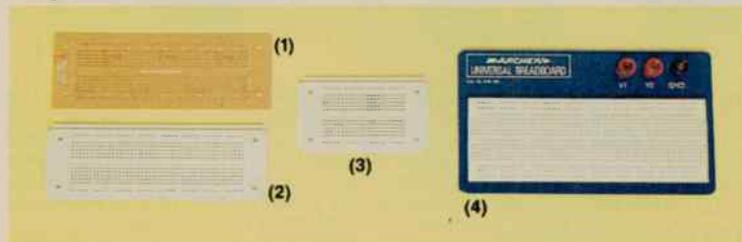
Includes one with transistor output, one Darlington output, one other type. 276-139 1.98

Package of 5 Photo Cells

Cadmium-sulfide photo resistors. Ideal for experiments. Various styles and ratings. 276-1657 1.98

PROJECT BREADBOARDS & OPTOELECTRONICS

Experimenter's Solderless Breadboards



The fast way to design circuits! Our breadboards accept a variety of devices and make circuit changes easy. When your circuit is working properly, it's easy to transfer it to the matching experimenter's PC board for a soldered, permanent version.

- (1) **Experimenter's PC Board.** Layout matches modular breadboard sockets. 550 pre-drilled connection points. 2 1/16 x 5 7/16 x 1/16". 276-170 2.69
- (2) **Modular IC Breadboard Socket.** Silver-nickel contacts accept 30 to 22-gauge solid wire. Feature two bus strips and 550 indexed connection points. Snap together horizontally or vertically for more complex designs. 2 1/8 x 6". 276-174 11.95
- (3) **Modular IC Breadboard Socket.** Smaller version of Fig. 2 with 270 indexed connection points. 2 1/8 x 3 5/8". 276-175 6.95
- (4) **Universal Breadboard.** Our finest! The 2 1/4 x 6 1/2" breadboard is mounted on a 7 x 4" "stay-put" steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Provides a total of 640 plug-in tie points and has three binding posts for external connections. Great for students and professionals. 276-169 19.95

Light Up Your Projects With LEDs



Fig.	Color	Size	Cat. No.	Pkg. of 2
5	Red	T-1 3/4	276-041	.69
6	Yellow	T-1 3/4	276-021	.79
7	Green	T-1 3/4	276-022	.79
8	Red	T-1	276-026	.69
9	Green	T-1	276-037	.89

(10) **TLR-107 High-Brightness Red LED.** Fresnel lens. Mounts in 3/16" hole. 2 VDC at 20 mA typical. 276-033 Pkg. of 2/89¢

(11) **NEW! T-1 3/4 LED Holders.** Fit 1/4" holes. 276-079 Pkg. of 5/59¢

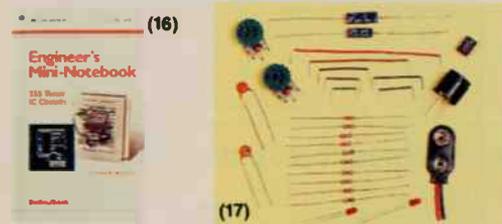
(12) **Chrome LED Panel Lamp Holders.** Accept standard T-1 3/4 (jumbo-size) LEDs. 276-080 Pkg. of 2/1.19

(13) **XC-5491 Tri-Color LED.** Perfect for status indicators and testers! Glows red on DC, green on reverse DC, yellow on AC. T-1 3/4 size. 2.2 VDC at 25 milliamps, typical. 276-035 1.29

(14) **NEW! Blinking Green LED.** Flash rate 1 Hz, typical. T-1 3/4 size. 20 mA at 3 VDC. 276-030 1.19

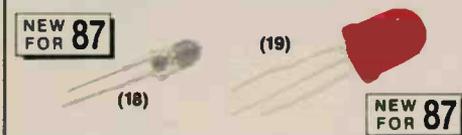
(15) **NEW LOW PRICE! Blinking Red LED.** Combines a MOS integrated circuit driver and a red LED in a T-1 3/4 package. Approximately 20 mA at 3 VDC. Can drive several LEDs in series. Was \$1.59 in 1986 catalog. 276-036 ... 1.19

Books by Forrest Mims III



- (16) **Timer IC Mini-Notebook.** Large schematics help you learn to use the versatile 555 and 556 ICs. 32 pages. 276-5010 99¢
- Op Amp Mini-Notebook.** 48 pages contain over 40 clever circuits using popular op amps such as the 741. 276-5011 1.49
- NEW! Opto Mini-Notebook.** 48 pages. Projects range from simple LED circuits to lightwave communications. 276-5012 1.49
- NEW! Basic Semiconductor Circuits Mini-Notebook.** 48 pages of basic circuits using resistors, capacitors, R-C elements, diodes, transistors, piezo elements and more. 276-5013 1.49
- NEW! Basic Logic Circuits Mini-Notebook.** 48 pages explain gates, truth tables and logic families with emphasis on interfacing logic to real-world applications. 276-5014 1.49
- (17) **Timer IC Project Parts Kit.** For 14 projects. Use with #276-5010 and #276-174 breadboard, above. 277-061 11.95
- Op Amp IC Project Parts Kit.** For 20 projects. Use with #276-5011 and #276-174 breadboard, above. 277-062 11.95

Our Biggest & Brightest LEDs



(18) **Super-Bright Red LED.** A real breakthrough. Outputs 300 mcd at 20 mA yet runs cool. Point-source type in a clear epoxy T-1 3/4 package. 276-066 . 99¢

(19) **NEW! Jumbo Red LED.** Two LED elements connected cathode-to-cathode in a 10mm diameter housing. Three-lead pinout lets you use separate current limiting resistors. It's really big! 276-065 1.19

Infrared LEDs & CdS Cell

- (22) **TIL906-1.** High-output infrared (IR) LED. 276-143 1.49
- (23) **TIL414.** IR photo transistor. High-speed NPN. 50 mW. 276-145 89¢
- (24) **IR Pair.** LED emitter, photo transistor detector. 276-142 Pair 1.99
- (25) **CdS Photocell.** Photo resistor rated 200 mW at 170 volts, max. 1/2 x 1/4". 276-116 1.39

Fiber-Optics Components

- (20) **Optical Fiber Cable.** 3-meter length of high-quality optical cable is ideal for experiments. 276-228 5.99
- (21) **Emitter/Detector Set.** Use to send analog or digital signals through fiber optic cable. With data. 276-225 4.99

LED Flasher IC & Optocoupler

- (26) **LM3909 LED Flasher.** Pulses LEDs with a minimum of current and external parts. Many other uses! 8-pin DIP. 276-1705 1.69
- (27) **MOC3010 Optocoupler.** Triac output. The ideal interface between logic-level signals and 120 VAC circuits, up to 100 mA. LED input. 1000-volt isolation, minimum. 6-pin DIP. 276-134 1.99

Solar Power Items



- (28) **Solar Energy Project Set.** Perfect for science projects. Includes solar cell pre-wired to DC motor, color wheels, propeller and booklet with projects. 277-1201 9.95
- (29) **Silicon Solar Cell.** 2.5 x 5cm cell produces about 0.2 amp at 0.42 VDC in full sun. Use several to charge batteries or power projects. Manufacturer's prime, produced exclusively for Radio Shack. 276-124 3.95

Bargraph Display And Driver ICs



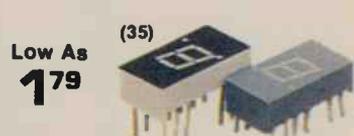
- (30) **LED Bar Graph Display.** Easy way to add metering to audio and other circuits. Ten red segments. Fits 20-pin socket. 276-081 2.99
- (31) **LM3914 LED Display Driver.** 10 adjustable analog steps, selectable bar or dot mode. Stackable to 100 steps. 18-pin DIP with data. 276-1707 2.99
- LM3916.** Bargraph driver for fast-response VU metering. 276-1709 2.99

Panel-Mount LEDs



- (32) **Two-Color.** Outputs red and green. Requires 3 VDC at 10 mA per segment. 3/16" mtg. hole. 276-025 1.49
- (33) **Chrome Holders.** 1/4" mtg. hole.
- | Color | Cat. No. | Pkg. of 2 |
|-------|----------|-----------|
| Red | 276-068 | 1.89 |
| Green | 276-069 | 1.89 |
- (34) **Snap-In Holders.** Red output. 5/16" mtg. hole. 276-018 Pkg. of 2/1.99

Digital Displays



- Low As **1.79**
- (35) **Seven-Segment LED Displays.** Fit 14-pin DIP sockets. Specs included.
- | Common | Cat. No. | Each |
|---------|----------|------|
| Anode | 276-053 | 1.79 |
| Cathode | 276-075 | 1.79 |
- (36) **Yellow Version of #276-053.** Common anode. 276-076 ... Pkg. of 2/1.98

VALUES IN DIGITAL ICs, DIODES & REGULATORS

Logic Probe and Pulser Speed Up TTL/LS and CMOS Testing

NEW FOR 87

(1) **16⁹⁵**

NEW FOR 87

(2) **17⁹⁵**

Both Have 36" Leads With Clips to Obtain Power From Tested Circuit

(1) **NEW! Digital Logic Probe.** The fast way to "peek inside" TTL, LS and CMOS digital circuits, memory, microprocessor and peripheral chips. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees your eyes for faster testing. Has switches for normal or pulse modes, CMOS or TTL/LS testing. Input impedance 100k ohms. Minimum detectable pulse width: 50 ns. Operates from 4.7 to 15 VDC. With instructions. 22-303 16.95

(2) **NEW! Digital Logic Pulser.** Together, the pulser and probe make an effective diagnostic team for testing today's digital circuits. Produces single 5µs pulse or a continuous 5 Hz pulse train at the push of a button. Features overload protection and low output impedance. Operates from 4.7 to 15 VDC. 22-304 17.95

Line Driver ICs For Data Transfer

NEW LOW PRICES!

1²⁹

Were \$1.79 in 1986 Catalog

MC1488 RS232 Quad Line Driver. Lets you hook up terminals and remote peripherals with a simple "twisted pair". Also mixes different logic families. Protected, current limited output. 14-pin DIP with data. 276-2520, 1.29

MC1489 RS232 Quad Line Receiver. Use with above. Performs logic-level translation and can provide multiple outputs. 14-pin DIP with data. 276-2521 1.29

4000-Series CMOS ICs

With Pin-Out And Specs

Low As **79^c**

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	4001	276-2401	.79
Quad 2-Input NOR Gate	4011	276-2411	.79
Dual Type-D Flip Flop	4013	276-2413	1.19
Decade Counter/Divider	4017	276-2417	1.49
Inverting Hex Buffer	4049	276-2449	.99
Quad Bilateral Switch	4066	276-2466	1.19

TTL Digital ICs

With Pin-Out And Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.89
Hex Inverter	7404	276-1802	.99
Quad 2-Input AND Gate	7408	276-1822	1.29
BCD to 7-Seg. Driver	7447	276-1805	1.69
Div. by 2/5 BCD Counter	7490	276-1808	1.19

Voltage Regulator ICs for Replacement and Projects



Low As **99^c**



NEW LOW PRICES!

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

LM723. Adjustable from 2 to 37 VDC. 150 milliamps maximum. 14-pin DIP. 276-1740 99^c

NEW LOW PRICE! LM317T. Adjustable from 1.2 to 27 VDC output. Heat sink such as #276-1363 (Fig. 8 on next page) is required for maximum current rating of 1.5 amps. TO-220 case. Was \$2.79 in 1986 catalog. 276-1778 1.99

NEW LOW PRICES! Fixed Regulators. Feature built-in overload protection and thermal shutdown. When control lead is grounded, regulated voltage is available at the output. Maximum input: 35 VDC. Heat sink (#276-1363 or similar) is required for full current rating of 1 amp. TO-220 cases. Were \$1.59 in 1986 catalog.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	1.19
7812	+ 12	276-1771	1.19
7815	+ 15	276-1772	1.19

SCRs, Triacs

Low As **99^c**

TO-220 Cases

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

Voltage	Cat. No.	Each
200	276-1067	.99
400	276-1020	1.19

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Voltage	Cat. No.	Each
200	276-1001	1.29
400	276-1000	1.49

Switch and Signal Diodes

1N914/4148. Silicon switching type. 75 peak inverse voltage (PIV).

276-1122 Pkg. of 10/99^c

1N34A. Hard-to-find general-purpose germanium. 60 PIV

276-1123 Pkg. of 10/99^c

99^c
Pkg. of 10

One-Watt Zener Diodes

Type	Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

89^c
Pkg. of 2

Protectors Prevent Static Damage



(3)



(4)

(3) **Conductive Foam Mat.** 5x5". For workbench or shipping. Protects sensitive ICs and components from static discharge. Easily cut. 276-2400 89^c

(4) **Static-Draining Wrist Strap.** Easily adjusts to fit any wrist. 24" ground lead with clip. 276-2399, 2.19

IC Inserter/Extractor Tools



6⁹⁵ Handle DIP ICs The Safe Way

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices. 276-1574 6.95

Rectifiers and Bridges for Power Supplies and Replacement

NEW FOR 87

(5)

(6)

(7)

(8)

(9)

(11)

(5) **NEW! 40-Volt, 1-Amp Schottky Barrier Diode.** Low 0.55-volt forward voltage drop. Fast 0.2 µs reverse recovery time. Ideal for switching power supplies. 276-1165 Pkg. of 2/99^c

(6) **Micromini 1-Amp Diodes.** 30-amp surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

(7) **3-Amp "Barrel" Diodes.** 200-amp surge

Type	(PIV)	Cat. No.	Pkg of 2
1N5400	50	276-1141	.79
1N5402	200	276-1143	.89
1N5404	400	276-1144	.99

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high-voltage, high-current power supplies. Only 1/4 x 3/16" 276-1114 Pkg. of 3/1.49

(8) **4-Amp Full-Wave Bridge Rectifiers.**

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.89

(9) **1-Amp, 50 PIV Full-Wave Bridge Rectifier.** Rated 25 amps. For PC board or socket mounting. Two fit into a 14-pin DIP socket. 276-1161 89^c

(10) **25-Amp, 50 PIV Full-Wave Bridge Rectifier.** 1/8" square metal case. 276-1185 2.69

(11) **6-Amp, 50 PIV Full-Wave Bridge Rectifier.** Heavy-duty. 3/16 x 3/16 x 3/16". 276-1180 2.19

NEW! 6-Amp, 250 PIV Full-Wave Bridge Rectifier. 276-1181 1.99

15-Amp, 50 PIV Full-Wave Bridge Rectifier. 276-1184 1.99

1.5 Amp Full-Wave Bridge Rectifiers. M548 cases.

PIV	Cat. No.	Each
50	276-1151	1.09
100	276-1152	1.19

ARCHER® TRANSISTORS & ACCESSORIES

Revolving Credit Available
See Page 3

"How-To" Books for Builders, Technicians and Students

(1) **Semiconductor Reference Guide.** New 1987 edition! Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack linear and digital ICs, modules, SCRs, LEDs, diodes and opto devices. Illustrated. 288 pages. 276-4010 **3.99**

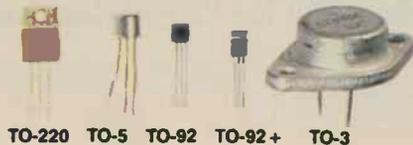
(2) **Getting Started in Electronics.** By Forrest Mims III. We think it's the perfect "hands on" introduction to the exciting world of electronics. Features large schematic diagrams and easy-to-understand text by one of America's most popular technical authors. Learn as you build! 128 pages. 276-5003 **2.49**

NEW FOR 87

(1) **3.99**

(2) **2.49**

We're Your Replacement Transistor Source



Include Data and Pin-Out

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

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE Type	Sylvania ECG*	RCA Type SK*						
2N1305 (G)	53	158	3004	PNP	SW	150mW	TO-5	276-2007	1.29
MPS2222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.59
MPS3904	20	123A	3122	NPN	SW	350mW	TO-92	276-2016	.59
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.59
MJE34	34	197	3084	PNP	P	90W	TO-220	276-2027	1.49
2N3053	241	128	3024	NPN	P	1W	TO-92+	276-2030	.79
TIP120	—	261	3180	NPN	D	65W	TO-220	276-2068	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	1.99
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.49

N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max μ mhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	.79
MPF102	VHF Amp, Mixer	310mW		TO-92	276-2062	.79

* In most circuits. See product package for exact device specs.

D = Darlington
G = Germanium
GP = General Purpose

P = Audio Power Amp, Switch
SW = Switch

NOTE: Parameters are at 25° C.

TV and Power Types

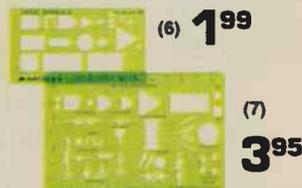


(3) **25C1308.** NPN transistor used as horizontal output in many late-model 19" color TVs. Replaces ECG-238, GE-38 and SK-3115. TO-3 case. With insulator, bushings. 276-2055, 6.95

(4) **NEW LOW PRICE! IRF-511 Power MOSFET.** Handles up to 60 VDC and 3 amps of current. "On" resistance only 0.6 ohm. TO-220 case. \$2.79 in '86 catalog. 276-2072 ... 1.99

(5) **NEW! BS170 MOSFET.** N-channel TMO5 transistor is ideal for high-voltage, high-speed jobs. Handles up to 60 VDC and 0.5 amps. Rated 0.83 watts. Easily paralleled to increase current capability. Virtually immune to thermal runaway. TO-92 case. 276-2074 1.19

Symbols Stencils



(6) **Logic Template.** This durable transparent guide with computer logic symbols helps you produce accurate, "book-quality" systems designs and flow charts. 276-186 1.99

(7) **Circuit Symbols Stencil.** Helps you draw accurate and easy-to-read schematic diagrams. 276-180 3.95

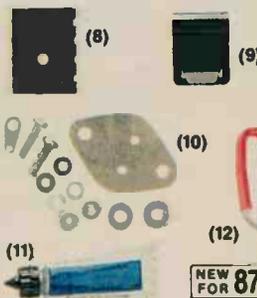
Dynamic Transistor Checker Tests In or Out of Circuit

14.95 Tests PNPs, NPNs, Silicon And Germanium Types



An inexpensive yet very useful addition to your workbench! Lets you make fast good/bad tests on small-signal and power transistors. Also allows you to match similar transistors. Lamp indicates relative current gain, "opens" and "shorts". Has a front-panel pin socket plus color-coded hook-clip leads for in-circuit tests. Output jacks let you connect to an external meter or scope for more in-depth tests. 2 3/4" x 4 3/8" x 1 3/16". With instructions. Requires "AA" battery. 22-025 14.95

Heat Sinks



(8) **TO-220 Heat Sink.** Anodized aluminum. For devices in TO-220 cases. 276-1363 **79¢**

(9) **Clip-On Heat Sink.** For TO-220 Devices. 276-1367 **Pkg. of 2/89¢**

(10) **Mounting Hardware.** For power semiconductors. With screws, insulating washers, solder lug, bushings. For TO-3 cases. 276-1371 **Set 49¢**
For TO-220 cases. 276-1373 **Set 49¢**

(11) **Heat Sink Grease.** Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 **1.39**

(12) **NEW! Heat Sink for Soldering.** Strong spring clip with insulated handle. Essential for safe soldering of semiconductors and low-power passive components. 276-1567 **1.19**

Wire Wrapping for Easier and Faster Building



(13) (14) **Wire-Wrapping Sockets.** Square 0.25" posts accept three levels of wire.

Pins	Cat. No.	Pkg. of 2	Pins	Cat. No.	Each
8	276-1988	1.19	28	276-1983	1.39
14	276-1993	1.29	40	276-1984	1.99
16	276-1994	1.39			

(15) **NEW! Wire-Wrapping Posts.** Insert and securely lock into standard perforated and PC boards. Accept three levels of wrap. 0.025" square. 276-1987 **Pkg. of 20/89¢**

(16) **Wire-Wrapping Tool.** Balanced 4 1/2" all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. 276-1570 **5.95**

(17) **30-Gauge Wire for Wrapping.** 50-ft spools.

Color	Cat. No.	50-ft. Spool
Red	278-501	2.39
White	278-502	2.39
Blue	278-503	2.39
Yellow	278-504	2.39

TV and Power Types

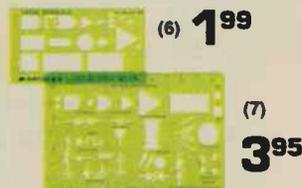


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(5) **NEW! BS170 MOSFET.** N-channel TMO5 transistor is ideal for high-voltage, high-speed jobs. Handles up to 60 VDC and 0.5 amps. Rated 0.83 watts. Easily paralleled to increase current capability. Virtually immune to thermal runaway. TO-92 case. 276-2074 1.19

Symbols Stencils



(6) **Logic Template.** This durable transparent guide with computer logic symbols helps you produce accurate, "book-quality" systems designs and flow charts. 276-186 1.99

(7) **Circuit Symbols Stencil.** Helps you draw accurate and easy-to-read schematic diagrams. 276-180 3.95

Accessories for Building With DIP ICs

Low-Profile Sockets

Low As **49¢**

High-quality non-wicking solder-type sockets for PC board use.

Type	Cat. No.	Pkg. of 2
8-Pin	276-1995	.59
14-Pin	276-1998	.69
16-Pin	276-1998	.69

Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
24-Pin	276-1989	.79
28-Pin	276-1997	.89
40-Pin	276-1996	.99

Jumper and Header

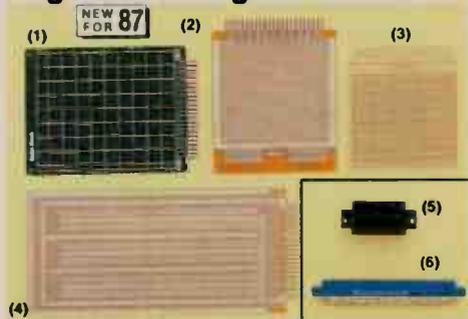


(18) **16-Pin DIP Jumper.** Simplifies interconnection of digital projects. Two 16-position DIP plugs connected by an 18"-long color-indexed ribbon cable. 276-1976 **3.99**

(19) **16-Position DIP Component Carrier.** Plug-in module mounts resistors, capacitors, jumpers and more. Fits standard 16-pin DIP socket. With cover. 276-1980 **1.69**

ARCHER® PCs—THE BASES FOR GREAT PROJECTS

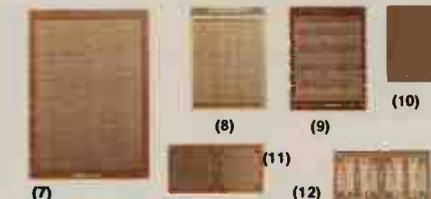
Edge-Card Plug-In PC Boards



All Fit 44-Position Socket (Fig. 6)

- (1) **NEW Plug-In Board With Ground Plane.** Premium quality! Masked on both sides to prevent solder bridges. Has 2066 indexed, solder-ringed holes arranged in a multipurpose grid array. $4\frac{1}{2} \times 5\frac{1}{16}$ " component area. 276-188 4.99
- (2) **Plug-In Board With RS-232 Ports.** Ideal for computer interfacing projects. $4\frac{3}{16} \times 5\frac{1}{16}$ ". Has predrilled holes to accept two PC-type RS-232 connectors (#276-1521, below). Two buses, 1020 solder-ringed holes in DIP pattern for circuitry. 276-187 3.99
- (3) **Multipurpose Plug-In Board.** $4\frac{1}{2} \times 4$ " with $\frac{1}{16}$ " grids. Two buses. 276-152 2.99
- (4) **3-Voltage Source.** Like Fig. 3, but has three buses. Ideal for op-amp circuits. 276-154 2.99
- (5) **Jumbo Plug-In Board.** $4\frac{1}{2} \times 9\frac{9}{16}$ ". Accepts up to twenty-four 16-pin DIP sockets with plenty of room for discretes. Two supply buses. 276-190 5.95
- (6) **Jumbo IC/Discrete Board.** Like Fig. 4 but accepts up to forty 16-pin DIPs. Single bus. 276-191 5.95
- (7) **Sub-D 25-Position Right-Angle Connector.** Use with Fig. 2 for computer projects. 276-1521 3.29
- (8) **44-Position Card-Edge Socket.** 276-1551 2.99

Predrilled PC Boards



Etched Patterns—Ready for Your Circuits

(7) **Grid Boards.** Accept DIP ICs, sockets and headers. Columns and rows are indexed to help you identify component pin outs. Solder-ringed holes.

Size	Holes	Cat. No.	Each
$4\frac{1}{2} \times 6\frac{5}{8}$ "	2200	276-147	2.99
$2\frac{3}{4} \times 3\frac{3}{4}$ "	750	276-158	1.95
$12\frac{7}{32} \times 22\frac{7}{32}$ "	356	276-149	.79

Dual Version of #276-158. 276-161 2.95

(8) **Universal PC Board.** Accepts ICs up to 40 pins. Has a total of 750 indexed, solder-ringed holes, two buses, one grounding strip, mounting holes at corners. $3\frac{3}{8} \times 2\frac{7}{8}$ ". 276-168 1.95

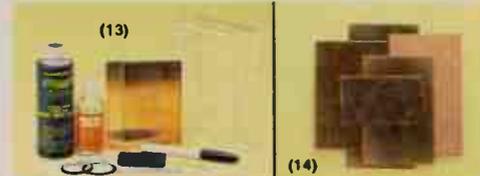
(9) **IC/LSI Board.** For LSI ICs up to 40 pins. Has 750 solder-ringed holes and is indexed on both sides. DIP centers. $2\frac{1}{2} \times 3\frac{3}{4}$ ". 276-162 1.95

(10) **Multipurpose Board.** Two bus strips at the center. PC pattern printed on component side speeds building. 417 solder points. $12\frac{7}{32} \times 22\frac{7}{32}$ ". 276-150 79¢

(11) **Dual Mini General-Purpose Board.** 213 holes. $1\frac{3}{4} \times 3\frac{3}{8}$ ". Can be snapped in half. 276-148 99¢

(12) **Dual IC Board.** Accepts two 6 to 20-pin DIPs. Four connecting points for each IC pin. $1\frac{3}{4} \times 3\frac{3}{8}$ ". 276-159 1.49

Etch Your Own PC Boards



(13) **PC Board Kit.** Everything you need to get started! Includes two $4\frac{1}{2} \times 3$ " solid copper-clad boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, $\frac{1}{16}$ " drill bit and instructions. 276-1576 9.95

Extra Pen. 276-1530 1.59

Extra Etching Solution. 16 ounces in plastic bottle. 276-1535 2.69

(14) **PC Board Assortment.** 85 square inches! May include phenolic, glass, double and single-sided boards. Keep some on hand for unexpected projects. 276-1531 1.98

PC Rub-Ons for "Pro" Results



(15) **Direct-Etch Dry Transfers.** Just use a pencil to transfer circuit traces to a copper clad board and you're ready to etch. Includes four sheets of circles, strips, IC pads, transistor pads and more. 276-1577 Set 2.69

(16) **NEW! Round Pads.** Includes two $3\frac{3}{4} \times 6\frac{15}{16}$ " sheets of general-purpose .1" diameter pads. 276-1592 2.49

(17) **NEW! IC Pads.** ICs only! Two $3\frac{3}{4} \times 6\frac{15}{16}$ " sheets of pads arranged in standard DIP format. 276-1593 2.49

IC-Spacing Perforated Boards

Low As **1.79**

If you prefer wrapping or point-to-point wiring, these are for you. All have .042" prepunched holes in standard .100 x .100" grid pattern.

Size	Cat. No.	Each
$4\frac{1}{2} \times 6$ "	276-1394	1.99
$2\frac{3}{4} \times 6$ "	276-1395	1.79
6×8 "	276-1396	2.99

Archer Enclosures—The Ideal Finishing Touch!



High-Style Two-Tones

Easy-to-work metal with eggshell white bottoms, black tops. Include assembly hardware and protective rubber feet.

Low As **6.99**

Size	Cat. No.	Each
$1\frac{15}{16} \times 8\frac{1}{4} \times 6\frac{1}{8}$ "	270-272	6.99
$3\frac{1}{16} \times 8\frac{1}{4} \times 6\frac{1}{8}$ "	270-274	8.99

Economy Cases

Low As **1.69**

Styrene with internal slots for PC boards.

Size	Cat. No.	Each
$4 \times 2 \times 1\frac{3}{16}$ "	270-220	1.69
$4 \times 2\frac{7}{16} \times 1\frac{1}{16}$ "	270-221	1.89
$4\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{2}{5}$ "	270-222	2.19
$6 \times 3\frac{3}{16} \times 1\frac{7}{8}$ "	270-223	2.69
$7\frac{1}{2} \times 4\frac{1}{4} \times 2\frac{1}{5}$ "	270-224	2.99

Metal Cabinets

Low As **2.99**

Vented steel tops, easy-to-work aluminum chassis, protective rubber feet, and hardware.



Size	Cat. No.	Each
$3\frac{1}{4} \times 2\frac{1}{8} \times 4$ "	270-251	2.99
$4 \times 2\frac{3}{8} \times 6$ "	270-252	3.99
$5\frac{1}{4} \times 3 \times 5\frac{7}{8}$ "	270-253	4.99

Experimenter Box Bargains

Plastic bodies, aluminum covers. Low As **1.59**

Size	Cat. No.	Each
$3\frac{1}{4} \times 2\frac{1}{8} \times 1\frac{1}{8}$ "	270-230	1.59
$4 \times 2\frac{1}{8} \times 1\frac{1}{8}$ "	270-231	1.69
$5\frac{1}{8} \times 2\frac{3}{8} \times 1\frac{1}{8}$ "	270-233	1.99
$6\frac{1}{4} \times 3\frac{3}{4} \times 2$ "	270-627	2.39
$7\frac{3}{4} \times 4\frac{3}{8} \times 2\frac{1}{8}$ "	270-232	2.99

Dry Label Transfers

2.69 Four Sheets

The easy way to add professional labeling to projects. Includes rub-on letters, symbols, numbers and control calibration marks. For plastic and metal surfaces. 270-201 Set 2.69

Chassis Boxes

Low As **1.69**

- Strong Yet Easy-to-Work Aluminum
- Include Assembly Screws

Size	Cat. No.	Each
$2\frac{3}{4} \times 2\frac{1}{8} \times 1\frac{5}{8}$ "	270-235	1.69
$4 \times 2\frac{1}{8} \times 1\frac{5}{8}$ "	270-239	1.89
$5\frac{1}{4} \times 3 \times 2\frac{1}{8}$ "	270-238	2.49

Box and PC Combos

NEW FOR 87 Low As **3.29**

Handsome deep gray plastic enclosures include IC-spaced (0.1" pitch) general-purpose etched and drilled PC board. Aluminum covers. Include screws and self-sticking vinyl feet. $2\frac{1}{4} \times 3\frac{3}{16} \times 1\frac{3}{8}$ " 270-283 3.29

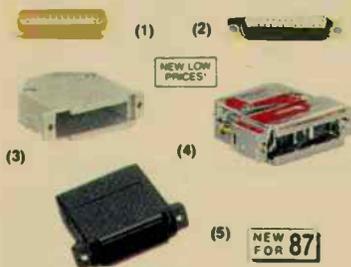
$2\frac{3}{4} \times 4\frac{3}{16} \times 1\frac{1}{4}$ " 270-284 4.39

WE ARE YOUR CONNECTOR CONNECTION

Revolving Credit Available
See Page 3

Hookups for Computers, Peripherals, Video Games

Solder-Type D-Sub



Solder-Type "D" Subminiature Connectors. Top quality. Perfect for computer interfacing and building your own extension cords.

Type	Positions	Cat. No.	Each
D-Sub Male	9	276-1537	1.49
D-Sub Female	9	276-1538	2.49
Hood for Above	9	276-1539	1.99

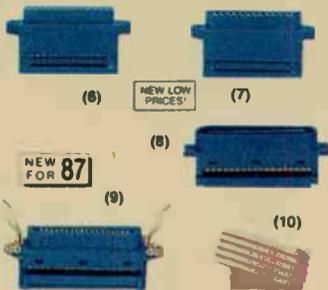
Fig	Type	Positions	Cat. No.	Each
1	D-Sub Male	25	276-1547	1.99
2	D-Sub Female	25	276-1548	2.99
3	Hood for Above	25	276-1549	1.99

Figs. 1 and 2 were \$1 more in '86 catalog.

(4) **NEW LOW PRICE!** Shielded 25-Position Hood. Metalized plastic. Preserves EMI/RFI protection when used with shielded cable. Was \$2.99 in 1986 catalog. 276-1536

(5) **NEW!** Multipurpose Hood. Use as standard hood or accepts two 25-position D-sub solder-type connectors for custom null modem adapters. 276-1520

For Ribbon Cable



Solderless RS232 Connectors. Figs. 6 and 7 were \$4.99 each in 1986 catalog.

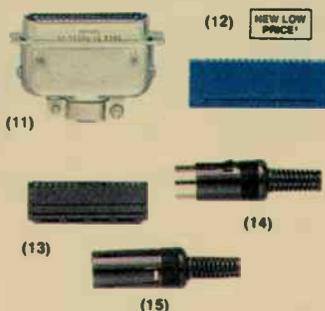
Fig.	Type	Cat. No.	Each
6	D-Sub 25 Male	276-1550	3.99
7	D-Sub 25 Female	276-1555	3.99

(8) **NEW LOW PRICE!** 36-Position Male Printer Connector. For fast repair of damaged printer connectors. Use instead of replacing the entire cable assembly. Was \$6.99 in '86 catalog. 276-1533

(9) **NEW!** 36-Position Female Printer Connector. Use with male connector (above) and ribbon cable (below) to build your own printer cable extensions. Latch locks included. 276-1523

Length	Conductors	Cat. No.	Price
5 Feet	25	278-772	3.59
5 Feet	36	278-774	4.69

For Peripherals



(11) Printer Connector. Solder-type 36-position connector for parallel printers (Centronics). Heavy-duty metal construction. 276-1534

(12) **NEW LOW PRICE!** 34-Position Card-Edge Connector. Solderless. For disk drives. Was \$4.95 in '86 catalog. 276-1564

(13) 34-Position Header Connector. With strain relief for ribbon cable. Fits parallel printer port of many microcomputers. 276-1525

(14) 6-Pin DIN Plug. Fits joystick port of Color Computer 2. Use with inline DIN jack to make joystick extension cords. 274-020

5-Pin DIN Plug. 274-003

4-Pin DIN Plug. 274-007

(15) 6-Pin DIN Jack. 274-021

5-Pin DIN Jack. 274-006

Speaker Terminal Plate

1.99

Ideal for Hi-Fi and PA Speakers

Recessed design lets you mount enclosure close to wall. Spring terminals for easy wire hookup, plus centered RCA-type phono jack with removable plug to maintain acoustic "seal" of speaker system. 274-625



Pushbutton Terminals



Low As **99¢**

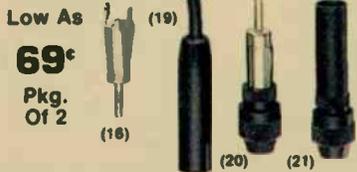
(16) Eight-Position. Spring-action lever for quick hookup and positive contact. Molded board with mounting holes 1 3/16" apart. 274-623

Four-Position Version of Above. Holes 2 3/8" apart. 274-622

Two-Position Version. 274-621

(17) Two-Position Push Terminals. Spring-action insertion/release. 2 1/8 x 3/4" board, mounting holes 1 3/8" apart. 274-315

"Car Radio" Hookups



(18) Motorola-Type Plugs. Fit car radios and most scanners. 274-711

(19) Inline Motorola-Type Jack With 4 1/2" Shielded Cable. 274-713

(20) Solderless Motorola-Type Plug. 274-709

(21) Solderless Motorola-Type Jack. 274-710

Adaptaplug™ Set



Replacement plugs for use with Radio Shack Universal AC-to-DC and DC-to-DC adapters (except #270-1528 and #270-1562). Includes 11 pieces, color-coded and indexed for easy identification. See page 78 for complete adapters. 274-1501

Cord Connectors



Low As **1.69** Each

Heavy-Duty Power Types

Indexed pins. Plugs fit only one way, and only into matching inline socket. 7.5 amps, 500 volts max. per pin.

Type	Pins	Cat. No.	Each
Plug	2	274-201	1.69
Socket	2	274-202	1.79
Plug	4	274-204	1.79
Socket	4	274-205	1.89

Safety Barrier Strips



(25) Dual-Flow. Barriers help prevent accidental contact and short circuits. Equally suited to line-voltage and security system use.

Positions	Cat. No.	Price
2	274-656	2 for 1.29
4	274-658	1.49 Each
6	274-659	1.59 Each
8	274-670	1.69 Each

(26) Feedthrough Barrier Strip. Eight screwdriver terminals with 3/16" solder tabs on rear. 274-653

(27) Eight-Position Jumper. Connects all terminals of #274-670 or #274-653. Can be cut to connect two or more terminals of barrier strips above. 274-650

DC Power Connectors

Low As **79¢**
Pkg. of 2



(28) Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. 5.0 mm outside diameter, 2.1 mm inside diameter. Include mounting hardware. 274-1565

(29) Coax Plugs. Use to replace or change power adapter connectors to fit external power sockets of most battery-operated equipment.

O.D.	I.D.	Cat. No.	Pkg. of 2
3.5 mm	1.3 mm	274-1571	1.59
5.0 mm	1.6 mm	274-1570	.99
5.0 mm	2.1 mm	274-1567	.99
5.0 mm	2.5 mm	274-1568	.99
5.5 mm	2.1 mm	274-1569	.99
5.5 mm	2.5 mm	274-1573	.99
6.3 mm	3.0 mm	274-1572	1.19

Multi-Conductor Quick-Disconnects

Low As **99¢** Pair

Female Male

Durable, highest quality nylon connectors for electronic, appliance and automotive use. Polarized to assure proper hookup. Each circuit rated 8 amps at 125 VAC.

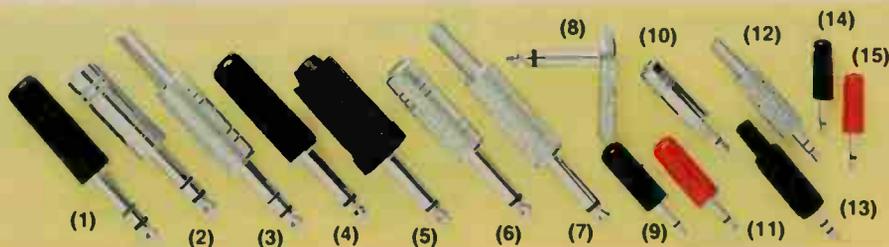
No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

Two-Pin Male/Female Set. 274-222

Use Radio Shack Components to Bring Your Ideas to Life

World Radio History

CONNECT WITH ARCHER® PLUGS AND JACKS



1/4", 1/8", and 3/32" Phone Plugs

- (1) 3-Conductor (Stereo) 1/4" Phone Plugs. Slim type with black shell. 274-139 Pkg. of 2/1.89
- (2) 3-Conductor 1/4" Phone Plug. Shielded to cut hum. Nickel plated. 1 5/8" barrel length. 274-285 1.59
- (3) 3-Conductor 1/4" Phone Plug. Shielded. With spring cable strain relief. 274-1546 1.69
- (4) 2-Conductor (Monaural) 1/4" Phone Plugs. Slim 1/2"-diameter barrel. 274-1536 Pkg. of 2/1.69
- (5) 2-Conductor 1/4" Phone Plugs. 3/4"-dia. sure-grip barrel. Screwdriver terms. 274-1539 Pkg. of 2/1.89
- (6) 2-Conductor 1/4" Phone Plugs. Shielded, slim type with 1/2"-dia. metal barrel. 274-1544 Pkg. of 2/2.49
- (7) 2-Conductor 1/4" Phone Plug. Heavy-duty shielded design with spring strain relief. 274-1545 1.49

- (8) 2-Conductor 1/4" Right-Angle Phone Plugs. Shielded, screwdriver terminals. 274-254 Pkg. of 2/1.69
- (9) 2-Conductor 1/8" Mini Phone Plugs. 1 5/8" long. Black. 274-286 Pkg. of 2/1.39
- (10) Shielded. 274-288 Pkg. of 2/1.49
- (11) Red. 274-287 Pkg. of 2/1.39
- (12) 3-Conductor Shielded 1/8" Mini Phone Plug. With strain relief spring. 274-1547 1.59
- (13) 3-Conductor 1/8" Mini Phone Plugs. Solder terminals. 274-284 Pkg. of 2/1.69
- (14) 2-Conductor 3/32" Submini Phone Plugs. Solder terminals. 1 5/16" long. Sets of 2. Black. 274-289, 2/99c
- (15) Red, 274-290, 2/99c



Phono (RCA-Type) Plugs

- (16) Solderless Right-Angle Phono Plugs. Two red, two black. Ideal for audio. 274-383 Set of 4/1.29
- (17) Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/1.39
- (18) Plastic Phono Plugs. Mate with any phono jacks. Twist-together plastic housing. 274-319 4/1.19
- (19) Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/1.79
- (20) Shielded Phono Plugs. Easy to solder. Mate with all phono jacks. 274-339 Pkg. of 2/1.29
- (21) Color-Coded Phono Plugs. Plastic covers. Inter-nal cable clamp. Assorted colors. 274-321 Pkg. of 8/1.59



DIN-Type Connectors

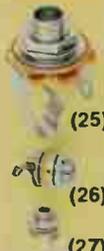
For microcomputers and European audio equipment. Solder terminals.

Fig	Type	Pins	Cat. No	Price
22	Plug	4	274-007	1.49
22	Plug	5	274-003	1.49
22	Plug	6	274-020	1.29
23	Chassis Jack	5*	274-005	.59
24	Inline Jack	5*	274-006	1.49
	Inline Jack	6	274-021	.99

* Also accepts 3-pin plugs

Open-Frame Jacks

- (25) 2-Conductor 1/4" Open Circuit. 274-252 2/1.29
- 2-Conductor 1/4" Closed Circuit. 274-255, 2/1.59
- 3-Conductor 1/4" Open Circuit. 274-312 2/1.79
- (26) 2-Conductor 1/8" Miniature Phone Jacks. Mount in 1/8" hole. Usable in panels up to 1/8" thick. Open Circuit. 274-251 Pkg. of 3/1.29
- Closed Circuit. 274-253 Pkg. of 3/1.39
- (27) 2-Conductor 3/32" Subminiature Phone Jacks. Closed circuit type. 274-292 Pkg. of 2/1.19



Enclosed Jacks



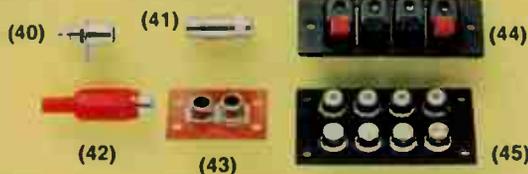
Fig	Size	Cond	Circuit	Cat. No	Price
28	1/4"	2	Open	274-280	.69
29	1/8"	2	Open	274-297	2/1.49
29	1/8"	2	Closed	274-296	2/1.39
30	1/8"	3	Open	274-249	2/1.59
30	1/8"	3	Closed	274-250	2/1.79

Mike Connectors



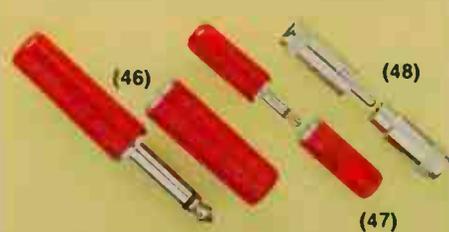
- (37) NEW! 8-Pin Mike Plug. Fits popular Ham transceivers. Great for adding accessories. Cable strain relief. 274-025 2.19
- (38) 4-Pin Plug. Many communications uses. Cable strain relief. 274-001 1.59
- (39) 4-Pin Chassis-Mount Socket. Accepts 4-pin plug. 274-00299c

Phono (RCA-Type) Jacks



- (40) Shielded Phono Jacks. Fits 1/4" mounting hole. Solder lug terminals. 274-346 Pkg. of 4/1.79
- (41) Shielded Inline Phono Jacks. Solder lugs. Metal construction prevents hum. 274-338 Pkg. of 2/1.29
- (42) Plastic Inline Phono Jacks. Hex-shape. Strain relief, twist-together plastic housing. 274-337 Pkg. of 4/1.19
- (43) Dual Phono Jacks. Chassis mount for stereo changers, amplifiers, receivers, more. 274-332 Pkg. of 2/99c
- (44) 4-Position Phono Jack Board. 274-322 99c
- (45) 8-Position Phono Jack Board. 274-370 1.29

Plug and Inline Jack Sets



- (46) 1/4" 2-Conductor. Two plugs, two jacks. One set red, one black. Screwdriver terminals. 274-1241 Pkg. of 2 Sets/2.59
- (47) 1/8" 2-Conductor. 274-283 2 Sets/1.89
- (48) Shielded Phono Plugs, Jacks. Two phono plugs and two jacks. 274-334 Pkg. of 2 Sets/1.89

See Page 31 for More Audio Plugs, Patch Cables and Adapters

PLUG ADAPTERS AND XLR CONNECTORS

Revolving Credit
Available
See Page 3

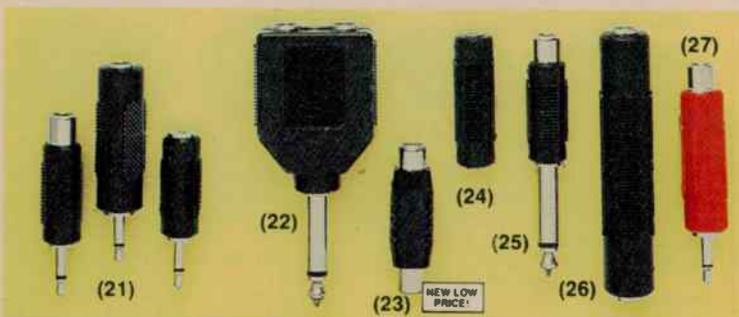
Headphone and Dubbing Adapters

Adapters on this page provide reliable hookups between different connector formats. Many are Radio Shack exclusives and all (except XLRs) will handle line and speaker level signals.



- (1) **NEW!** Accepts $\frac{3}{32}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Stereo Jack. Lets you use stereo headphones having a submini plug with portable players. 274-377 1.59
- (2) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{3}{32}$ " Stereo Jack. 274-373 2.39
- (3) Accepts Two $\frac{1}{8}$ " Monaural Plugs. Plugs into $\frac{1}{8}$ " Stereo Jack. Separate left and right channel outputs from a single $\frac{1}{8}$ " stereo jack. 274-375 2.69
- (4) Accepts Two $\frac{1}{8}$ " Stereo Plugs. Plugs into $\frac{1}{8}$ " Stereo Jack. "Y" adapter lets you use two stereo headsets with one personal stereo. 274-313 2.79
- (5) **NEW!** Accepts Phono Plug. Plugs into $\frac{1}{8}$ " Stereo Jack. Combines left and right channels. 274-378 1.49
- (6) Accepts Two Phono Plugs. Plugs into $\frac{1}{8}$ " Stereo Jack. L-R color-coded. Use as a combiner or splitter. 274-369 1.99
- (7) Accepts $\frac{1}{8}$ " Monaural Plug. Plugs into $\frac{1}{8}$ " Stereo Jack. Combines left and right channels from an $\frac{1}{8}$ " stereo jack for monaural headphones. 274-374 1.19
- (8) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Stereo Jack. Use "home-type" stereo headphones with personal stereo portables. 274-366 2.69
- (9) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Stereo Jack. Right-angle type. Use mini stereo headphones with equipment having $\frac{1}{8}$ " stereo jacks. 274-371 2.59
- (10) Straight Version of Fig. 9. 274-367 2.39

- (11) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Monaural Jack. Use comfortable "mini" stereo headphones with Ham, shortwave, CB and scanner radios. 274-348, 1.59
- (12) Accepts $\frac{1}{8}$ " Stereo or Monaural Plug. Plugs into $\frac{1}{8}$ " Stereo or Monaural Jack. For tight spaces. 90° bend helps prevent cord damage. 274-372 1.99
- (13) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Monaural Jack. Use "mini" stereo headphones with TVs, portable radios, recorders. 274-368 1.29
- (14) Accepts Two Phono Plugs. Plugs into $\frac{1}{8}$ " Stereo Jack. "Y"-adapter for playback or recording. L-R color coded. 274-308 3.19
- (15) Accepts Two $\frac{1}{4}$ " Stereo Plugs. Plugs into $\frac{1}{4}$ " Stereo Jack. Share your music! Use two stereo headphones with one $\frac{1}{4}$ " stereo headphone jack. 274-302 3.19
- (16) Accepts Two $\frac{1}{8}$ " Monaural Plugs. Plugs into $\frac{1}{8}$ " Mono Jack. 274-310. 1.59
- (17) Accepts $\frac{1}{4}$ " Stereo Plug. Plugs into $\frac{1}{4}$ " Stereo Jack. Use stereo headphones with CB, ham, shortwave, scanner radios. 274-360 1.59
- (18) Accepts $\frac{1}{8}$ " Stereo Plug. Plugs into $\frac{1}{8}$ " Monaural Jack. Same function as Fig. 17, but for equipment having $\frac{1}{8}$ " jack. 274-361 1.59
- (19) Accepts $\frac{1}{8}$ " Monaural Plug. Plugs into $\frac{1}{4}$ " Stereo Jack. Permits listening or recording in mono from $\frac{1}{4}$ " stereo headphone jack. 274-363 1.59
- (20) Accepts Phono Plug. Plugs into $\frac{1}{4}$ " Stereo Jack. 274-365 1.39



Adapters for Various Hookups

- (21) Three-Piece Monaural Adapter Set. Accept $\frac{3}{32}$ " submini plug, $\frac{1}{4}$ " phone plug, phono plug. All plug into $\frac{1}{8}$ " monaural jack. 274-359 Set 2.49
- (22) Accepts Two $\frac{1}{4}$ " Monaural Phone Plugs. Plugs into $\frac{1}{4}$ " Monaural Jack. Use two mikes with single mike input on recorder or amplifier. 274-309 2.59
- (23) **NEW LOW PRICE!** Accepts Two Phono Plugs. Connects two cables with phono plugs. Was \$1.39 in 1986 catalog. 274-1553 Pkg. of 2/1.19
- (24) Accepts Two $\frac{1}{8}$ " Stereo or Mono Plugs. 274-1555 1.29
- (25) Accepts Phono Plug. Plugs into $\frac{1}{4}$ " Monaural Phone Jack. 274-320 Pkg. 2/2.19
- (26) Accepts Two $\frac{1}{4}$ " Stereo or Mono Phone Plugs. 274-1556 1.79
- (27) Signal Reducer. Accepts Phono Plug. Plugs into $\frac{1}{8}$ " Monaural Jack. Built-in 40 dB attenuator lets you use a portable recorder's mike input to tape from line-level aux or tape-out sources without distortion. 274-300 2.19

Shielded Monaural Adapters

Metal Shielding
Eliminates "Hum"



- (28) Accepts $\frac{1}{8}$ " Plug. Plugs into $\frac{1}{4}$ " Jack. 274-325 1.29
- (29) Accepts $\frac{1}{8}$ " Plug. Plugs into Phono Jack. 274-326 1.29
- (30) Accepts $\frac{3}{32}$ " Submini Plug. Plugs into $\frac{1}{8}$ " Jack. 274-328 1.39
- (31) Accepts $\frac{1}{8}$ " Plug. Plugs into $\frac{3}{32}$ " Submini Jack. 274-327 1.29
- (32) Accepts $\frac{1}{4}$ " Phone Plug. Plugs into $\frac{1}{8}$ " Jack. 274-047 1.39
- (33) Accepts $\frac{1}{4}$ " Phone Plug. Plugs into Phono Jack. 274-389, Pkg. of 2/2.39
- (34) Accepts Phono Plug. Plugs into $\frac{1}{8}$ " Jack. 274-330 1.39
- (35) Accepts Two Phono Plugs. Plugs into Phono Jack. "Y"-adapter for combining or dividing monaural signals. 274-303 1.79
- (36) Accepts Two Phono Plugs. Plugs into $\frac{1}{4}$ " Phone Jack. "Y"-adapter for combining or dividing signals. 274-304 1.79
- (37) **NEW!** Accepts Phono Plug. Plugs into Phono Jack. 90° bend is ideal for tight spaces—helps prevent broken jacks and cable damage. 274-306 1.79.



XLR Connectors and Adapters

For "Pro" Audio Systems

- (38) 3-Pin Plug. All-metal die-cast body for durability and shielding. Satin finish. 274-010 3.29
- (39) 3-Pin Inline Socket. Mates with Figs. 38 and 42. Cable strain relief. 274-011 3.29
- (40) 3-Pin Panel Socket. Latching type with push-button release. Accepts Figs. 38 and 42. 274-013 3.69
- (41) Adapter/Transformer. Accepts XLR Plug. Plugs into $\frac{1}{4}$ " Phone Jack. Use XLR mike with amplifier or recorder that has $\frac{1}{4}$ " jack. Adapts low-Z balanced to high-Z unbalanced input. 274-016 10.49
- (42) Adapter/Transformer. Accepts $\frac{1}{4}$ " Phone Plug. Plugs into XLR Jack. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 9.95
- (43) **NEW!** $\frac{1}{4}$ " Hi/Lo Matching Transformer. Accepts $\frac{1}{4}$ " Phone Plug. Plugs into $\frac{1}{4}$ " Phone Jack. Use a low-impedance mike or balanced line with high-impedance unbalanced inputs. Great for PA and recording equipment. 274-023 8.95

See Page 124 For TV/VCR, Video and RF Plug Adapters

THE SHACK® IS YOUR WIRE AND CABLE CENTER

2-Conductor Speaker Wire

(1) Low-loss all-copper conductors. Plastic insulation is polarity-marked.

Zip Cord Specials

(2) Twin-conductor stranded copper wire with plastic insulation.

Description	Gauge	Feet	Cat No	Each
Miniature Clear	24 Solid	75	278-1509	2 19
Medium Clear	22 Stranded	100	278-1385	4 59
Standard Clear	20 Stranded	75	278-1388	5 39
Low-Loss Clear	18 Stranded	30	278-1602	3 49
Low-Loss Clear	18 Stranded	60	278-008	5 99
Low-Loss Clear	16 Stranded	50	278-1267	6 49
Standard Brown	20 Stranded	100	278-1387	5 99
Heavy-Duty Brown	16 Stranded	30	278-1263	3 89
Heavy-Duty Brown	16 Stranded	100	278-1384	11 95

Description	Gauge	Feet	Cat No	Each
2-Conductor, Plastic	18	30	278-864	2 79
Miniature, Plastic	24	50	278-1301	2 79
2-Conductor, Plastic	20	30	278-1265	2 69
2-Conductor, Plastic	18	100	278-1264	7 99

Shielded Cable

Spiral or Braided Shield

Low-loss cable for mikes, audio and communications equipment. All-copper conductors.

Fig	Description	Feet	Cat No	Each
3	Miniature With Braided Shield	30	278-752	3 29
4	Heavy-Duty With Braided Shield	40	278-751	6 19
4	Single-Conductor With Braided Shield	20	278-1277	2 39
5	2-Conductor With Spiral Wrap Shield	50	278-1275	5 19
5	2-Conductor With Spiral Wrap Shield	20	278-1276	2 69

Hook-Up Wire Packs

219 Each Solid or Stranded
*Total footage. Colors vary.

Single Spools, Single Color

Fig	Type	Ga	*Ft.	Cat No
6	Solid	18	60	278-1291
7	Stranded	18	55	278-1292
7	Stranded	20	75	278-1293
6	Solid	20	80	278-1294
6	Solid	22	100	278-1295
7	Stranded	22	90	278-1296

3 Spools, 3 Assorted Colors

Fig	Type	Ga	*Ft	Cat No
6	Solid	18	60	278-1302
7	Stranded	18	45	278-1303
7	Stranded	20	60	278-1304
6	Solid	20	75	278-1305
6	Solid	22	90	278-1306
7	Stranded	22	75	278-1307

Test-Probe Wire

Flexible plastic insulation, 20-gauge stranded copper. 25 ft. long.
Red. 278-553 1.99
Black. 278-554 1.99

Two-Conductor Bonded

18-gauge stranded. Red and black insulation. 25 feet. 278-1250 3.29

Heavy-Duty Wire

12-gauge, 20-foot length.
Red. 278-1289 2.79
Black. 278-1280 2.79

Rainbow Wire Packs

Colors may vary from photo

Flexible flat cable, color-coded PVC insulation. For low-voltage hookups, intercoms. 24-gauge solid copper.
2-Conductor, 35 Ft. 278-755 2.39
4-Conductor, 25 Ft. 278-757 2.39

Telephone Cable

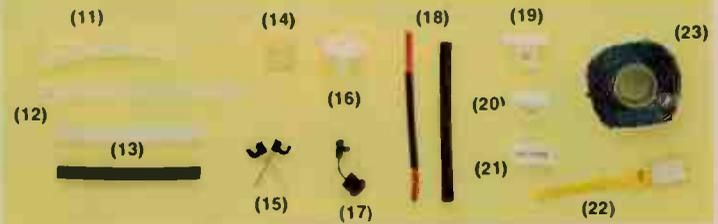


(8) 4-Conductor Cable. 24-gauge solid-copper conductors, color-coded. 50 Ft. 278-372 5.49
100 Ft. 278-373 10.95
4-Conductor Bulk. Sold by the foot. 278-1320 Price Per Foot/10c
(9) 6-Conductor. For phones and alarms. 100 ft. 278-374 13.95
(10) Modular Cable. Four conductors, 26-gauge, color-coded insulation. 50 Ft. 278-365 5.49
100 Ft. 278-366 10.98

Intercom Cable

24-Gauge, Color-Coded Insulation

Description	Feet	Cat No	Each
2-Wire Solid	75	278-559	3 29
3-Wire Stranded	50	278-371	4 39



Cable Management Accessories for Neater Wiring

(11) 4" Wire Ties. Nylon, self-locking. Unbreakable 278-1632 Pkg. of 30/1.59
5" Ties. 278-1631 Pkg. of 30/1.99
8" Ties. 278-1642 Pkg. of 30/2.99
(12) AC Cord Ties. For power cords and other cables. 278-1646 Pkg. of 6/49c
(13) Spiral Wrap. Neatly bundles long lengths of wire. Includes 5-ft clear, 5-ft black 3/8" diameter 278-1638 1.59
(14) Wire-Tie Mounts. Self-adhesive, hold ties to any smooth, non-porous surface 3/4 x 3/4" 278-441 Pkg. of 10/1.29
(15) Coax Clips. Slip over cable and nail to wall. Keeps cable neat and secure. For RG58/U. 20-192 Pkg. of 10/79c
For RG8/U. 20-193 Pkg. of 6/79c
(16) Cable Feedthrough Bushing. For neater installation of RG6 and RG8M cables. 278-1644 Pkg. of 2/49c
Bushings For RG59, RG58 and RG62 Cables. 278-1643 Pkg. of 2/49c
(17) Strain Reliefs. One-piece construction absorbs pull and twist. Set includes four SPT1, two SPT2-types 278-1636 Set of 6/69c
(18) Heat-Shrink Tubing. Fits over wire and shrinks to half its original diameter when heated 3/16 to 1/2" sizes UL listed 278-1627 Pkg. of 7/1.59
(19) Cable Clips. For cables up to 3/8" dia. Self-adhesive. For smooth, non-porous surfaces 278-1640 Pkg. of 10/1.99
(20) Cable Clips. Adjusts to wire size, up to 1/2" diameter. Self-adhesive 278-1639 Pkg. of 10/1.99
(21) Universal Cable Clip. Locking. Self-adhesive. For smooth, non-porous surfaces 278-1647 Pkg. of 10/1.99
(22) Cable Tie/Marker. Makes it easy to identify wiring. Easily marked with ball-point or felt-tip pen. For cables up to 3/8" diameter 278-1648 Pkg. of 10/1.99
(23) TV/RF Connector Sealant Tape. Ideal for TV antenna, satellite dish and other outdoor connections. Waterproof non-corrosive. Stays flexible 278-1645 2.49

Replacement Cords for AC-Operated Equipment



(24) 6-Ft. Line Cord. 18-gauge wire, with two-prong AC plug at one end, stripped leads at the other. UL listed. 278-1255 79c
(25) 6-Ft. AC Power Cord. Two-prong AC plug to female connector. For many tape recorders, radios, portables. UL listed. 278-1256 1.59
(26) 6-Ft. AC Power Cord. Three-prong AC plug to CEE-type connector. For computers, calculators and other business machines. UL listed. 278-1257 3.99
(27) 6-Ft. AC Line Cord with Three-Prong Plug. 18-gauge conductors handle up to 10 amps at 125 VAC. SVT jacket. UL listed. 278-1258 2.99

Solid Bus Wire

50 Feet. Pretinned 24-gauge bare copper wire on a plastic spool. Ideal for projects on perforated boards. 278-1341 1.49

Magnet Wire

3-Spool Set
Ideal for winding coils. Includes 40-ft. of 22-ga., 75-ft. of 26-ga., 200-ft. of 30-ga. 278-1345 4.49

SW Antenna, Accessories

(28)(30) Complete Shortwave Antenna Kit. Everything you need for an outdoor antenna. Package includes 75 feet of copper antenna wire, 50 feet of lead-in wire, window feed-through, insulators and complete instructions. 278-758 8.49
(29) Heavy-Duty Antenna Wire. 65 feet of high-strength seven-strand, 22-gauge bare copper wire 278-1329 4.59
(30) Insulators. Strong, low-loss material. For antenna center and end insulators or guy wire installation. 270-1518 Pkg. of 2/69c

Visit Your Nearby Radio Shack Store for Assistance in Selecting the Correct Wire and Cable

COAX, RF/TV CONNECTORS AND ADAPTERS



RF Connectors and Adapters

- (1) SO-239 Chassis Mount Socket. UHF-type, plated finish. 278-201 99¢
- (2) Solderless PL-259 Plug. For RG58/U cable. 278-196 Pkg. of 2/2.19
- (3) PL-259 Plug. 278-205 Pkg. of 2/1.99
- (4) UG176/U Reducer. For RG59/U cable. 278-204 Pkg. of 2/99¢
- (5) UG175/U Reducer. For RG58/U cable. 278-206 Pkg. of 2/99¢
- (6) Solderless Push-On PL-259 Plug. Plug pushes onto jack. Connector twists onto cable. For RG59/U or RG58/U cable. 278-190 1.69
- (7) NEW! Solderless PL-259 Connector for RG-59/62 and Mini-8 Coax. Twists onto cable. 278-191 1.29
- (8) Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact maintains impedance. 278-202 1.79
- (9) Inline Splicer for RG59/U. 278-203 1.79
- (10) M-359 Right-Angle Adapter. SO-239 socket to PL-259 plug. 278-199 1.99
- (11) M-358 "T" Adapter. Two SO-239 sockets to one PL-259 plug. 278-198 2.49
- (12) PL-258 Coupler. Joins two PL-259 plugs. 278-1369 1.49
- (13) Double PL-259 Adapter. Joins two SO-239 connectors. For use with inline TVI filters. SWR meters. antenna switches. 278-192 1.79
- (14) Solderless RCA-Type Plug. Ideal for video use. For RG59/U and RG62/U coaxial cables. 278-189 1.99



75-Ohm TV/FM Antenna Connectors

- (13) Type F-59. For RG59/U cable used in TV antenna systems. 278-211 Pkg. of 2/89¢
- Type F-56. For RG6/U and "Aluminax"-type coaxial cable. 278-214 Pkg. of 2/89¢
- (14) Type CF-59. For RG59/U cable. Long 1/2" crimp ring for extra holding power. 278-222 Pkg. of 2/99¢
- Type CF-56. Above for RG6/U and "Aluminax"-type coaxial cables. 278-223 Pkg. of 2/99¢
- (15) F-59 Solderless Push-On Connector. For RG59/U cable. 278-215 Pkg. of 2/89¢
- (16) F-59 Crimp Rings. For replacement of F-59 connectors. 278-216 Pkg. of 6/49¢
- F-56 Crimp Rings. 278-217 Pkg. of 6/49¢
- (17) F-61 Connectors. Mate with F-59 connector. 278-212 Pkg. 2/89¢
- (18) F-61 Coupler. Couples two F-59 connectors. 278-213 89¢
- (19) Female "F" Screw-On to Male "F" Push-On. 278-218, 99¢
- (20) "F" Male to Male Adapter. 278-219 1.39
- (21) "F" Female to Male Right-Angle Adapter. 278-221 1.69

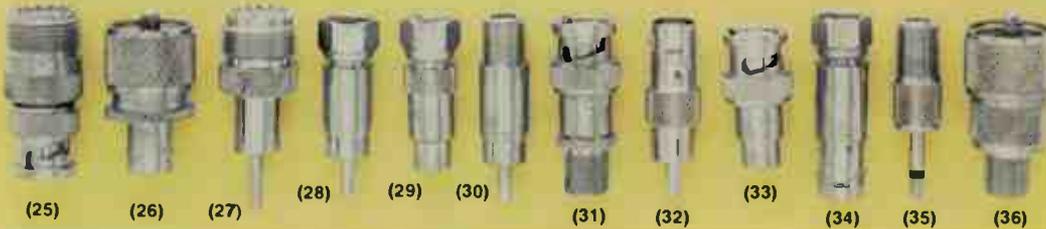


Crimping Tools

Low As **1.99** Each

- (22) Crimping Tool. For "F" connectors. (Not for #278-222 and #278-223). 278-220 1.99
- (23) Heavy-Duty Hex Crimp Tool. For "F" connectors. 278-242, 4.95
- (24) Professional Crimp Tool. Our best! Use with #278-222/223 connectors. 278-243 11.95

Wide Selection of Convenient Video and RF Adapters



- (25) UG-255/U Adapter. BNC male to SO-239. 278-120 2.39
- (26) UG-273/U Adapter. BNC female to PL-259. 278-121, 2.39
- (27) Coax Plug Adapter. SO-239 socket to Motorola or RCA-type plug. Fits scanner antenna jacks. 278-208 1.79
- (28) Male "F" to Phono Plug. 278-253 1.29
- (29) RCA-Type Phono Jack to Male "F" Connector. 278-255 1.19
- (30) Female "F" to RCA-Type Phono Plug. 278-252 1.19
- (31) Female "F" to BNC Male. 278-251 2.39
- (32) BNC Female to RCA-Type Phono Plug. 278-250 1.99
- (33) RCA-Type Phono Jack to Male BNC. 278-254 2.19
- (34) BNC Female to Male "F" Connector. 278-256 1.99
- (35) Female "F" to 1/8" Mini Plug. 278-257 1.69
- (36) Female "F" Connector to PL-259 Plug. 278-258 2.19

BNC Connectors



- (37) UG-306/U Right-Angle Adapter. Male to female. 278-116 3.99
- (38) Type 1094 Female BNC. Mounts in single 5/16" hole. 276-105 1.39
- (39) Type UG-88 Male BNC. For RG58/U cable. Solderless. 278-103 2.39
- For RG59/U and RG62/U. 278-104, 2.39
- (40) UG-914/U BNC Female to Female Adapter. 278-115 1.99
- (41) Female BNC for RG58 Cable. 278-113 2.49
- For RG59/U and RG62. 278-114 2.49

High-Grade Archer® Coaxial Cable—Made in Our Own Factory



Low As **16¢** Per Foot

Made in USA by Radio Shack! Ideal for Amateur radio, CB, TV and FM use. Features low-loss polyethylene dielectric, tough outer jacket, all-copper conductors.

Ohms	RG Type	O D (in.)	Velocity Factor	Loss Per 100 ft		Capacitance Per Foot	Center Conductor	Cat No	Price Per Ft.
52	8/U	405	66%	50 MHz, 3.0 dB 200 MHz, 5.0 dB	100 MHz, 3.5 dB 400 MHz, 8.0 dB	29 pF	13-ga 7x21	278-1325	32
52	8/M	242	75%	50 MHz, 2.2 dB 200 MHz, 4.6 dB	100 MHz, 3.0 dB 400 MHz, 7.5 dB	26 pF	16-ga 19x29	278-1328	21
52	58/U	196	66%	50 MHz, 4.0 dB 200 MHz, 8.0 dB	100 MHz, 5.3 dB 400 MHz, 12.0 dB	28 pF	20-ga solid	276-1326	16
75	59/U	242	75%	50 MHz, 1.8 dB 200 MHz, 3.9 dB 700 MHz, 9.1 dB	100 MHz, 2.8 dB 500 MHz, 7.5 dB 900 MHz, 10.6 dB	15.5 pF	22-ga solid	278-1327	16
75	6U	266	75%	50 MHz, 1.2 dB 200 MHz, 2.7 dB 700 MHz, 6.7 dB	100 MHz, 1.8 dB 500 MHz, 5.1 dB 900 MHz, 8.3 dB	18.6 pF	18-ga solid	278-1324	18

Coax Cable Stripper

10⁹⁵



Adjustable Blades. Perfect strips with RG6, RG59, RG58, RG8M and RG62 cables, and other cables from 3/16 to 5/16" diameter. 278-240 10.95

CB/Communication Coax Assemblies



- (42) 20-Ft. RG58/U. PL-259 at each end. 278-967 6.39
- 2-Ft. RG58/U Patch Cable. 278-968 4.29
- 5-Ft. RG8/U Patch Cable. 278-969 5.49
- 50-Ft. RG8/U. PL-259 plug at each end. 278-970 19.95
- 50-Ft. RG58/U. PL-259 plug at each end. 278-971 11.95
- (43) 6-Ft. RG58/U. Inline SO-239 socket to PL-259 plug. 278-975 5.29
- (44) 1-Ft. RG58/U. PL-259 plug to spade lugs. 278-966 6.39

Large-Quantity Discounts Available—See Page 93

VALUES IN FANS, TRANSFORMERS & TEST CLIPS

Quiet Fans Help Preserve Equipment



(1) **NEW FOR 87**

Low As

14⁹⁵



(3)



(1) 3" Brushless DC Fan. Surprisingly light weight yet powerful. Produces 27 cubic feet per minute airflow. Ideal for cooling circuitry sensitive to hum or AC fields created by 120 VAC fans. Ball bearings for long life and low noise. -34 dB, max. 3⁵/₃₂ x 3⁵/₃₂ x 1¹/₂". Requires 7 to 13.8 VDC. 273-243 14.95

(2) 4" 120 VAC Fan. Also great for passive solar heating units. Delivers up to 65 CFM. Features diecast venturi and leads for easy hookup. 11 watts. 4¹/₁₆ x 4¹/₁₆ x 2¹/₂". UL recognized. 273-241 15.95

(3) 3" 120 VAC Fan. Very efficient. Just right for many microcomputers. Provides 32 CFM with only 38 dB sound pressure. 11" leads. 11 watts. 3⁵/₃₂ x 3⁵/₃₂ x 1¹/₂". UL recognized. 273-242 14.95

Low-Voltage Motors



NEW FOR 87



High Torque. 8300 RPM maximum, operates from 1.5 to 3 VDC. Approx. 1¹/₂" long (including shaft) by 1⁵/₁₆" diameter. 273-223 79¢

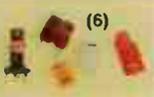
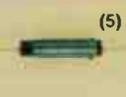
NEW! With Brass Pulley. Features built-in ferrite-bead and capacitor noise suppressor. Operates 3¹/₂ to 9 VDC. Approx. 2" long by 1¹/₈" diameter. 273-229 .. Pkg. of 2/1.49

UL Recognized Power Transformers

Seven popular values for new equipment or replacement use. Miniature types may be PC-board mounted. Standard and heavy-duty types have lugs for chassis mounting. All primaries are for 120 VAC, 60 Hz. CT = center tap.

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	12.6	300 mA	2 ¹ / ₁₆ x 1 x 1 ³ / ₁₆	273-1385	2.79
Miniature	12.6 CT	450 mA	1 ⁷ / ₁₆ x 2 ³ / ₈ x 1 ¹ / ₂	273-1365	3.59
Miniature	25.2 CT	450 mA	1 ¹ / ₁₆ x 2 ¹⁵ / ₁₆ x 1 ¹ / ₁₆	273-1366	3.99
Standard	12.6 CT	1.2 A	1 ¹ / ₁₆ x 2 ¹ / ₂ x 1 ⁷ / ₈	273-1352	4.99
Heavy-Duty	12.6 CT	3.0 A	2 ³ / ₄ x 2 ¹ / ₄ x 2	273-1511	6.99
Heavy-Duty	25.2 CT	2.0 A	2 ³ / ₄ x 2 ¹ / ₄ x 2	273-1512	7.49
Heavy-Duty	18.0 CT	2.0 A	2 ³ / ₄ x 2 ¹ / ₄ x 2	273-1515	6.99

Audio Transformer, Inductors



(4) Audio Output. 1000-ohm center-tapped primary. 8-ohm secondary. 3³/₄ x 3⁵/₈ x 5⁵/₈". 273-1380 1.29
 (5) 100 µH RF Choke. Rated 2 amps. Useful for RF filtering, bypass, peaking. Low-loss form. 273-102, 99¢
 (6) Inductor Assortment. What a bargain! This 30-piece assortment includes RF, IF and video peaking coils, various small chokes and transformers. 273-1601 1.98



Mini

Standard

Heavy Duty

Color-Coded Jumper Cables

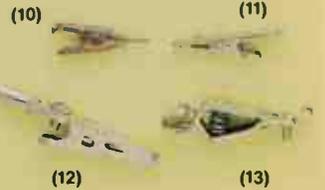
Provide Secure Connections For Easier Testing



(7) Set of 10 Test Cables. 14" long with insulated mini alligator clips on each end. 278-1156 3.79
 Set of 4 Test Cables. 30" long. Insulated clips at both ends. 278-001 3.49
 (8) 8-Pack of 24" Cables. Four different colors. Clips at each end. 278-1157 3.99
 (9) Set of 6 Heavy-Duty Claw-Type Jumper Cables. 40" long. Clips at both ends. 278-002, 3.79

Non-Insulated Clips

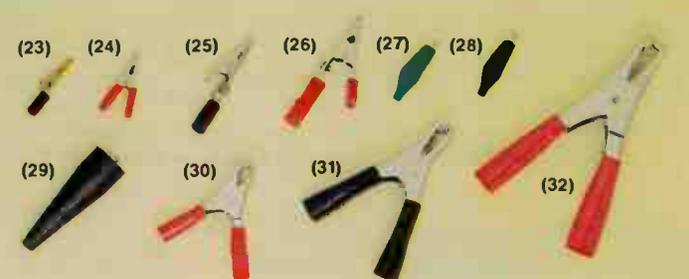
(10) All-Purpose Micro Clips. Copper-plated, non-serrated ends. 1¹/₈" long, open to 1¹/₄". 270-373 Pkg. of 10/1.29
 (11) Mini Clips. Rated 1 amp. 1¹/₄" long, open to 3¹/₁₆". Solder type. 270-380 Pkg. of 12/1.19
 (12) 2" Slim Clips. All steel with screwdriver terminals. 270-346, Pkg. of 10/1.69
 (13) Claw Clips. Rated 5 amps. 1⁵/₈" long, open to 5¹/₁₆". Screwdriver terminals. 270-345 Pkg. of 8/1.59



Test Clips, Banana Plugs, Binding Posts

(14) Solderless Banana Plugs. Insulated, fit standard banana jacks. Knurled collar. 2" long. One red, one black 274-721 Set of 2/1.19
 (15) Flexible Banana Plugs. As above with flexible insulation, strain relief. Solder type. One red, one black 274-730 Set of 2/1.19
 (16) Banana Jacks. Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black 274-725 Set of 2/69¢
 (17) Insulated Binding Posts. Versatile—they accept spade lugs, phone tips, banana plugs or wire. 2 red, 2 black 274-661 Set of 4/1.69
 (18) Nylon Binding Posts. Insulated. For 3/16" mtg. holes. Accept up to 14-gauge wire. One red, one black. 274-662 Set of 2/1.39

(19) NEW! Micro Flat Test Clips. Super-thin design and 90° hook bend make these perfect for IC testing. Spring action. 1¹/₁₆" long. One red, one black 270-336 Set of 2/99¢
 (20) NEW! Rainbow Pack of Micro Test Clips. Use when you need more than red and black for testing and temporary interconnections. 1¹/₂" long. 270-355 Set of 6/2.49
 (21) Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 1¹/₂" long. Solder type. One red, one black. 270-370 Set of 2/1.39
 (22) Mini Test Clips. As above but 2¹/₈" long. One red, one black. 270-372 Set of 2/1.49



Insulated Clips for Small and Big Jobs

(23) Micro Clips. 1³/₈" long, open to 3¹/₁₆". Brass-plated steel. Solder type. 5 red, 5 black. 270-1540 Set of 10/1.99
 (24) Mini Alligator Clips. 1³/₈" long. 5 red, 5 black 270-374 Set of 10/1.19
 (25) 2¹/₄" Clips. Open to 5¹/₁₆". Screwdriver terminals. 5 red, 5 black 270-375 Set of 10/1.69
 (26) 2¹/₄" Clips. Open to 7¹/₁₆". Screwdriver terminals. 5 red, 5 black 270-347, Set of 10/1.59
 (27) Mini Clips. 1¹/₄" jaws open to 3¹/₁₆". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow 270-378 Set of 10/1.29
 (28) 1³/₈" Mini Clips. Open to 1/4" Screwdriver terminals. 6 black, 6 red. 270-1545, Set of 12/1.99
 (29) NEW LOW PRICE! Heavy-Duty Clips. 10 amps. 2⁵/₈" long, open to 7⁷/₈". One red, one black. Solder or crimp. 270-349 Set of 4/1.59
 (30) "Regular" Car Battery Clips. 10 amps. 2¹/₄" long, open to 7⁷/₈". One red, one black. Solder or crimp. 270-344 Set of 2/1.19
 (31) "Jumbo" Clips. Rated 30 amps. Ideal for hookups to car battery posts. 3³/₈" long, open to 1¹/₈". Solder or crimp. One red, one black 270-343 Set of 2/1.59
 (32) NEW! 50-Amp Car Battery Clips. For heavy-duty jobs, repairing jumper cables or battery chargers. 4¹/₂" long, open to 1¹/₈". Solder or crimp. 270-342 Set of 2/1.69

Prices Apply at Participating Radio Shack Stores and Dealers

PUT SAFETY FIRST! FUSES AND HOLDERS

Revolving Credit Available
See Page 3



(1) Fast-Acting 1/4 x 1/4" Fuses

Amps	Cat. No.	3-Pack	Amps	Cat. No.	3-Pack
1/4	270-1270	.69	4	270-1277	.69
1/2	270-1271	.69	5	270-1278	.69
3/4	270-1272	.69	6	270-1252	.69
1	270-1273	.69	7	270-1253	.69
1 1/2	270-1274	.69	8	270-1254	.69
2	270-1275	.69	10	270-1279	.69
2 1/2	270-1260	.69	15	270-1280	.69
3	270-1276	.69			

(2) SFE-Type Auto Fuses. 1/4 x 1/4" diameter. 20 amps. 270-1268

(3) Slow-Blow 1/4 x 1/4" Fuses

Amps	Cat. No.	2-Pack	Amps	Cat. No.	2-Pack
1/2	270-1282	1.19	4	270-1289	1.19
1	270-1283	1.19	5	270-1287	1.19
1 1/2	270-1284	1.19	6	270-1291	1.19
2	270-1285	1.19	7	270-1292	1.19
3	270-1286	1.19	8	270-1293	1.19

(4) 20-Amp "Blade" Automotive Fuse. Used in many late-model vehicles. 270-1208

(5) Ceramic Fuses. For many appliances, microwaves.

Amps	Cat. No.	2-Pack	Amps	Cat. No.	2-Pack
10	270-1256	1.19	15	270-1257	1.19

(6) Fast-Acting 5 x 20 mm International Fuses

Amps	Cat. No.	2-Pack	Amps	Cat. No.	2-Pack
0.315	270-1249	.69	2	270-1244	.69
1/2	270-1241	.69	2 1/2	270-1245	.69
3/4	270-1242	.69	3	270-1246	.69
1	270-1250	.69	4	270-1247	.69
1 1/2	270-1243	.69	5	270-1248	.69

(7) NEW! Slow-Blow 5 x 20 mm Fuses

Amps	Cat. No.	2-Pack	Amps	Cat. No.	2-Pack
1	270-1171	.99	4	270-1174	.99
2	270-1172	.99	5	270-1175	.99
3.15	270-1173	.99	6.3	270-1176	.99



Vehicle Fuse Kits

(8) Glass. Includes: Two SFE-20. One each AGC 3, 10, 15, 25 and 30; SFE 7 1/2, 9, 14, 20. 270-1262 Set of 11/1.89

(9) Plastic "Blade". Box with one each 5, 7.5, 10, 15, 20 amps. Color-coded 32 volts. 270-1201 Set of 5/1.59

AC Circuit Breaker

Easy to Install

Rated 2 amps, 120 VAC. Mounts in single 3/8" hole. Trips within 120 seconds at 3 1/2 amps. 1 3/16 x 1/2 x 1 7/16". U.L. recognized. 270-1310 . . . 1.69

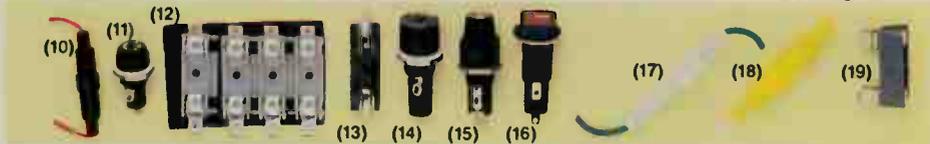


AC Transient Protectors

(22) Metal Oxide Varistors. Divert power-line voltage "spikes" before they can damage computers, other sensitive electronics. Easy to install.

Application	Cat. No.	Price
Standard	276-570	1.59
Heavy-Duty	276-568	1.69

(23) Gas Discharge Tube. Fast-response transient protector. For use when repetitive surges are expected. For 120 VAC 270-811 . . . 2.49



Fuse Holders

(10) Inline Holder. For 5 x 20 mm fuses. 17" long with leads. UL recognized. 270-1238 99c

(11) Panel-Mount Holder. For 5 x 20mm fuses. Requires 1/2" mounting hole. UL recognized. 270-362 99c

Figs. 12-19 are for 1 1/4 x 1/4" Fuses

(12) Four-Position Fuse Block. Sections can be separated. Ideal for vehicle use. Accepts quick-disconnect (auto-type) connectors, or can be soldered. 20 amps per circuit. UL recognized. 270-742 2.19

(13) Clip-In Chassis-Mount Holder. Ideal for applications within enclosures. Solder terminals. 270-739, Pkg. of 2/79c

(14) Panel-Mount With Screwdriver Slot. Rated 10 amps at 250 VAC. UL recognized. 270-367

(15) Panel-Mount. 1 5/8" long, requires 1/2" mounting hole. UL recognized 270-364 79c

(16) Panel-Mount. Modern-look square bezel. 1 5/8" long, requires 1/2" mounting hole. 270-365 99c

(17) inline. Spring assures positive contact pressure. 270-1281 89c

(18) NEW! Solderless. Replaces any damaged inline fuse holder using 12 to 18-gauge wire leads. Crimp connections. Holds 1/4" diameter fuses of various lengths. Rated 20 amps. 270-1211 99c

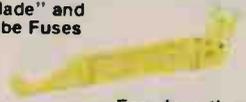
(19) NEW! Pigtail Fuse Adapter Clip. Never hassle with a blown pigtail fuse again! Snaps over blown fuse, accepts standard 1 1/4 x 1/4" fuses up to 30 amps. Ideal for servicing TV sets. 270-1219 99c

Vehicle Fuse Tester and Tool



Tests "Blade" and Glass-Tube Fuses

(20)



Easy Insertion And Removal

(21)

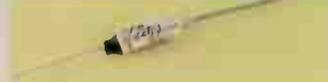
(20) Vehicle Fuse Tester. Easy to use! Tests automotive fuses without removing them from holders. Indicator lamp lights if fuse is blown. For 12 VDC only 22-1636 1.99

(21) Universal Fuse Tool. Non-conductive tool lets you remove fuses from holders and install them without damage. Works great with plastic blade and glass fuses. A must for every car! 270-1199 99c

Replacement Thermal Fuses

79c

Each



Used as a safety protector in many AC-operated coffee-makers and other heating-type appliances. Rated 240 VAC, 10 amps maximum.

Breaks Circuit at	Cat. No.
139° C	270-1320
226° C	270-1321

Note: A full temperature range of thermal cutouts is available on special order through your nearest Radio Shack.

Precision Panel DC Voltmeter



0-15 Volts DC

Ideal for monitoring your vehicle's electrical system or voltage of a power supply. Jeweled movement. Accuracy, ± 5% full scale. Size, 2 3/4 x 2 1/4 x 1 1/4", overall. Mounts in 1 7/8" round hole. 270-1754, 7.95

Hi-Fi Electret Mike Elements



Upgrade Old Mikes

PC-Mount Omnidirectional. Operates 2-10 VDC with very low current drain. 20 to 15 kHz + 4 dB. 6.6 mm high. 270-090 99c

Easy to Install

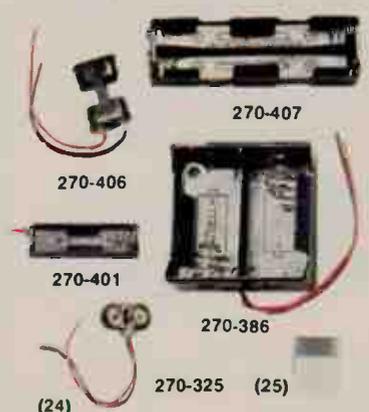
Omnidirectional. Clean 30 to 15,000 Hz response. Operates 4-10 VDC. 1/4 x 3/8" dia. With 6" leads. 270-092 2.69

Battery Holders for Project and Replacement Use

Low As 39c

Series wiring. Have color-coded output leads except†, which have snap connector that mates with #270-325, below.

Holds	Cat. No.	Each	Holds	Cat. No.	Each
2 "N"	270-406	.39	4 "C"	270-390	1.19
2 "AAA"	270-398	.49	2 "D"	270-386	1.19
2 "AA"	270-382†	.79	4 "D"	270-396	1.29
4 "AA"	270-383†	.89	4 "D"	270-389	1.29
4 "AA"	270-391	.89	1 "N"	270-405	.39
8 "AA"	270-387†	1.19	1 "AA"	270-401	.39
8 "A"	270-407	.99	1 "C"	270-402	.49
2 "C"	270-385	.99	1 "D"	270-403	.59



(24) 9-Volt Battery Snaps. For projects, replacement or use with battery holders, above. 270-325 Pkg. of 5/99c

(25) 9-Volt Battery Holders. Tame "wild" rectangular batteries! Mount with screw or glue. 270-326 Pkg. of 2/59c

CHECK OUR WIDE SELECTION OF CAPACITORS



Axial Type



Radial Type

Low As **49¢** Electrolytic Capacitors

Axial Types

Radial Types

μF	WVDC	Cat. No.	Each
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
4700	35	272-1022	3.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

μF	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89



Hi-Q Ceramic Discs

Low As **39¢** Pkg. of 2

For RF, Bypass and Coupling Applications

Moistureproof coating, Hi-Q design for low loss in RF circuits.

μF	WVDC	Cat. No.	2-Pack
4.7	50	272-120	.39
47	50	272-121	.39
100	50	272-123	.39
220	50	272-124	.39
470	50	272-125	.39

μF	WVDC	Cat. No.	2-Pack
.001	500	272-126	.49
.0047	500	272-130	.49
.01	500	272-131	.49
.047	50	272-134	.49
1	50	272-135	.49

For Printed Circuits

Low As **59¢** Pkg. of 2 50 WVDC

Mini size. Long leads permit point-to-point wiring, too.



μF	Cat. No.	Pkg. of 2
.01	272-1065	.59
.022	272-1066	.69
.047	272-1068	.69
.1	272-1069	.79
.22	272-1070	.89

Non-Polarized

Low As **79¢**



Electrolytics for speaker crossovers and audio filters. 50 WVDC.

μF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

Metal Film

Low As **39¢**



- 250 WVDC
- Epoxy Dipped

Aluminum deposited polyester film for low leakage, high temperature stability. Ideal for PC and point-to-point use.

μF	Cat. No.	Each
.01	272-1051	.39
.1	272-1053	.59
1.0	272-1055	.89

Tantalums

Low As **49¢**



Maximum capacity in an extremely small package. Standard IC pin spacing. 20% tolerance.

μF	WVDC	Cat. No.	Each
0.1	35	272-1432	.49
0.47	35	272-1433	.49
1.0	35	272-1434	.49
2.2	35	272-1435	.59
10	16	272-1436	.69
22	16	272-1437	.89

100 Disc Capacitors



Includes NPOs, Hi-Qs, N-750s, Mylar and ceramics. Assorted values and DC working voltages up to 1000. Set 1.98

1.98 Set

20 Electrolytics



1.98 Set

Minis and subminis. Assorted values. Up to 50 WVDC. 272-802 ... Set 1.98

TV Colorburst Crystal



1.69

Wire Leads

3.579545 MHz. Precision frequency standard in HC18/W package. 272-1310 1.69

Trimmer



Pkg. of 2 **1.59**

6 to 50 pF. For low-level RF/IF peaking. Ideal for PC board mounting. 272-1340 Pkg. of 2/1.59

Sound Off! Buzzers for Alerters, Alarms, Timers and Fun!

Tri-Sound Siren

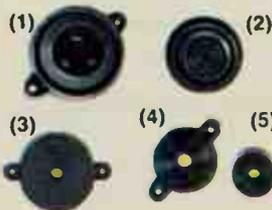


5.95

NEW FOR 87

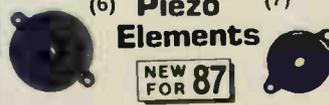
You've never heard a buzzer like this! Contains an IC, driver circuit and 8-ohm speaker in a compact 1 1/4 x 1 3/16" molded case. Wiring options let you create three distinctive sounds. Provides 80 db minimum sound pressure and operates on 3 VDC. 273-072 5.95

Piezo Buzzers



- (1) Two-Tone. 100 dB minimum at 2500 Hz. Has attenuator vanes. Operates 8 to 16 VDC. Requires 130 mA at 12 VDC. 273-070 8.95
- (2) Pulsing or Continuous. Screwdriver terminals. Approx. 2800 Hz pulsed at 1.2 Hz. Output: 90 dB at 12 VDC, only 10 mA. Operates 4 to 28 VDC. Easily panel mounted. Great as a pre-alarm buzzer for security systems. 273-068 6.95
- (3) Pulsing. Approx. 2800 Hz, 95 dB. 3 to 28 VDC. 12 mA at 12 volts. 273-066 3.59
- (4) With Leads. Piercing 3.6 kHz signal. 4 to 28 VDC. Only 5 mA at 12 VDC. 273-060 2.99
- (5) PC-Mount. Loud, yet consumes only 12 mA at 12 VDC. Approx. 3800 Hz. 3-20 VDC. 273-065 2.49

(6) Piezo Elements (7)



NEW FOR 87

(6) NEW! Piezo Transducer. Two-wire type is ideal for use with digital circuits. 1500 to 3000 Hz. Up to 90 db output at 2.5 kHz. Requires external driver 1 3/8" mtg. centers. 273-073 99¢

(7) Fixed-Frequency. Three-wire type. Up to 90 dB at 6.5 kHz. Requires external driver circuit 1 1/8" mtg. centers 273-064 1.49

Electronic Chime



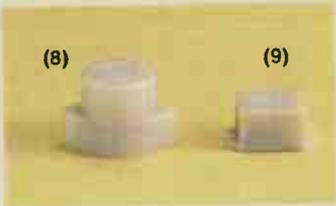
6.95

NEW FOR 87

Pleasant "Ding-Dong" Output

This melody-synthesizing IC and mini-speaker combo is a unique alternative to regular buzzer or piezo sounds when used with door entry alarms. Operates 6 to 18 VDC. Sound pressure: 80 dB at 12 VDC. Mounting holes: 1 7/16" apart, 5" leads. 273-071 6.95

Electronic Buzzers



Low As **1.69** Extra Loud

(9) Mini DC Buzzers. Small enough to hide, loud enough to demand attention! 1 1/16" mounting centers. With leads.

DC Voltage	Cat. No.	Each
1 1/2 to 3	273-053	1.69
6	273-054	1.69
12	273-055	1.69

(8) Pulsing Buzzer. Piercing 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 1 1/4" apart. 4 3/4" leads. 273-058 2.99

Electromechanical Buzzer



1.89

Super Loud!

DC buzzer with low current drain—ideal for battery circuits. 2" diameter by 1 3/4". Metal case with leads. 12 VDC. 273-051 1.89

Radio Shack—America's Electronics Parts Place™

World Radio History

RESISTORS AND CONTROLS AT LOW PRICES

Knobs for 1/4" Shafts



Low As
79¢ Pkg. Of 2

A wide variety of rugged yet stylish Archer® knobs for new equipment or replacement use. All have brass bushings and set-screws for positive locking. See page 65 for car stereo replacement knobs.

(1) Communications. 1 1/2" dia. by 1 1/16". Knurled grip, square pointer notch. 274-402 Pkg. of 2/99c

(2) NEW! Communications. Red insert for a bright new twist 1 1/16" dia. by 1 1/32" Indexed. 274-432 Pkg. of 2/1.49

(3) NEW! Red Insert. Adds a contemporary look to any project. 1" dia. by 3/8". 274-433 Pkg. of 2/99c

(4) Blue Insert. 1/2" dia. by 9/16" deep. Color-matched to our #270-220-series of blue enclosures. 274-403 Pkg. of 2/79c

(5) Contemporary. 1" dia by 5/8" Metal over plastic, handsome engraved finish. Great for tuning and volume controls. 274-424 Pkg. of 2/1.89

(6) Hexagon. 1 3/8 by 3/8". Pkg. of 2/1.29

(7) Hexagon With Aluminum Insert. 3/4 x 7/16" Indexed. 274-415 Pkg. of 4/1.59
1 x 9/16" Indexed. 274-416 Pkg. of 4/1.79

1/2-Watt Resistors 19¢ Pkg. Of 2

10% Tolerance

Ohms	Cat No
10	271-001
15	271-003
22	271-005
33	271-007
47	271-009
68	271-010
82	271-011
100	271-012
150	271-013

Ohms	Cat No
180	271-014
220	271-015
270	271-016
330	271-017
390	271-018
470	271-019
560	271-020
680	271-021
1k	271-023

Ohms	Cat No
1.2k	271-024
1.5k	271-025
2.2k	271-027
3.3k	271-028
3.9k	271-029
4.7k	271-030
5.6k	271-031
10k	271-034
15k	271-036

Ohms	Cat No
22k	271-038
33k	271-040
47k	271-042
100k	271-045
150k	271-047
220k	271-049
470k	271-053
1 meg	271-059
2.2 meg	271-061



1/4-Watt Resistors 39¢ Pkg. Of 5

5% Tolerance

Ohms	Cat No
10	271-1301
100	271-1311
150	271-1312
220	271-1313
270	271-1314

Ohms	Cat No
330	271-1315
470	271-1317
1k	271-1321
2.2k	271-1325
3.3k	271-1328

Ohms	Cat No
4.7k	271-1330
10k	271-1335
15k	271-1337
22k	271-1339
33k	271-1341

Ohms	Cat No
47k	271-1342
100k	271-1347
220k	271-1350
470k	271-1354
1 meg	271-1356
10 meg	271-1365



Color Code Guide

Only
59¢



Pocket-sized and really handy. Gives you fast, direct readout of resistor, capacitor and inductor values in ohms, pF and uH. 271-1210 59c

Ohm's Law Slide-Chart

49¢
Pocket-Sized



Easy to use—quickly computes and answers Ohm's law problems. Flip-side has scales for parallel resistance calculations. 271-1211 49c

15-Turn Pots

1.49 Each

■ 10% Tolerance

3/4-Watt ■ PCB Mount

1k Ohms. 271-342 1.49

10k Ohms. 271-343 1.49

20k Ohms. 271-340 1.49



PC-Board Pots

59¢ Each
Thumb or screwdriver adjust. Rated 1/4 watt 260° rotation



Ohms	Cat No
500	271-226
1k	271-227
5k	271-217
10k	271-218

Ohms	Cat No
50k	271-219
100k	271-220
1 meg	271-229
—	—

Metal-Oxide 29¢

Small size with a tight 5% tolerance. One watt. Pkg. Of 2



Ohms	Cat No
10	271-151
100	271-152
1000	271-153

8-Ohm Non-Inductive

99¢

NEW! 5% tolerance, rated 20 watts. Handy as an impedance-matched power-absorbing element in any audio installation—PA, car and home stereo. Several may be wired in series/parallel for jobs requiring different resistance values or more power handling. 271-120 99c



12 Potentiometers And Trimmers

1.98

Assorted Styles

Set of 12 may include wirewounds and multi-turns. 271-1605 Set 1.98



Miniature PC Pots

49¢ Each

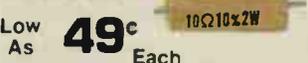


Ohms	Cat No
1k	271-333
10k	271-335
25k	271-336
100k	271-338

Wirewound Power Resistors

Low As **49¢** Each

10% Tolerance ■ Axial Leads



Watts	Ohms	Cat. No.	Price
2	10	271-080	2/.69
5	0.47	271-130	Ea./ .49
10	1	271-131	2/.89
10	10	271-132	2/.89
10	50	271-133	2/.89
10	100	271-135	2/.89

Resistor Kits

NEW FOR 87



(8) NEW! 1/4-Watt Carbon Film. 5% tolerance. Set of 100 with 13 popular values from 10 ohms to one megohm. 271-311 Set 1.98

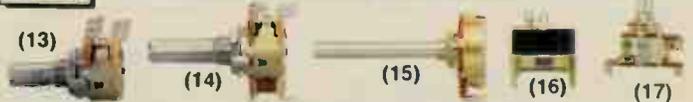
(9) 1/4-Watt Precision Metal Film. 1% tolerance. 50-piece set with 12 popular values ranging from 10 ohms to one megohm. 271-309 Set 2.49

(10) 1/4-Watt Carbon. 5% tolerance. 100-piece set with 13 popular values ranging from 10 ohms to one megohm. 271-308 Set 2.79

(11) NEW! 1/4-Watt Carbon Film. 5% tolerance. 500-piece set with 54 popular values from 10 ohms to 10 megs. 271-312 Set 7.95

(12) 1/2-Watt Carbon. 10% tolerance. 100-piece set with 21 popular values ranging from 100 ohms to one meg. 271-306 Set 2.79

Panel-Mount Controls



(13) NEW! Stereo Balance Control. 1000 ohms. Precision replacement is also useful in projects requiring dual-tracking pots. 271-261 1.59

(14) 100k Stereo Control. Two ganged pots with precision "feel". 1/2"-long, 1/4" diameter shaft. 40% loudness contour tap. Mounts in 3/8"-diameter hole 271-1732 1.79

(15) Potentiometers. All have a 1 1/16"-long, 1/4" dia. shaft and mount in a 5/16" hole

Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
—	—	—
—	—	—

Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
1 meg	271-211	1.09

(16) SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers in charts above and many others. Rated 3 amps at 120 VAC. With instructions. 271-1740 69c

(17) 10k-Ohm Audio Pot With SPDT Switch. Mini size with 1/4"-dia. shaft. Switch is rated 3 amps at 30 VAC. Fits 5/16" hole. 271-215 1.79

PRECISION DIGITAL MULTIMETERS BY MICRONTA®

High Accuracy at Low Prices ■ Easy-to-Read "No Guesswork" LCD Displays



All Include Probes
And Illustrated
Owner's Manual

(1) **NEW!** Benchtop Digital Multimeter. Convenient all-pushbutton operation plus accuracy and features that compare with meters costing several times more! Built-in 31-segment bargraph provides a simultaneous analog-type display that makes peaks and trends more apparent. Built-in transistor checker with front-panel pin socket gives you true h_{FE} (gain) measurements of small-signal types. Has separate diode-check mode for quick open/short/leakage tests of semiconductor junctions. Memory function stores minimum and maximum values of a changing input and displays them at the touch of a button. Data-hold mode freezes both display readings until you reset. High-contrast $3\frac{2}{3}$ -digit LCD has indicators for all measuring units, all operating modes and low-battery alert. Full autoranging with manual up and down override. Full auto-polarity with negative indication on both displays. Handy buzzer continuity checker. Measures to 1000 volts DC, 750 volts AC (accurate from 45 Hz to 10 kHz). AC/DC current to 10 amps. Resistance to 30 megohms. Input impedance: 10 megohms on DCV/ACV ranges, more than 100 megohms on DC 300 mV range. Dual-detented carrying handle doubles as a stand. $2\frac{1}{16} \times 8 \times 4\frac{3}{4}$ ". Fused and overload protected. Requires 4 "C" batteries. 22-195 99.95

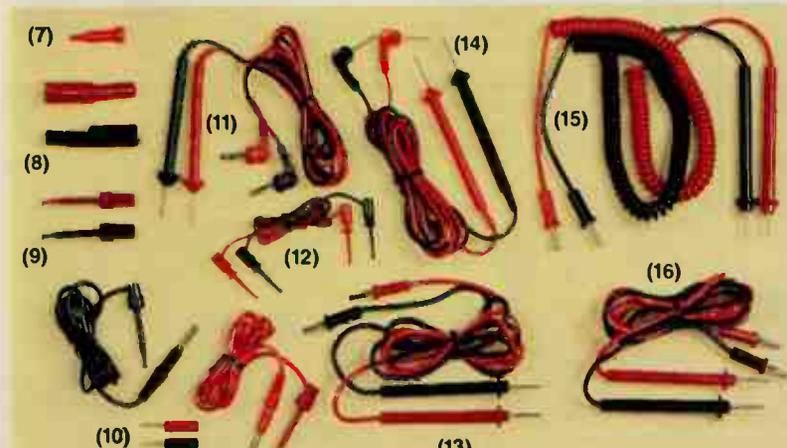
(2) **NEW LOW PRICE!** Fold-Up Autoranging Digital Multimeter. You select the function, it selects the proper range. Features include automatic power-off when folded, audible "beep" continuity-test mode, range-hold switch to override autoranging, diode-check mode, ohms zero-adjust button, detented hinge for best viewing angle, probe storage compartment. Measures to 1000 volts DC, 500 volts AC. AC/DC current to 10 amps. Resistance to 2 megohms. $10\frac{7}{16} \times 5\frac{5}{8} \times 1\frac{1}{2}$ ". open. Fused and overload protected. Requires 2 "AA" batteries. Was \$79.95 in 1986 Catalog. 22-193 69.95

(3) 21-Range Digital Multimeter. Features "beep" continuity test, ohms zero-adjust button, diode-check mode. Measures to 1000 volts DC in 5 ranges, 500 volts AC in 4 ranges (accurate 45 Hz to 10 kHz). AC/DC current to 200 mA in 3 ranges, each. Resistance to 20 megohms in 6 ranges. $6\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{3}{8}$ ". Fused and overload protected. Requires 2 "AA" batteries. 22-191 59.95

(4) **NEW!** Fold-Up 16-Range Digital Multimeter. Features a high-contrast LCD display, convenient single-knob function selector and detented hinge for best viewing angle, automatic power-off when closed. Diode-check mode lets you quickly test semiconductor junctions for opens, shorts and leakage. Measures to 1000 volts DC in 4 ranges, 750 volts AC in 4 ranges, DC current to 2 amps in 4 ranges, resistance to 2 megohms in 4 ranges. Open: $7\frac{7}{16} \times 4\frac{3}{4} \times 1\frac{1}{4}$ ". Fused and overload protected. Requires 2 "AA" batteries. 22-187 49.95

(5) Autoranging Digital Multimeter. Just select function and it does the rest. Diode-check mode for testing semiconductor junctions. Measures to 1000 volts DC, 500 volts AC. DC current to 200 mA. Resistance to 2 megohms. $4\frac{7}{8} \times 2\frac{13}{16} \times 1\frac{1}{4}$ ". Fused and overload protected. Requires 2 "AA" batteries. 22-188 34.95

(6) **NEW!** Pocket Autoranging Digital Multimeter. Meter and probes fit in a shirt-pocket with room to spare! Weighs only two ounces yet offers full autoranging and auto-polarity operation, high-contrast LCD display with low-battery warning, audible continuity-check mode, pushbutton range selection. Measures to 400 volts AC/DC, resistance to 2 megohms. With mini probes and hard-cover case. $4\frac{1}{4} \times 2\frac{1}{4} \times \frac{3}{8}$ ". With 2 Radio Shack 357-A "button" batteries. 22-170 29.95



Extra Test Leads & Clips

- (7) IC Test Probe Adapter. Fits over positive (+) probe to give you non-shorting access to each IC pin. 270-335 99c
- (8) Insulated Alligator Clips. Slip over probe tips. 270-354 Pair/1.59
- (9) Mini Hook Test Clip Adapter. For easy testing on crowded boards. 270-334 Pair/1.99
- (10) Mini Clip Test Leads. 20" long. Mini clip to banana plug. 278-1160 Pair/2.99
- (11) Right-Angle Banana Test Leads. 36" long. Probe at one end, 90° banana plug at other. 278-713 Pair/2.39
- (12) Mini-Clip Leads. 20" long. Mini clip at each end. 278-016 Pair/2.99
- (13) Pin-Tip Test Leads. 36" long. $4\frac{1}{4}$ " probe to pin-tip plug. 278-705 Pair/1.99
- (14) Right-Angle Pin-Tip Test Leads. 36" long. $4\frac{3}{4}$ " probe at one end, 90° pin-tip plug at the other. 278-712 Pair/1.69
- (15) Coiled Test Leads. 6 feet long. Probe at one end, banana plug at the other. Coiled leads help avoid tangles. 278-750 Pair/3.89
- (16) Banana-Plug Test Leads. 36" long. $4\frac{1}{2}$ " probe to banana plug. 278-704 Pair/3.19

Tester Case

\$95

Protect Your Meter



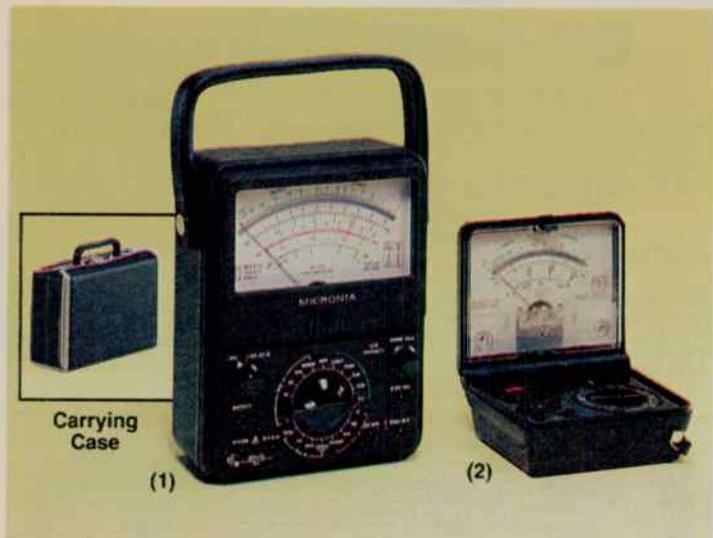
Meter not included

Handy carrying case holds meter and provides room for leads, manuals, fuses, extra batteries and probes. Inside measurement: $8 \times 5\frac{1}{4} \times 2\frac{1}{2}$ ". 22-153 5.95

OUR DEPENDABLE ANALOG-TYPE TESTERS

Revolving Credit Available
See Page 3

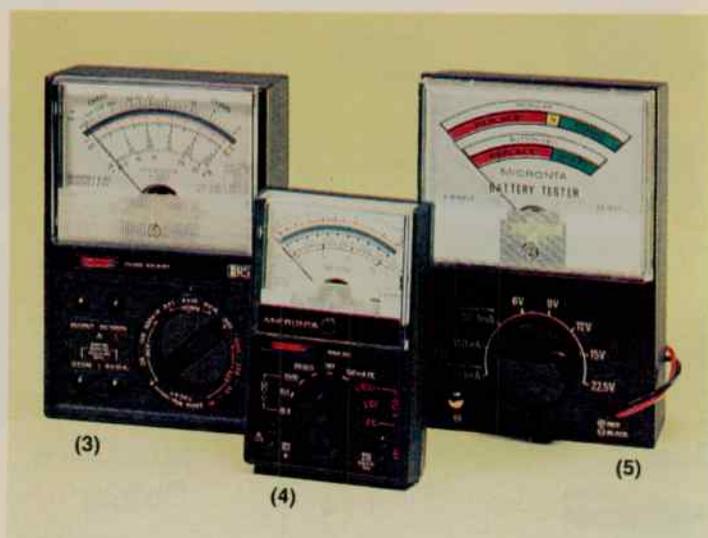
Easy to Use ■ Built to Last ■ Include Probes and Illustrated Owner's Manual



(1) **21-Range Multitester.** 30,000 ohms per volt DC sensitivity. A professional-grade instrument at a very low price. Features a big 5" color-coded scale, timesaving "beep" continuity function and polarity-reverse switch, easy access to battery/fuse compartment. Measures to 1000 volts DC in 7 ranges, 1000 volts AC in 5 ranges, DC to 10 amps in 5 ranges. Resistance in 4 ranges. dB: -20 to +62 in 5 ranges. Accuracy: ±3% DC, ±4% AC. 6 1/16 x 5 7/16 x 2 5/8". Requires one 9V and one "C" battery.

22-210 49.95
Protective Carry Case. 44-657 6.95

(2) **25-Range Fold-Up Multitester.** 20,000 ohms per volt DC sensitivity. Conveniently folds for traveling. Has fuse and surge-absorber protection, 4" three-color mirrored meter with automatic shunt protection when shut. Detented hinge with hold positions at 90, 120, 150 and 180° lets you select the best viewing angle on bench or in the field. Measures to 1200 volts DC in 7 ranges, 1200 volts AC in 5 ranges. DC current to 300 mA in 4 ranges. Resistance to 2 megohms (24 ohms center scale). dB: -20 to +63 in 5 ranges. Accuracy: ±3% DC, ±4% AC. Open: 7 1/4 x 4 5/16 x 1 1/4". Requires "AA" battery. 22-211 29.95



(3) **18-Range Multitester.** 20,000 ohms per volt DC sensitivity. Features 3" meter, color-coded and mirrored scale. Measures to 1000 volts DC in 5 ranges, 1000 volts AC in 4 ranges. DC to 250 mA in 2 ranges. Resistance to 2 megohms in 3 ranges (24 ohms center scale). dB: -20 to +62 in 4 ranges. Accuracy: ±3% DC, ±4% AC. 5 1/8 x 3 1/2 x 1 7/16". Requires "AA" battery. 22-201 19.95

(4) **8-Range Pocket Multitester.** 2000 ohms per volt DC sensitivity. Incredibly easy to use! Perfect beginner's VOM and a great second meter for the car or toolbox. Has 2" meter, color-coded mirrored scale, "off" position to protect meter movement during transit. Measures to 1000 volts AC/DC in 6 ranges. DC current to 150 mA. Resistance to 100,000 ohms. 3 1/2 x 2 1/4 x 1 1/4". Requires "AA" battery. 22-212 10.95

(5) **8-Range Battery Tester.** Accurately measures batteries under actual load conditions. Ranges: 1.5 volts (1 mA and 150 mA), 3, 6, 9, 12, 15, 22.5 volts. Tests almost any type of electronic, flashlight or button battery—including carbon-zinc, alkaline, mercury, silver-oxide, nickel-cadmium and lithium cells. For battery tests only. 22-031 9.95

Dual-Tracking DC Power Supply



NEW FOR 87

59⁹⁵

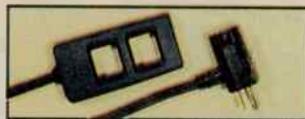
Selectable Independent Or Slave Operation

Adjustable From 0 to 15 VDC ■ Series Output Provides Up to 30 VDC
Tight Regulation ■ Extremely Low Ripple ■ Switchable Volt/Amp Meter

Quality and performance you wouldn't expect to find at this low price! The Micronta bench supply delivers rock-stable DC that's easy to adjust to the precise voltages you need. A four-position switch lets you monitor the voltage or current of either output. B-tracks-A mode gives you convenient single-control adjustment of both voltages—ideal for op amp circuits with split supply requirements. Independent mode lets you adjust voltages separately. Features include front-panel ground terminal for safer, more reliable operation, fuse protection, vented heavy-duty steel cabinet. Maximum current output: 1 amp. 6 3/4 x 6 1/16 x 4 1/2". UL listed AC. 22-121 59.95

Clamp-On AC Ammeter/Voltmeter

NEW FOR 87 49⁹⁵



Includes Inline Pickup/Multiplier

- Measures AC Current Without Direct Connection to Circuit
- Measures Up to 600 Volts AC With Included Test Leads

This versatile instrument lets you safely measure energy consumption of appliances and circuits. It's also helpful in balancing loads when you install AC wiring and breakers. Clamp jaws permit easy insertion in tight spaces. Lock switch freezes pointer position so you can remove the meter for easy reading. Plug-in inductive pickup/multiplier tests devices with an AC cord and also provides x10 readings for low-current measurements. Measures up to 300 amperes AC in 5 ranges, and up to 600 volts AC in 2 ranges. 4 x 2 x 3/8". 22-161 49.95



All Micronta® Multitesters, Digital Multimeters and Clamp-On AC Volt/Ammeter are UL 1244 Listed

SOLDERING TOOLS FOR THE BEST CONNECTIONS

75-Watt Soldering Gun



9⁹⁵

Pull the trigger for full temperature in seconds. Flat back for standing upright when not in use. Comfortable-to-hold molded pistol grip. UL listed AC. 64-2192 9.95

Extra Tips for Archer and Weller Guns

For Use With	Cat No	Pkg of 2
Archer 64-2192	64-239	1 69
Archer 64-2191	64-238	1 69
Weller D440, 8200 And Archer 64-2190	64-237	1 69
Weller D550	64-234	1 69

Desoldering Iron



6⁹⁵

Easy-to-Grip "One-Hand" Design

The safe and easy way to remove and replace electronic components from circuit boards with less mess. Convenient design lets you leave one hand free to remove or reposition components. Includes vacuum bulb, desoldering assembly and tip, 5-foot cord. 45 watts. 8" long. UL listed AC. 64-2060 . . . 6.95
Replacement Tip. 64-2061 69¢

Dual-Heat Soldering Iron



6⁹⁵

- Handle-Mounted Wattage Switch
- One Iron for Both Wattages



This versatile tool is perfect for all electronic and electrical projects. Wattage switch lets you choose 15 or 30 watts. Eliminates the need to change irons. Comfortable sculptured handle. 8 1/4" long. UL listed AC. 64-2055 . . . 6.95
Replacement Tip. Rated up to 30 watts. 64-2065 89¢

Quality Soldering Irons



All Are UL
Listed AC
Low As
3⁴⁹

- (1) "Cool-Grip" 30-Watt Soldering Gun. 64-2066 3.99
Replacement Tip. 64-2065 89¢
(2) 25-Watt Pencil Iron. Insulated. 5/32" screw-in tip. 600-640°F. With stand. 64-2070 4.95
Replacement Tip. 64-2073 99¢
(3) 40-Watt Pencil Iron. As above, but with 1/4" tip. 64-2071 5.95
Replacement Tip. 64-2072 1.19
(4) 30-Watt Pencil Iron. Lightweight. 64-2067 3.49
Replacement Tip. 64-2065 89¢
(5) 15-Watt Pencil Iron. 64-2051 5.95
Replacement Tip. 64-2052 69¢

Rosin Core Solder

Low As **89^c**



Meets QQ-571E Federal Requirements

Package	Size	Use	Cat No	Each
0.5-oz Handy Pak	.062	Standard	64-001	.89
1.5-oz Handy Pak	.062	Standard	64-002	1.39
4.0-oz Spool	.062	Standard	64-004	3.49
2.5-oz Spool	.032	Light Duty	64-005	2.99
1.5-oz Spool	.050	PC Work	64-006	2.19
8.0-oz Spool	.062	Standard	64-007	5.89

Make Your Own Iron

Everything You Need to Build a Custom Iron

Fig	Description	Watts	Cat No	Each
6	Handle		64-2080	5.49
7	600-650°F Heating Unit	27	64-2081	4.99
8	750-800°F Heating Unit	33	64-2082	7.49
9	Light, Med, Heavy Duty Tips (Pkg of 3)		64-2084	3.79
10	Iron-Clad Light-Duty Tips (Pkg of 2)		64-2089	4.49



Heating elements and handle UL listed AC for safety

Innovative Accessories to Make Soldering Easier



- (11) Solder Tape. 100 pieces. 64-010 1.39
(12) Desoldering Bulb. 64-2086 1.99
(13) Soldering Iron Holder and Cleaner. 64-2078 5.79
(14) Four-Piece Soldering Aid Set. Includes heat sink, brush/scrapper and pointed and slotted probes. 64-2227 2.99
(15) Vacuum Desoldering Tool. Non-stick tip, durable aluminum housing. 64-2098 4.95
(16) Vacuum Desoldering Tool. Spring loaded design. Includes extra tip. 64-2120 6.95
(17) Soldering Tweezer. Doubles as a heat sink. 64-1915 1.29
(18) Desoldering Braid. 64-2090 1.49

Pocket Gas Brazing Torch

25⁹⁵

- Pin-Point Flame
- Heats to 5000°F

Includes one butane and two micronox cylinders, two tips. 64-2165 25.95
Butane Cyl. 64-2166 Pkg. 2/3.29
Micronox Cyl. 64-2167 Pkg. 2/2.59
132

Miniature Butane Torch

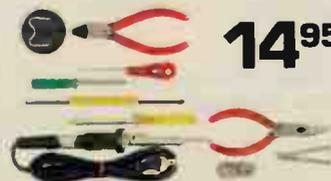
10⁹⁵

- Self-Contained
- Heats to 2500°F

Fits in tool kit or pocket. Cylinder lasts up to 60 minutes. Includes refill. 64-2164 10.95
Extra Cylinders. 64-2166 2/3.29

10-Piece Electronic Tool Set

14⁹⁵



Includes UL listed AC 30-watt soldering iron, stand, solder, soldering aid, needle-nose pliers, diag. cutter, three screwdrivers and a heat sink. 64-2801 14.95

5-Piece Soldering Set

4⁹⁵



Everything you need for basic soldering. UL listed AC 30-watt iron, stand, rosin core solder, soldering aid, heat sink and instructions. 64-2802 4.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

ARCHER® BUILDERS' TOOLS & ACCESSORIES

Revolving Credit Available
See Page 3

Electric Engraving Pencil

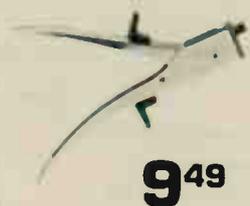


11⁹⁵

Identify Your Property to Discourage Burglars

"Writes" on metal, wood, plastic—most surfaces. 6³/₄"-long. Powerful 7200-rpm motor, carbide point. UL listed AC. 64-2173 11.95

Nibbling Tool

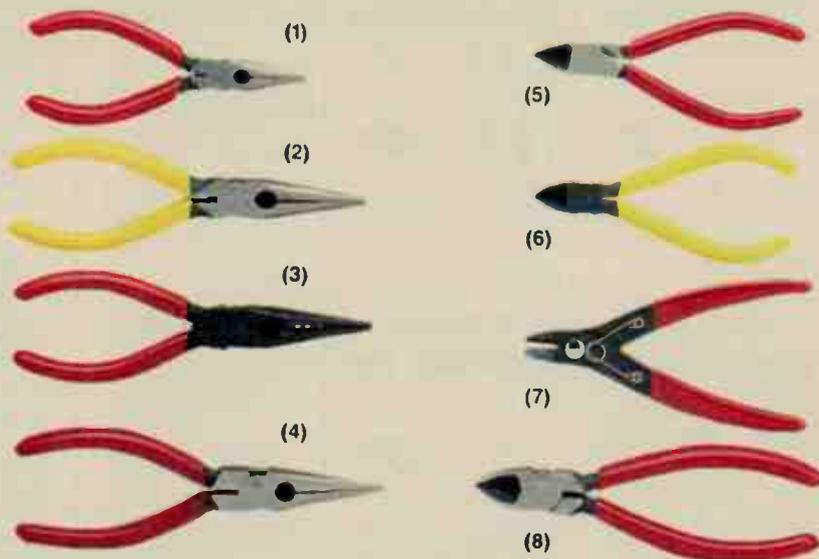


9⁴⁹

Perfect for Custom Kit And Switchbox Builders

Hand-held cutter. Neatly cuts up to 18-gauge steel, 1¹/₁₆" copper, aluminum and plastic. 64-823 9.49

Handy Pliers and Cutters for All Applications



- (1) 4³/₄" Long-Nose. Drop forged for long life, polished. Insulated grips. 64-1843 3.79
- (2) 5¹/₄" Long-Nose. Professional quality. Spring return, insulated grips. 64-1812 5.99
- (3) 6" All-Purpose. Use it as a nutwrench, stripper, cutter or crimper. 64-1847 3.99
- (4) 6¹/₂" Needle-Nose. Durable hardened steel. Comfortable insulated grips. 64-1844 3.19
- (5) 4¹/₂" Diagonal. Cuts wire in those hard-to-get-at places. Insulated grips. 64-1841 3.79
- (6) 4¹/₂" Diagonal Cutters. Spring return. 64-1813 5.99
- (7) 5" Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Great for your bench. 64-1833 2.99
- (8) 6" Diagonal. Durable hardened steel blades for tough jobs. Insulated grips. 64-1845 3.19

Wire Strippers



1⁹⁹

3²⁹

Stripper/Cutter. For #12-24 wire. 64-2129 1.99
"Dial" Stripper. Set dial to strip and cut. 64-1952 3.29

Automatic Wire Stripper



8⁹⁵

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long. 64-1919 8.95

TV Tool Sets



5-Piece
2⁹⁹

2-Piece
99^c

8 hex tips, 2 slot tips. For most color sets. 64-2220 2.99
For most RF/IF transformers. 64-2233 99c

Mini-Drill



2⁹⁹

With 2 Extra Bits In Handle

Ideal for working on PC boards and other light material. 3¹/₄" long. 64-2097 2.99

Tapered Reamer



2⁴⁹

High-Density Carbon Steel

Cuts holes up to 1/2" dia. in light-gauge steel, aluminum and plastic. 64-815 2.49

Precision Knife Set



3⁶⁹

Ten interchangeable multi-purpose steel blades for delicate cutting. With case. 64-1801 3.69

Utility Knife



99^c

Always sharp. Snap blade end off for fresh edge. With extra blade. 6" long. 64-1868 99c

Hobby Knife



99^c

All-Metal Handle

For artists, hobbyists and craftsmen. Surgically sharp steel blade. 5³/₄" long. 64-1805 99c

Mini "C"-Type Clamp Set



2⁴⁹ Set of 3

Holds parts together while working. Three sizes of openings—³/₄", 1", 1⁷/₈". 64-2096 2.49

Vacuum-Base Mini-Vise



2⁹⁹

Instantly mounts on smooth surfaces. 2³/₄" x 2³/₈" x 2³/₈". 64-2094 2.99

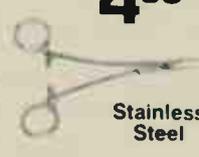
Helping Hands



6⁹⁵

Extra pair of hands! Ball joints and two alligator clamps adjust to hold work. 64-2093 6.95

6" Locking Forceps



4⁹⁵

Stainless Steel

3-position lock. Use as temporary heat sink and for holding parts. 64-1866 4.95

Long-Nose Locking Pliers



4⁴⁹

Doubles As Wrench

A must for your tool box. Cut wire, pull cotter pins, hold parts. 6" long. 64-1864 4.49

Spring-Loaded Speed Wrench



2⁹⁹

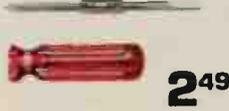
Fits Nut And Bolts From ⁵/₁₆" to ⁹/₁₆"

Sure-gripping serrated jaws automatically self-adjust. Chrome plated. 64-1867 2.99

See Page 93 for Information on Large-Quantity Discounts

DO THE JOB RIGHT WITH ARCHER® TOOLS

Reversible Screwdriver



2⁴⁹

This handy 2-in-1 reversible driver has #1 Phillips and $\frac{3}{16}$ " standard heads. Locks securely in place. Molded handle.
64-1950 2.49

Set of 7 Screwdrivers



4⁸⁹

Includes $\frac{1}{4}$ x $1\frac{1}{2}$ " stubby, $\frac{1}{8}$ x $\frac{1}{4}$ " midget, $\frac{1}{4}$ x $4\frac{1}{4}$ " mechanics, $\frac{3}{16}$ x 4" and $\frac{3}{16}$ x 6" cabinet, #1-2 Phillips.
64-1823 4.89

4-in-1 Tool Set With Case



1¹⁹

Precision Tips

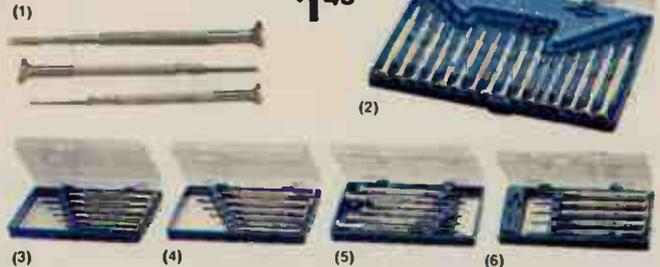
Includes one Phillips, two flathead screwdrivers and an awl. Durable molded chuck handles. Chrome plated.
64-1819 1.19

Precision Tool Sets for Detail Work

Screwdriver and Hex Key Sets Make Jobs Easier

Low as

1⁴⁹



- (1) Mini Screwdrivers. For eyeglasses and delicate instruments. Set of three with swivel heads. Includes pouch. 64-1982 1.49
 (2) Assorted Drivers. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a torque bar. 64-1961 8.95
 (3) Crosspoint Precision Screwdriver Set. Includes 1.4, 1.76, 2.02, and 2.4 mm for #0 drivers and 2.9 and 3.8 mm for #1. 64-1962 3.49
 (4) Screwdrivers. Set of six in sizes #1-6. Chrome-plated brass handles, swivel tops. Widths from 0.8 to 3.8 mm. 64-1948 3.49
 (5) Phillips and Hex Keys. Versatile set of five with two Phillips screwdrivers, three hex keys and a torque bar. 64-1958 3.49
 (6) Combination Screwdrivers. Six precision screwdrivers. One for nearly every job. Two Phillips and four regular. 64-1959 3.49

8-Piece Nutdriver Set



4⁹⁹

Interchangeable tempered steel drivers. $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{9}{32}$ ", $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ". Includes storage case.
64-1800 4.99

6-Piece Nutdriver Set



3⁹⁹

For hard-to-reach places. Hardened, tempered steel. Easy-grip molded handles. $\frac{3}{16}$ " - $\frac{7}{16}$ " sizes. 64-1821 3.99

Hex Key Set



1⁹⁹

This 18-piece set has keys for most hex nuts. Complete range of short and long arm sizes. Tempered steel for long life.
64-1849 1.99

Phone Wire Crimper

NEW FOR 87

5⁹⁹

For 14 to 28-gauge wire. Cushion-grip, spring-loaded handles. $7\frac{1}{4}$ " long.
64-410 5.99

Crimping Tool



3⁹⁹

Crimps terminals, strips and cuts 10 to 22-gauge wire. Cushion-grip handles. $8\frac{1}{2}$ " long.
64-404 3.99

Tap-In Squeeze Connectors

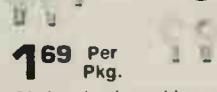


1⁶⁹

Pkg. of 10

Taps for 18-gauge to 14-gauge wire.
64-3052 1.69

Solderless Lugs



1⁶⁹ Per Pkg.

20 ring, hook, and large/small spade-tongue lugs. Pkg. of 100.
64-406 1.69
 75 Insulated Lugs. 34 each of 14-16 and 18-22 wire. 7 each of 10-12 wire.
64-407 1.69

Deluxe Crimping Tool Set



7⁹⁵

Insulated Grips

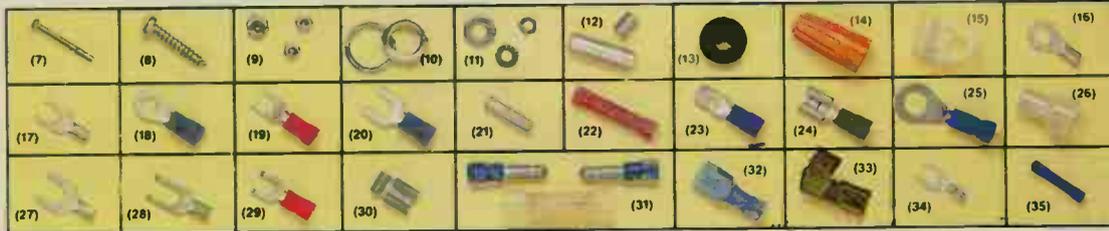
Set includes crimping tool and an assortment of 100 of the most-popular insulated solderless crimp-on terminals. Includes compartmentalized plastic storage case. 64-409 7.95

Hardware in Handy "See-Thru" Packs

Only **99¢** Per Pack

The Right Hardware Makes Repairs And Projects Easier. Stock Up Now!

- (7) Round-Head Machine Screws. 14 each: 2-56 x $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ". 64-3010
 14 each: 4-40 x $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ". 64-3011
 14 each: 6-32 x $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ". 64-3012
 (8) Pan-Head Sheet Metal Screws. 5 each of these types: #4 x $\frac{1}{2}$ ", #6 x $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " #8 x $\frac{1}{4}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ ". 64-3016.
 (9) Steel Machine Hex Nuts. 40 each: 2-56. 64-3017
 30 each: 4-40. 64-3018
 30 each: 6-32. 64-3019
 (10) Control Nuts. 8 each: $\frac{3}{8}$ "-32, $\frac{1}{2}$ "-32. 7 each: 475"-32. 64-3020.
 Metric Control Nuts. 7 each: 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. 64-3063
 (11) Steel Flat Washers. 20 each: #2, #4, #6, #8, #10. 64-3022
 (12) Aluminum Spacers. 2 each: $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ". 1" sizes for #4, #6 and #8 screws. Package of 24. 64-3024.
 (13) Vinyl Grommets. 7 each: $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{3}{8}$ ". 5 each: $\frac{1}{16}$ ", $\frac{1}{2}$ ". 64-3025
 (14) Wire Connectors. 16 assorted connectors for wire sizes #18 through #12. 64-3026



- (15) Polypropylene Cable Clamps. 6 each: $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " cable diameter. 64-3028
 (16) Solderless Ring Tongue. 6 each: #6, #8 (22-18 wire size) #6, #8 (16-14). 64-3030
 (17) Solderless Spade Tongue. 6 each: #6, #8 (22-18), #6, #8 (16-14). 64-3031
 (18) Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18), #6, #8 (16-14). 64-3032
 (19) Solderless Insulated Spade Tongues. Assorted as above. 64-3033.
 (20) Solderless #10 Spade Tongues. 12 each: (22-18), (16-14). 64-3034
 Same as above, but 5 each. 64-3035
 (21) Butt Connectors. 10 each: (22-18), (16-14) 64-3036
 (22) Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037
 (23) Male Quick-Disconnects. 2 each: $\frac{3}{16}$ " 4 each: $\frac{1}{4}$ " 2 each: insulated $\frac{3}{16}$ " 64-3038
 (24) Female Quick-Disconnects. Assorted as above. 64-3039.
 (25) Insulated Large Ring Tongues. 2 each: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " stud. #16-10. 64-3040
 (26) Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). 64-3041
 (27) Solderless Spade. 3 each: #4, #8. 2 each: insulated #4, #6. 64-3042
 (28) Solderless Flanged Spade. 6 each: #6, #8 (22-18), #6, #8 (16-14). 64-3043
 (29) Solderless Insulated Flanged Spade. You get 4 each: #6 (22-18), 2 each: #8 (22-18), #6 and #8 (16-14). 64-3044
 (30) Female Flap Quick-Disconnect. 5 each: $\frac{3}{16}$ ", $\frac{1}{4}$ ". 64-3046
 (31) Bullet Connectors. Insulated Three 2-way receptacles. Six snap-lugs. 64-3047
 (32) Solderless Insulated Male/Female Quick-Disconnect. (22-18, 16-14 wire sizes) $\frac{1}{4}$ " tabs. 4 sets. 64-3049

- (33) Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. 64-3061
 (34) Insulation-Piercing Telephone Spade Lugs. 24 for 22-26 AWG wire. Use Radio Shack Phone Wire Crimper 64-410. 64-3070
 (35) Telephone Insulated Butt Connectors. 24 for 22-26 AWG wire. Use Radio Shack Phone Wire Crimper 64-410. 64-3073

Assorted Hardware



1⁶⁹

One-pound assortment of electronic hardware items. 64-2890 1.69

Prices Apply at Participating Radio Shack Stores and Dealers

CHEMICALS & HELPERS FOR DO-IT-YOURSELFERS

All-Purpose Tape



1⁹⁹

Seals Ducts

Watertight, airtight, unaffected by normal heat, cold or damp weather. 2" x 30 ft.
64-2347 1.99



Bonding Adhesives

Low As **1⁴⁹** Great for Projects Or Quick Repairs

(1) Twin-Tube Epoxy. Mixes out resin and hardener simultaneously to bond wood, metal, glass, most plastics and other materials. 64-2313 2.59

(2) Instant Bonding Glue. Bonds non-porous materials in seconds. 64-2308 1.49

(3) All-Purpose Adhesive. Works on china, glass, wood, metal and more. No-clog applicator. 64-2307 1.49

Component Cleaning Sprays

Low As

1⁶⁹



- (4) TV Tuner Cleaner. Clear up snowy pictures. Remove knob and spray into mechanical tuner to help eliminate "noisy" contacts. No harmful deposits. Net weight, 6 oz. 64-2315 1.69
- (5) Dust Remover Spray. Cleans all types of circuits, cameras, computer keyboards, copiers, projectors and much more. Gets rid of dust that hampers operation. Spray leaves no residue. Net weight, 6 oz. 64-2325 1.99
- (6) Rosin Flux Remover. Removes soldering flux deposits from electrical and electronic circuits. Great for hobbyists. Net weight, 6 oz. 64-2324 1.89
- (7) Cleaner/Degreaser. Sprays away oil, dirt and grime from circuitry and components. Great for the workshop or bench. Net weight, 8 oz. 64-2322 1.99
- (8) Color TV Tuner Cleaner. Spray this concentrated formula into mechanical color tuner to clean and lube contacts. Helps stop "noise." Net weight, 6 oz. 64-2320 2.29
- (9) Component Cooler. Spray on resistors and capacitors to chill them and spot thermal defects. Safe for use with all circuits. Net weight, 6 oz. 64-2321 2.29

Packaging Tape



2⁴⁹

165-Ft. Roll

For sealing packages, boxes and envelopes. Forms air-tight seal against moisture and dust. High tensile strength. 2" wide. 64-2339 2.49

Strapping Tape



NEW FOR 87

2⁶⁹

Great for moving jobs or shipping heavy boxes! Reinforced with embedded nylon fibers for a rugged no-nonsense taping job. Won't stretch like other tape. 1" x 30 yards. 64-2351 2.69

Rubber Sealant



3²⁹

Silicone sealer bonds, seals, caulks. Applies evenly with handy applicator tip. Moisture resistant. 64-2314, 3.29

Clear Storage Boxes



Low As **99^c**

Keep Screws and Connectors Handy.

Size	No. of Sect.	Cat. No.	Each
8 1/2 x 4 3/4 x 1 1/2"	6-18	64-552	2.39
4 3/8 x 4 5/8 x 1"	6	64-553	.99

Insulated Wire Staples



79^c

Pkg.

(10) Mini. For modular phone wiring. Package of 50. 64-2876 79c

(11) Standard. For speaker wires and small cords. Pkg. of 40. 64-2875 79c

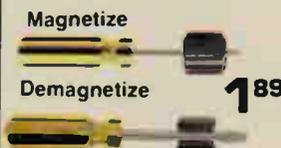
Ceramic Magnets



18^c Each

10-24	25-99	100-Up
15^c Each	14^c Each	12^c Each

Screwdriver Magnetizer



1⁸⁹

Super-efficient magnet helps screwdrivers hold onto screws. Makes jobs faster and easier. 64-1870 1.89

Precision Oiler

1⁴⁹

Use on electronic equipment, appliances, tools, toys and more. Resists dust, doesn't coagulate. 64-2301 1.49

10kV Dielectric Tape



Low As **49^c**

Roll Size	Cat. No.	Each
1/2" x 12 1/2 ft.	64-2348	.49
3/4" x 20 ft.	64-2349	.79
3/4" x 66 ft.	64-2350	1.29

Electrical Tape Assortment



1⁸⁹

5 Colors

PVC vinyl tape for color-coding and other home, shop and auto uses. 3/4" x 12 ft. rolls. 64-2340 1.89

Heat-Shrinking Tape



2⁴⁹

10-Ft. Roll

Use where shrink-tubing can't be used. Shrinks 30% lengthwise at 275° F. 3/4" wide. 64-2335 2.49

Copper Foil Shielding Tape

NEW FOR 87



2⁹⁹

1/2" x 10-Ft. Roll

Ideal for EMI/RFI shielding of cabinets, computer hookups, motors, RF circuits and more. 64-2341 2.99

Lubricating Gel



NEW FOR 87

2⁴⁹

Great for small motors and door hinges. Waterproof and won't attract dust! 64-2326 2.49

Teflon is a registered trademark of E. I. duPont Nemours & Co., Inc.

Self-Sticking Cushion Feet

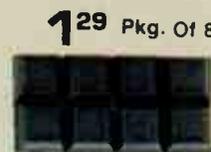


89^c

Pkg. Of 12

Great for projects, or as replacements on radios, calculators and more. Just peel and stick. 64-2346 89c

Jumbo-Size Cushion Feet



1²⁹ Pkg. Of 8

Self-sticking 3/4" square cushions are ideal for TVs, computers and other large items. 64-2342 1.29

Hook-and-Loop Fastener Strips



1⁸⁹

Pkg. of 4

Long-lasting 3" strips are great for attaching speaker grill cloth or doing home repairs and projects. 64-2345 1.89

2-Sided Foam Tape Strips



1⁸⁹

Pkg. Of 8

1" Wide, 3" Long

Instantly fastens almost anything. Great for hanging light pictures on walls. 64-2344 1.89

2-Sided Foam Tape Roll



1⁴⁹

40" Roll

For taping accessories to car dash, pictures to walls, and many other uses. 3/4" wide. 64-2343 1.49

SHOP SHACK® FOR CURRENT ELECTRICAL NEEDS

6-Outlet Power Strip With Voltage Spike Protector



29⁹⁵

- Protects Audio/Video Systems
- Built-In Broadband Noise Filter

Protects your electronic equipment from high-voltage spikes found on nearly all power lines, and reduces line noise (0.1 to 100 MHz). Lighted on/off switch. Clamping level, 340V at 50A. Rated 15A at 120 VAC. Circuit breaker, 6-ft. cord. UL listed AC. 61-2780 29.95

6-Outlet With Voltage Spike Protection

24⁹⁵

- Dual MOVs Protect Against Damaging Voltage Spikes
- Cordless—Plugs Directly Into Wall



Protects equipment and reduces line noise that degrades performance of microwaves, stereos, TVs and VCRs. Filter range, 0.5 to 5 MHz. Rated 13A. With circuit breaker. UL listed AC. 61-2786 24.95

Grounded Multi-Outlet Power Strips With Circuit Breakers

14⁹⁵

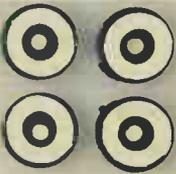


19⁹⁵

Add extra grounded outlets where you need them. Six-foot cord and grounded 3-prong plug. Rated 15A, 125 VAC. UL listed.

- (1) Four-Outlet Power Strip. 61-2620 14.95
 (2) Six-Outlet Power Strip. On/off switch with power indicator light. 61-2619 19.95

Light Bulb Life-Extenders



3⁹⁹

Package of 4

NEW FOR 87

Extends Life of Light Bulbs Up To 75,000 Hours!

Multiplies bulb life up to 100 times. Instant installation—attach to bulb base and screw in. Use with incandescent bulbs only. Not for 3-way bulbs. Rated 25 to 200 watts. UL listed AC. 61-2725, 3.99

Voltage Spike Protector



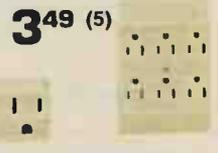
7⁹⁵

Protects equipment from harmful voltage spikes. Just plug protector into AC, and plug device into AC, and plug device into protector. Status indicator light. Rated 15 amps. UL listed. 61-2791 7.95

Multiple-Power AC Outlets



1⁹⁹
(4)



3⁴⁹ (5)

UL Listed for Electrical Safety

- (3) 4-Outlet. Two-wire type. 61-2621 1.99
 (4) 3-Outlet. Three-prong type. 61-2705 1.99
 (5) 6-Outlet. Three-prong type. 61-2622 3.49

Light Dimmers



6⁹⁵
Each

- (6) Rotary. Fit lighting to the occasion! Push-on/off. 120 VAC, 600W max. Incandescent only. Fits std. wall box. UL listed. 61-2699 6.95
 (7) Toggle. Full-range dimming between on/off. Rated as above. 61-2694 6.95

Plugs and Line Switch

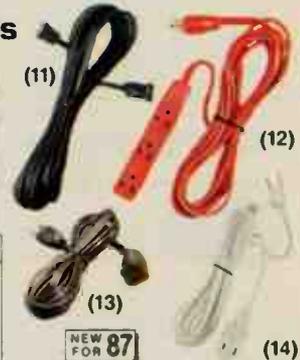


- (8) Quick-Plug. Easy-to-hookup replacement plug. Attaches in seconds. 61-2702 Pkg. 2/1.29
 (9) Flush Wall Plug. For "wall-hugging" appliances. Easy hookup. 61-2703 Pkg. 2/1.69
 (10) Line-Cord On-Off Switch. Ideal for lamps. 61-2713 99¢

UL Listed AC Extension Cords

- (11) 25-Foot 2-Wire One-Outlet Cord. Polarized plug and socket for safety. 61-2759 3.49
 (12) 10-Foot Grounded Power Center Extension Cord. 3-prong plug and three outlets. 61-2763, 4.99
 3-Foot Cord. As above. 61-2762 3.99
 (13) 10-Foot Grounded Cord. 61-2749 3.99
 (14) Standard Cord. Polarized, 2-wire cube outlets.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39



Tap and 3-Prong Adapter



UL Listed

(15) 3-Plug Angled Cube Tap. For "close-to-the-wall" use. Polarized. 61-2714 1.69

(16) Grounded Adapter. Converts 2-prong to 3. 61-2720 Pkg. 2/1.09

Outdoor Light Control



8⁹⁵

Ideal for Yard, Patio, Driveway

Eliminate "dark spots" around your home. Turns light on at dusk, off at dawn. Fits PAR-38 floodlight sockets. 150 watts max. UL listed AC. 61-2775 8.95

Automatic Indoor Plug-In Night Light



4⁹⁵

Turns on at dusk and brightens as darkness increases. Turns off at dawn. Ideal for hallways, stairs, bath or kids' room. 4 1/4 x 1 3/8 x 1 1/4". UL listed AC. 61-2646 4.95

Power-Failure Light



11⁹⁵

Doubles as a Rechargeable Flashlight

Don't be left in the dark! Automatically comes on when power fails. Light lasts up to 90 minutes. Wall plug retracts for flashlight use. Recharges when plugged into AC. UL Listed. 61-2654 11.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

World Radio History

LIGHT WHERE YOU NEED IT WHEN YOU NEED IT

Rechargeable Lantern and Safety Light



NEW FOR 87

19⁹⁵

Perfect in Power Failures

Two lights in one! Stored on the wall in its charging bracket, it's a power-safety light—comes on automatically when AC fails. Remove from the bracket, and it's a powerful lantern—the charge lasting up to two hours. Built-in rechargeable nickel-cadmium batteries. LED "power-on" indicator. With UL listed charger. 61-2740 19.95

Wireless Sonic Remote Control Switch



19⁹⁵

NEW FOR 87

Controls TVs, Lights And Appliances From Up to 100 Feet Away

No cords, wires or batteries! Just plug signal processor into AC outlet and electrical device into processor. Squeezing the hand-held "whistle" sends a sonic signal to turn the device on or off. Adjustable range. Rated to 400 watts. UL listed AC. 61-2661 19.95

Hands-Free Utility "Headlight"

NEW FOR 87

3⁹⁹

Adjustable Elastic Headband

Great when you need a flashlight and both hands free at the same time—auto repairs, night fishing, circuit-board work. Comfortable elastic headband is adjustable. Light pivots up and down to put the light where you need it. Requires two "AA" batteries. 61-2510 3.99



3-in-1 Fluorescent Lantern

NEW FOR 87

12⁹⁵

Three lights in one! Fluorescent—for camping, barbecues, power failures. Blinking Amber—for road and other emergencies. Beam Flashlight—plugs into lighter with 12-ft. cord, included. Requires 4 alkaline "D" batteries. 61-2735 12.95



Handy Mini Fluorescent Light

7⁹⁵

Extra-bright, lightweight lamp. Perfect for camping, highway emergencies and electrical blackouts. Small enough to fit in backpack or glovebox. 8 x 2 1/4 x 1 3/8". Requires 3 "C" batteries. 61-2734 7.95



Lighted Dual Magnifier

4⁹⁵

Read with 3" main lens or use 1" inset for fine type. Great for inspecting coins/stamps. Requires 2 "AA" batteries. 63-848 4.95



Flashlight Bargains



(1) 5-Cell Flashlight. Brighter than 2-cell types. Requires 5 "D" batteries. 68-1022 1.98

(2) 6-Volt Floating Lantern. Projects 1/4 mile beam. Great for fishermen. Requires 6V lantern battery. 61-2520 3.99

(3) "D" Cell Searchlight. Throws bright concentrated beam. Requires 3 "D" batteries. 61-2635 2.99

(4) Penlight. Fast way to find keyholes after dark. Pocket clip. Requires 2 "AA" batteries. 61-2626 1.99

(5) Disposable Clip Light. Handy clip attaches to shirt or coat pocket. With battery. 61-2625 1.49

(6) Disposable Hand Light. With battery. 61-2636 1.99

(7) "C" Cell Lantern. Requires 4 "C" batteries. 68-1035 1.98

(8) Magnet Light. Holds securely to metal. Great for auto mechanics. Requires 2 "D" batteries. 61-2640 2.99

(9) Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 1.99

(10) Economy Flashlight. Requires 2 "D" batteries. Unbeatable value. 61-2624 1.29

(11) Heavy-Duty "D" Cell. Requires 2 "D" batts. 61-2639 1.99

Deluxe Illuminated 30X Microscope

9⁹⁵

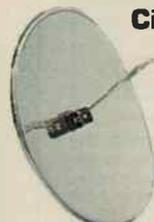
Deluxe microscope puts light directly on object. Ideal for school science classes. Thumbwheel focus. 5 1/2" long. Requires 2 "AA" batteries. 63-850 9.95



Great for Small Objects Like Coins, Stamps, Jewelry and Microcircuits

Flameless Solar Cigarette Lighter

1⁹⁹



No flint or flame—wind actually helps. Parabolic mirror lights cigarette in seconds. Carry pouch included. 61-2797 1.99

Immersion Beverage Heater

3⁹⁹



Now you can enjoy hot coffee, tea or soup anywhere there's an AC outlet! Rated at 200 watts. UL listed AC. 61-2551 3.99

NEW FOR 87

See Pages 110-112 for Dependable Radio Shack Long-Lasting Flashlight Batteries

NEVER COME HOME TO A DARK HOUSE AGAIN!

Deluxe Remote Control AC Timer Center



NEW LOW PRICE!

39⁹⁵

Was \$59.95 in 1986 Catalog

Automatically Sends On/Off Commands at Preset Times



Controls up to 16 electrical devices. No wiring to install! Uses house wiring and Plug 'n Power Modules (below, right) to wake you, start the coffee, turn on/off appliances rated at up to 15 amps or 1/2 horsepower, switch lights on or off (does not dim). Built-in digital clock. Battery backup operates timer if AC fails. 3 1/4 x 5 1/8 x 5 3/16". Backup requires 4 "AA" alkaline batteries. 61-2679 39.95

Wireless Remote Control Center

NEW FOR 87

39⁹⁵

Control Devices Up To 300 Feet Away

Turn on the house lights as you turn into your driveway! Turns lights and appliances on/off from inside or outside your home or office. UL listed receiver module has an AC outlet rated at 15 amp resistive. 500 watt incandescent lamp. Controls up to 3 more devices using Modules (below). Extra transmitters available on special order. Transmitter requires 9V battery. 61-2675 ... 39.95



Remote Control Command Center



NEW LOW PRICE!

24⁹⁵

Was \$29.95 in 1986 Catalog

- Controls Up To 16 Lights and Appliances
- No Wiring—Just Plug In

Without leaving your chair, you can turn TV, stereo and lights on or off, almost anything electrical—anywhere in your home! No wiring to install—just connect Modules at right to lights or appliances, then plug the Command Center and modules into AC. Dim and bright controls lower and raise lamp light levels. An all-lights-on button doubles as a panic switch in emergencies. LED "on" indicator. 1 1/2 x 5 3/4 x 4 1/8". UL listed AC. 61-2690 24.95

Plug 'n Power™ Control Modules



NEW LOW PRICES!

12⁹⁵

Was \$16.99 in 1986 Catalog

12⁹⁵

Was \$16.99 in 1986 Catalog

12⁹⁵

Was \$17.99 in 1986 Catalog

13⁹⁵

Was \$17.99 in 1986 Catalog

Appliance Module. Turns appliances on/off. Resistive load 15A, 1/2 HP motor, 500 watt incandescent lamp. UL listed. 61-2681 12.95
Lamp Dimmer Module. Convenient on/off and brighten/dim control of incandescent lamps to 300 watts. UL listed. 61-2682 12.95
Wall Switch Module. Pushbutton override. Incandescent 500W. UL. 61-2683, 12.95
Universal Appliance Module. For 3-prong plugs. TV: up to 400W. Other ratings same as 61-2681 above. UL listed. 61-2684 13.95

Programmable Electronic Thermostat



89⁹⁵

Why Heat and Cool an Empty House or Office?



Set all your heating/cooling temperatures at once for year-round "comfort" control and save on energy bills! Up to 6 different pairs of heating/cooling temperatures for each day of the week. Just set the LCD digital clock to the time you want the temperature change, select heating/cooling degrees and set clock to correct time. That's it! Easy to install using just a screwdriver. Replaces most 2, 3, 4 or 5-wire thermostats. Not for use on heat pumps. Requires 9V battery. 63-640 89.95

Low-Priced Micronta® AC Timers

NEW LOW PRICES!

Low As **7⁹⁵**

24-Hour Repeating Cycles



These repeating timers are great when you have just one lamp or appliance to control. Rated up to 15 amps at 1875 watts. UL listed for electrical safety.

- (1) Mini Plug-In Timer. Cordless—plugs into AC wall outlet. 21 1/2 hrs. max. on time, 2 1/2 hrs min. 4 3/4 x 2 3/4 x 1 1/4". Was 8.95 in 1986 Catalog. 63-862 7.95
- (2) Multi-Program Plug-In Timer. 24 programming tabs for up to 12 hourly on/off cycles. Leaves 1 AC outlet exposed. Manual override. 4 x 2 x 1 1/4". Was 11.95 in 1986 Catalog. 63-864 9.95
- (3) Tabletop Multiple Timer. Up to 12 on/off functions daily. Override control. 2 3/4 x 4 x 3". Was 15.95 in 1986 Catalog. 63-865 14.95

MICRONTA® - PRECISION'S WATCHWORD

Revolving Credit Available
See Page 3

VoxWatch™ "Tells" Time

39⁹⁵



Synthesized "Voice" Announces Time

VoxWatch "tells" you the time or the alarm-set time. Alarm announces time and plays wake-up melody. Stopwatch announces time every 5 minutes. LCD display shows time, date, day of week. With RS393 batteries.

63-5040 39.95

Analog/Digital Chronowatch

NEW FOR 87



29⁹⁵

Fashionable analog dial with hour/minute/second hands plus the precision of an LCD quartz chronograph! Water-resistant to 98 feet. LCD calendar mode. With RS399 battery.

63-5030 29.95

Accurate LCD Quartz Wristwatches



Available Oct. 30, 1986

24⁹⁵

NEW FOR 87

19⁹⁵

NEW LOW PRICE!

14⁹⁵

NEW LOW PRICE!

12⁹⁵

9⁹⁵

Phone Directory/Calculator Watch. Store up to 40 phone numbers and recall on scrolling alphanumeric LCD simply by keying in name or initials. Automatic calendar adjusts for 28, 30 and 31-day months. Four-function calculator with decimal points. 12/24 hour display, 24-hour alarm. With RS-CR2025 battery. 63-5060 24.95

Water-Resistant Analog. Quartz accuracy and traditional styling. Water resistant to 150 ft. Sweep second hand. Durable "sports" case and band. With RS399 battery 63-5065 19.95

Chronoalarm. Displays month/date/day, time or stopwatch with 1/100 sec. lap and total times. 24-hr. alarm, selectable hourly chime. Auto-calendar. With RS392 battery. Was \$15.95 in 1986 Catalog 63-5057 14.95

Calculator/Alarm. 24-hour alarm, 4-function 8-digit calculator, auto-calendar. With RS398A battery. Was \$15.95 in 1986 Catalog. 63-5059 12.95

Water Resistant Watch. Withstands 100-ft. depth. 24-hour alarm with hourly chime. Automatic calendar. With RS392 battery. 63-5058 9.95

Seven-Day Digital Timer



29⁹⁵

NEW FOR 87

Selectable Random On/Off Times for "At-Home" Look

Programs an electrical device to switch on and off at different, random or fixed times. Gives you home the "at-home" look which burglars look for—and avoid. Seven on/off programs for either weekly or daily. Precise to-the-minute timing. Instant on/off override. Battery backup maintains time and program during power failures. Easy to read LCD clock display. Rated at 15A, 1875W. UL listed AC. Backup requires 2 "AA" alkaline batteries.

63-889 29.95

24-Hour Timer



21⁹⁵

Was \$24.95 in 1986 Catalog

NEW LOW PRICE!

Two-Piece Design Ends Tangled Cords

To-the-minute control for your TV, VCR, stereo or lamp. Control unit has 0.6" LED and battery backup to maintain time/memory if AC fails. Battery Sentinel™ warns of weak battery. Appliance plugs into wired switch unit. Instant on/off override. LED indicators for "timer on" and p.m. Rated 15A, 1875W. Control 2 x 5 3/8 x 3". UL listed AC. Memory requires 9V battery. 63-888 21.95

LCD Quartz Stop Watches



19⁹⁵

Each

Both Include Neck Cord, Manual And RS357A Batteries

(1) Professional. Audibly indicates start/stop/lap/reset. Times to 9 hrs., 59 min., 59 and 99/100 sec. 63-5010 19.95

(2) Chronograph. Times to 59 min., 59 and 99/100 sec. lap/total time. Reads hr./min./sec. or month/date/day. Was \$29.95 in 1986 Catalog. 63-5009 19.95

LCD Digital Watch Pen



5⁹⁵

Timely Writing Tool

Displays hrs./mins./secs. or month/day. With RS392 battery.

63-5075 5.95



NEW FOR 87

Handy Countdown Timers

(3) Wall or Counter Clock and Rotary Timer. Two programs—times up to 100 minutes in 5 minute increments and to 10 minutes in 30 second increments. Beeps when counter reaches zero. Requires "AA" battery. 63-882 14.95

(4) Pocket Timer. Times up to 99 minutes, 59 seconds. Beeps when counter reaches zero. Fold-down stand and pocket clip. With RS357A battery. 63-880 14.95

(5) Stick-On Calendar Clock With Timer. Measures elapsed time to 15 minutes. Calendar clock displays month/day or hour/minute. With RS357A battery, mounting tape. 63-840 3.88

(6) Pocket/Magnet-Mount Timer. Maximum of 99 minutes, 59 seconds. Beeps at zero. Pocket clip or magnetic mounting. With RS357A battery. 63-879 10.95

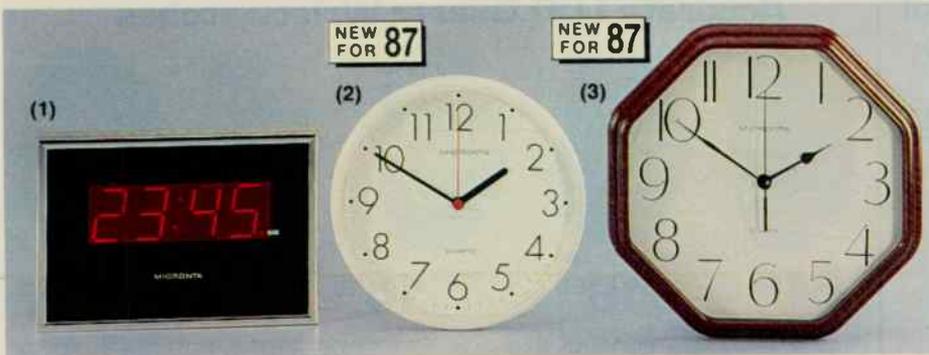
(7) 24-Hour Pillbox Timer. Reminds you to take your medication. Counts down from up to 23 hours, 59 minutes in 1 minute increments. Beeps at zero. Sliding top covers controls and pillbox. With RS357A battery. 63-881 14.95

There's a Radio Shack® Store or Dealer Near You—Wherever You Are

World Radio History

MICRONTA® CLOCKS FOR VALUE AND ACCURACY

Stylish Wall Clocks



(1) AC-powered clock with giant 1.8" LED display has switchable 12/24 hour mode. Built-in stand for use on table or desk, too. Brushed chrome finish. Battery Backup/Sentinel. 6 ft. power cord. 6⁵/₈ x 9¹/₁₆ x 2¹/₈" UL listed. Backup requires 9V battery.

63-805 19.95

(2) Battery powered—no dangling cords! Quartz accuracy. Large numerals can be seen from across a room. Sweep second hand. Molded housing. 9" dia. x 1¹/₂" Requires "AA" battery. 63-806 11.95

(3) Battery-powered quartz clock with big 11" face for easy readability. Distinctive styling, extra-large numerals, "click-stop" second hand and woodgrain molded housing. 1⁵/₈" deep. Requires "AA" battery.

63-807 19.95

LCD Table Alarm Clock



NEW LOW PRICE!

14⁹⁵

Was \$15.95 in 1986 Catalog

Battery-powered clock features large 0.7" display. Snooze control, p.m. indicator, easy-to-operate time-set control, backlight button and 24-hour alarm. 17⁵/₈ x 4 x 2⁵/₈" Requires "AA" battery.

63-745 14.95

LCD Clock Thermometer



12⁹⁵

Displays Indoor Temperature In C° or F°

Use-anywhere clock with quartz accuracy displays time or, at the touch of a button, temperature. Has 0.5" display and backlight button. Mounting bracket/stand. 17⁵/₈ x 27¹/₈ x 1¹/₂" With RS 357A battery. 63-841 12.95

LCD Folding Travel Alarm

17⁹⁵

■ Fits Pocket, Purse Or Briefcase

■ 0.6 LCD Display



A.m., p.m. and "alarm" indicators. Backlight button for night viewing. Folds to 3 x 3¹/₈ x 1¹/₁₆" With RS 357A battery. 63-705 17.95

LCD Anywhere® Mini-Clocks



Alarm Clock Clock

12⁹⁵ 10⁹⁵

(4) Alarm Clock. 12/24-hour backlight display, snooze button. 1⁵/₈ x 3¹/₄ x 1¹/₂" With RS 76 battery.

63-838 12.95

(5) Clock. Stick-on bracket fastens to anything. 3³/₁₆ x 7¹/₁₆ x 1¹/₄" With RS 357A battery. 63-836 10.95

Micro and Mini Travel Alarms

Micro

12⁹⁵

Mini

10⁹⁵



(6) Micro. LCD display, backlight button, 24-hour alarm, alarm-on indicator, snooze control. 1³/₄ x 3 x 1¹/₄" With RS 357A battery. 63-706 12.95

(7) Mini. Analog timekeeper with luminous hands, sweep second hand, carry pouch. 2¹/₄ x 2¹/₄ x 1¹/₈" Requires "AA" battery. 63-716 10.95

LCD Clock/Thermometer & Timer



Clock Thermometer
17⁹⁵

Executive Timer
14⁹⁵

Shows time in 12 or 24-hour mode, temperature in Fahrenheit or Centigrade. Alarm, snooze. 2¹/₂ x 3 x 3¹/₄" Requires 2 "AA" batteries. 63-730 17.95

Shows time of day or elapsed time to 59 minutes, 59 seconds. Reset, a.m./p.m. indicators. 2¹/₂ x 3 x 3¹/₄" Requires "AA" battery. 63-735 .. 14.95

Accurate Quartz Clocks for Vehicles

Fluorescent

LED

24⁹⁵

17⁹⁵

■ Dim for Night Driving

■ Blank When Ignition is Off

(8) Fluorescent. 24-hour alarm. Fast/slow setting controls. 17⁵/₈ x 4 x 1⁵/₈" 12VDC pos./neg. gnd. With mounting hardware. 63-834 . 24.95

(9) LED mini clock fits almost anywhere. Brightness control. 1¹/₂ x 3¹/₂ x 1³/₈" 12VDC pos./neg. gnd. With mounting hardware. 63-833 17.95



CLOCKS OF ALL KINDS—SOME EVEN TALK

Revolving Credit
Available
See Page 3



Talking Alarm Clock/Timer



It Really Talks!

39⁹⁵

- Announces Time Hourly Or at Tap of Button
- Handy Countdown Timer

Talking Dual-Alarm

49⁹⁵

VoxClock-3. Announces time when alarms sound, or time/month/date at the tap of a button. Volume control, forward/reverse time set. Snooze alarm, dimmer, 0.9" LED. Battery Backup/Sentinel. 2 x 6 x 5". UL listed AC. Backup req. 7 "AA" batteries. 63-906 49.95



"His" and "Hers" Alarm Settings—Voice or Melodious Chimes

VoxClock*-2. 24-hour alarm announces the time five minutes before sounding, then wakes you with a melody. Timer counts down at 10-minute intervals down to 10 minutes, then every minute until the preset time. 2³/₈ x 2⁷/₈ x 2⁷/₈". Requires 3 "AA" batteries. 63-903 39.95

Clock With Blue Fluorescent Display

19⁹⁵

This space-saver has a bright 0.6", selectable 12 or 24 hour display that's easy to see, even in bright light. Snooze control, 24 hour alarm-on and a.m./p.m. indicators. 2¹/₈ x 5¹/₂ x 3". Battery Backup/Sentinel. UL listed AC. 63-753 19.95

- Simple Time Setting
- Alarm On Indicator

Jumbo LED Digital Clock

NEW LOW PRICE!

24⁹⁵

Was \$27.95 in 1986 Catalog

Oversize display makes this clock one of our most popular. 12/24-hour display, snooze, 24-hour alarm, hi/low brightness. Battery Backup/Sentinel. 4 x 8 x 3⁵/₈". UL listed AC. 63-765 24.95



1.8" Display

Uniquely Styled LED Digital Clock

NEW FOR 87

14⁹⁵

Looks Great on Night Table, Desk, or Counter Top

Blends in with your modern lifestyle. Big 0.9" display has hi/low dimmer and can be seen from across the room. Has a snooze bar, p.m. indicator and 24-hour alarm. Battery Backup/Sentinel. 3³/₄ x 4⁷/₈ x 4³/₄". UL listed AC. 63-756 14.95



Easy-to-Set Dual-Alarm LED Clock

NEW FOR 87

17⁹⁵

Set two wake-up times—"his" and "hers". Sharp 0.6" display. Fast/slow, forward/reverse buttons for setting time and alarm. Snooze bar, alarm indicator. Battery Backup/Sentinel. 2 x 5⁹/₁₆ x 3¹/₁₆". UL listed AC. 63-778 17.95



- Perfect for Working Couples
- Forward/Reverse Timeset

LED Digital Alarm Clock

NEW FOR 87

9⁹⁵

Our Lowest Priced Digital

Bright 0.6" display features p.m. and alarm indicators. Has snooze bar for catching extra winks in the morning. Battery Backup/Sentinel. 2 x 5⁵/₈ x 3¹/₈". UL listed AC. 63-754 9.95



Battery Backup/Sentinel® Featured in All LED AC Clocks



Battery Backup keeps clock running, without display, for up to eight hours and alarm for 10 minutes.



Front-panel red LED Battery sentinel warns you if backup battery is weak or missing.

Backup requires 9V battery, except 63-906

12/24-Hour LED Digital

NEW FOR 87

14⁹⁵

Soft or Loud Alarm Control

You can choose between 12 or 24-hour readouts. Has large 0.7" display for easy viewing any time and snooze bar. Battery Backup/Sentinel. UL listed AC. 2 x 5¹/₂ x 3¹/₄". 63-755 14.95



RADIO SHACK - AMERICA'S PHONE COMPANY™

1-Piece Personal Phones For Desk or Wall



Pulse Dial

17⁹⁵

Switchable
Touch-Tone or
Pulse Dialing

19⁹⁵



- Hang Up on Any Flat Surface
- Hi/Lo/Off Adjustable Ringer Volume Control
- Ideal Extension or Main Phone

Radio Shack ET-120 Pulse. Features touch-redial of last number called, mute button for privacy. With 16-ft. modular cord. White, 43-501. Brown, 43-502 17.95
ET-125 Touch-Tone/Pulse. Will access low-rate tone-required services, even from rotary dial lines. With 16-ft. cord. White, 43-509. Brown, 43-510 19.95
Matching Wall Brackets. White, 43-186. Brown, 43-187 Each 1.99

Pushbutton Desk/Wall Trim-Fone™ With Illuminated Dial



49⁹⁵

- Switchable Touch-Tone or Pulse Dialing
- Hi/Lo Ringer Control

Features touch-redial of last number called and an illuminated dial so you can easily recognize the numbers even when dialing from a low-light room. Switchable Touch-Tone/pulse dialing lets you access low-rate long-distance, bank-by-phone and other computerized services even from non-tone lines. With 6-ft. modular cord. White, 43-525. Brown, 43-526 49.95

Contemporary-Style Pushbutton Phone

34⁹⁵

Your Choice
Of 3 Colors



For Desk
Or Wall



- Switchable Touch-Tone or Pulse Dialing
- Illuminated Dial ■ Reset Button
- Distinctive Modern Styling

Ideal main or extension phone. Features touch-redial, on/off bell control and index for listing 10 of your most often-used or emergency numbers. Handy reset button for placing a series of calls without returning handset to base. Detachable coiled handset cord, 6-ft. modular line cord. White, 43-527. Almond, 43-528. Brown, 43-529 34.95

Trim-Fone With Volume Control

49⁹⁵



- Switchable Touch-Tone Or Pulse Dialing
- For Desk or Wall

Radio Shack ET-275. Receiver-volume adjusts to boost sound if connection is weak, or if using in a noisy area. One-button touch-redial of last number called if busy or no answer. Hi/lo/off ringer control. Detachable coiled handset cord. 43-524 49.95

Dependable Telephones With Pushbutton Operation



39⁹⁵

NEW LOW
PRICE!

39⁹⁵

Was \$49.95 in
1986 Catalog



Switchable Touch-Tone or Pulse Dialing Saves You Money by Allowing You to Access Services Requiring Tones—Even on a Rotary-Dial Line

Radio Shack ET-170. Enjoy pushbutton operation even on a rotary-dial line with this standard phone perfect for office or home. Has one-button touch-redial of last number called, pleasant-sounding electronic ringer with hi/lo/off loudness control. 7-ft. modular cord. White, 43-364. Beige, 43-365. Brown, 43-366 39.95
Mini Wall-Mount Phone. Lightweight, compact and instantly mounts over any standard modular wall jack. Has one-button touch-redial, hi/lo ringer-loudness control and detachable coiled handset cord. 43-336 39.95

Wall-Mount and Desktop Trim-Fones



39⁹⁵
Each



Switchable
Touch-Tone or
Pulse Dialing

Feature one-button touch-redial of last number called and switchable Touch-Tone/pulse dialing to access low-rate long-distance, bank-by-phone and other computerized services. "Hang up" button lets you place a series of calls without returning handset to base. Hi/lo ringer control. Detachable coiled handset cord.

Wall-Mount. Fits std. modular wall jack. 43-357 39.95
Desktop. White, 43-518. Brown, 43-519 39.95

PHONES FOR EVERY BUDGET & PURPOSE

Extended Service Plan
Available for All Telephones

20-Number Auto-Dialing Desk/Wall Telephone

**NEW
FOR 87**
49⁹⁵

Programmable
Touch-Tone or
Pulse Dialing

Radio Shack ET-192. Auto-dials up to 20 numbers of up to 16 digits each. Touch-redial, ringer-adjust, comfortable "K" style handset. Remove inlay to customize with your own fabric. With CR2032 memory backup battery. 43-532 49.95



Multi-Line Telephone System Handles Up To 4 Outside Lines and 10 Stations



139⁹⁵
Per
Station

- Plug-In Installation ■ Touch-Tone Dialing
- No Special Wiring ■ For Desk or Wall
- Control Circuitry is Built Into Each Phone—No External Control Unit Needed

Low As \$20 Per Month*
See Page 3

System 404. Big-system features in a system you can install yourself in home or office. Lets you handle up to four separate lines without the expense of an external controller. Features Hold button for placing any or all lines on hold, four line-key access buttons and line-status LEDs that show when line is ringing, in use or on-hold—for any phone on the line. Adjustable ringer-volume. Modular jack for adding an auto-dialer, speakerphone or other accessory. Battery backup if AC fails. Battery test button with LED indicator. Plug-in installation using two standard RJ14C jacks. UL listed AC. Backup circuit requires 9V battery. 43-451 Per Station 139.95

5-Number Memory Home/Office Desk Phone

59⁹⁵

- Switchable Touch-Tone Or Pulse Dialing
- Program PABX Commands

Radio Shack ET-150. One-touch use of services like Call Waiting—no access codes to memorize. Auto-dials five numbers of up to 16 digits each. Chimes-on-hold, touch-redial. Handset volume and ringer hi/lo/off control. Memory backup requires 4 "AA" batteries. 43-362, 59.95



1-Piece, 20-Number Dialer-Fone



**NEW
FOR 87**
24⁹⁵

Available Sept. 30, 1986

Switchable Touch-Tone or Pulse Dialing

Radio Shack ET-135. Stores up to 20 numbers of up to 16 digits each for fast auto-dialing. Even chain-dials two numbers in memory. Touch-redial, hi/lo/off ringer control. Label for listing numbers in memory. Hangs up on any flat surface. White, 43-511. Brown, 43-512 24.95



Add Elegance to Your Home With a Fashion-Fone®



59⁹⁵

49⁹⁵

**NEW LOW
PRICE**

74⁹⁵ Was \$79.95 in
1986 Catalog

59⁹⁵

French-Style. All the charm of Paris' "Left Bank" at a "down-home" price. "Continental-style" ringer and ornamental handset. Rotary dial. 6-ft. modular cord. 43-326 59.95
"Cutie". Extra petite and extra pretty. Rotary dial. 6-ft. modular cord. 43-324 49.95
Imperial Classique. Exquisitely detailed scrollwork adorns the antiqued base. Has extended dial for easier operation. Rotary dial. 6-ft. modular cord. 43-323 74.95
Continental Classique. Touch-redial. Touch-Tone/pulse. 6-ft. mod. cord. 43-330 59.95

"Funtastic" Big-Button Phones



49⁹⁵

39⁹⁵

Square. Features touch-redial, mute button (in pulse mode) and ringer-adjust. Touch-Tone or pulse dialing. For desk or wall. 7-ft. modular cord. 43-344 49.95
Linear. As above, but with two rows of super-size buttons. No mute button. 43-345 39.95

SWITCHABLE and PROGRAMMABLE TOUCH-TONE/PULSE dialing phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary dial) lines, you can still use services requiring tones, like the new long distance systems and computerized services. TOUCH-TONE phones give you access to services requiring tones, but do not function on pulse (rotary dial) lines. ROTARY/PULSE-SIGNALING phones work on both rotary dial Touch-Tone lines but do not produce the tones needed to access the above services.

FEATURE-PACKED HOME/OFFICE 2-LINE PHONES

**Our Best! 2-Line Touch-Tone/Pulse Speakerphone
With 30-Number Memory and LCD Display**

**NEW
FOR 87**

159⁹⁵ Low As \$20 Per Month*

- Handles Two Separate Phone Lines—Simply Plug into RJ14 Jack
- Programmable Touch-Tone or Pulse Dialing Works on Any Phone Line

DUÖFONE®-195. Features a Hold button that lets you place one or both lines on hold and a Conference button that allows 3-party calls with both outside lines. Soft program memories store up to 30 numbers or office PABX commands of up to 32 digits each for fast automatic dialing and easier use of phone system features. LCD display shows time, day, elapsed time on each call and telephone number dialed. Built-in speakerphone for hands-free conversations. "Flash" button for easier use of Call Waiting and other special services. Pause key for use with phone systems that require an access code to get an outside line. Automatic redial of last number entered up to 10 times, plus redial memory for placing other calls between redial tries. LEDs indicate which line is ringing, on-hold or in-use. Hi/lo/off ringer control, comfortable "K"-style handset. For wall mounting or desktop use. Battery backup of memory contents if AC fails. Modular connectors. Includes UL listed AC adapter. Memory backup requires 4 "AA" batteries. 43-610 159.95



**Unique Desk Telephone Handles Two Incoming Lines
And Expands for Use on Up to Five Stations**

79⁹⁵
Per Station

- LED Line-Status Indicators ■ No External Controller Needed
- Selectable Touch-Tone or Pulse Dialing Works on Any Phone Line
- Plugs Into Existing Modular Jack (RJ14)—No Rewiring Necessary

System 205. A smart choice for expanding businesses. This economical system grows as your business grows. Two line-access buttons let any station place or answer calls on either line. Hold button permits placing one or both lines on hold. LEDs indicate when either or both lines are ringing, on-hold or in-use at all stations. Also features separate line-ringers with hi/lo/off ringer control, and touch-redial of last number called if busy or not answered. Selectable Touch-Tone or pulse dialing allows users on rotary-dial lines access to low-rate long-distance, bank-by-phone and other computerized services requiring tones. Ready to plug in with 7-foot modular cord. UL listed AC. 43-430 Per Station 79.95



2-Line Pushbutton Phones



(1)

59⁹⁵
Each

Selectable
Touch-Tone
Or Pulse
Dialing



(2)

(1) **Radio Shack ET-180 Desk Phone.** Enjoy two-line convenience without the added expense of two separate phones. Answer one line, put it on hold and dial from the other, even place both lines on hold. Access keys and adjustable ringers for each line. One-button touch redial. Ringing/hold LEDs. With 7-ft. modular cord. 43-373 59.95

(2). **Radio Shack ET-181 Mini-Wall Mount Phone.** As above, but mounts on modular wall plate. Detachable coiled handset cord. 43-372 .. 59.95

Auto-Dialing 2-Line Desk or Wall Phone

**NEW
FOR 87**

69⁹⁵

- Programmable Touch-Tone Or Pulse Dialing
- LED Line Indicators

Radio Shack ET-193. Control two lines from one phone. Memory stores and dials up to 20 numbers of up to 16 digits each. LED hold/ring and dialing indicators. Hi/lo/off ringer control. Has touch-redial, hold, pause and flash buttons, "K"-style handset. Plugs into modular jack (RJ14). With CR-2032 memory backup battery. 43-533 69.95



ELECTRONICS TO KEEP YOU INFORMED

• Revolving Credit Available
See Page 3

Amazing Sensor Alert "Tells" You What's Going On While You're Away

Voice Synthesized—It Delivers Spoken Messages in Plain, Easy-to-Understand English

NEW FOR 87

99⁹⁵

Low As \$20 Per Month*



DUOFONE Sensor Alert. A complete home or office "watchman". Monitors to determine that electricity is on, that temperature is within your preset limits, and detects loud sounds such as smoke or burglar alarms—and one other condition of your choosing. If there are disruptions, Sensor Alert automatically telephones you or another party continuously until message is received and acknowledged. In most areas it can even be programmed to call your Tandy Pocket Pager (below), and alert you wherever you are. And you can listen for unusual sounds or noise inside the monitored area through the built-in mike, or with an optional external microphone. Power-failure response and listen-in time settings can be adjusted from 1 to 199 seconds. Keyboard lock code prevents unauthorized setting changes. Battery backup powers system for up to 15 hours if AC fails. Voice synthesizer also warns you with a spoken message if battery is low. External sensor connection terminals for normally open or closed circuits. Modular connector with 6-ft. cord. Not for coin or party-lines. Pulse dialing. 1⁵/₈ x 7¹³/₁₆ x 4³/₈" UL listed AC. Requires 6 "AA" batteries for backup. The "last word" in home security! 43-166 99.95

- Constantly Monitors Conditions in Your Home or Office—Checks for One or All Of These—Power Failure, Temperature, Burglar and Smoke Alarm Activation
- Automatically Calls Up to Four Telephone Numbers and Its Built-In Voice Synthesizer Delivers Spoken Messages
- You Can Call From Anywhere, Anytime to Check the Status of the Monitored Area
- Announces Temperature Upon Command
- Adjustable Response Time ■ Battery Backup
- For Tabletop or Wall Use
- Ideal for Computer Rooms

Tandy Personal Pocket Pager Keeps You in Touch

99⁹⁵

Low As \$20 Per Month*

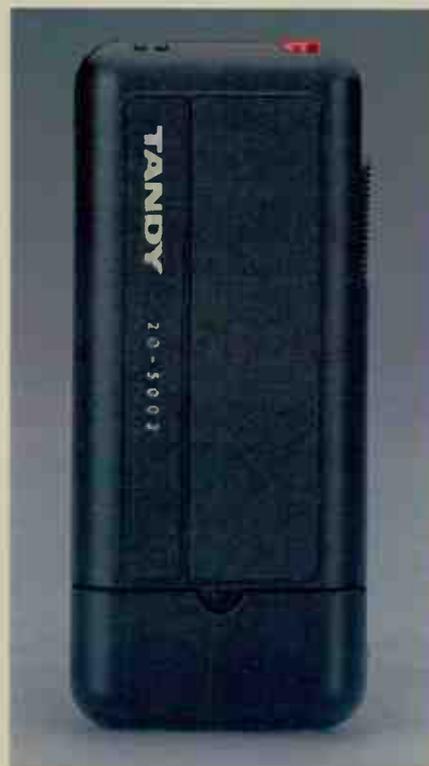
Shown Actual Size

Paging service fee extra

- Now Available in Most Major Cities—Call Your Nearest Radio Shack for Availability
- Perfect for Today's Active Families—You Can "Beep" the Kids Home
- Babysitter Can Reach You Quickly and Easily When You're at Work or Out on the Town
- Lightweight and Compact—Clips to Belt or Pocket

The Tandy Pager brings you that wonderful "peace-of-mind" feeling when you're out of the house. You can relax and enjoy yourself because your family, friends, babysitter or office can instantly reach you. When your exclusive local paging telephone number is called, a radio signal alerts you to phone in for the message. If you can't be interrupted, there's a "silent paging" mode that stores the signal in memory until you check it. You don't have to worry about interruptions at church, the theater or during meetings. The Tandy Pager is one of the smallest available—just 1/2" thin. It clips conveniently to your pocket or belt—you'll forget it's there until you *don't* miss that important call. With type 675 HP batteries. FCC registered.

Extra Pager Batteries. 23-150Pkg. of 2/1.69



Your Family Can Notify You Anytime, Anywhere

Come in for a Demonstration

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

MAKE RADIO SHACK YOUR PHONE COMPANY*



- Display Shows Name/Number Being Dialed and/or Time/Day/Date
- Priority Dialing of Up to 12 Numbers of Up to 32 Digits Each
- Directory Stores 100 Numbers/Names ■ Touch-Tone/Pulse Dialing

Deluxe Phone With Auto-Dialer, Directory and Speakerphone

NEW FOR 87

199⁹⁵

Available Oct. 30, 1986

ESP Available

Low As \$20 Per Month*

DUOFONE®-205. This feature-packed phone has it all! Its built-in microprocessors control all functions. Besides one-touch automatic dialing, it has an electronic directory that will store 100 names (up to 15 characters each) and their phone numbers (up to 32 digits each). The numbers in the directory are recalled by the associated name so you don't have to remember long lists of digits! All names and numbers are shown on the fluorescent display, as well as current time, day, date and length of call. There's even a 5-setting alarm to remind you of appointments or calls to make. You can set the alarm to sound at the same time every day, on one weekday only, or on a specific date of the year.

Built-in 2-way speakerphone with automatic talk/listen switching provides hands-free conference and "family" calls. Programmable Touch-Tone or pulse dialing allows operation on any line. Auto-redial feature calls a busy or unanswered number 10 times or until the call is answered. Time-Zone function lets you program in time differences and avoid calling at odd hours. Also features a "Flash" button for easier use of Call Waiting and office PABX features and a pause key for use with systems that require an access code to get an outside line. Other features include switchable dual-tone ringer with hi/lo/off control, privacy button, comfortable "K"-style handset and battery backup of memory contents in case of AC power failure. Modular connectors. 3³/₄ x 10³/₄ x 8¹/₂". UL listed AC. Memory backup requires 4 "AA" batteries. 43-630 **199.95**



- Provides You With a Printed Record of All Telephone Calls
- Prints Time, Date & Length of Incoming/Outgoing Calls, Account Numbers and Number Dialed on Outgoing Calls
- Works With Rotary and Touch-Tone Lines

Our Computerized Phone Accountant Helps You Control Telephone Costs

NEW FOR 87

99⁹⁵

Low As \$20 Per Month*

Available Nov. 15, 1986

DUOFONE CPA-1000. A price breakthrough! Never before could you get a call accounting unit at this unbelievable low price! This line management and detail recorder makes it easy to cut telephone costs in homes and small businesses by pinpointing telephone misuse and abuse. Plugs in anywhere on your line to provide you with an easy-to-read, detailed printout of all incoming and outgoing calls made on your line. It automatically prints month/day/year, starting time and length of each call—even the number of rings before an incoming call was answered. You can set it to print the number dialed on outgoing calls, as well as client account numbers so you can bill their accounts for telephone time spent on their behalf. If you have Call Waiting, you can answer the second call and still have a complete record. The CPA-1000 will print the amount of time spent on your original call and the time spent while you answered the second call. The account numbers for both calls can be printed for billing purposes. You'll also get the total time spent on both calls.

The CPA-1000 prints details as they happen and, at the end of every day, the system gives you a summary printout of that day's calls: the total number of incoming calls answered; the total number of incoming calls unanswered; the total number of local outgoing calls (less than 10 digits long); and the total number of outgoing calls that were long-distance (more than 10 digits long). And you can get a summary printout any time the line is not in use so you can spot misuse or abuse almost instantly. Battery backup system maintains all functions if AC power fails. With low-battery and power-on LED indicators. Simple plug-in installation. For single line use. 2 x 5⁷/₈ x 6¹/₄". UL listed AC. Backup requires 4 "AA" batteries. 43-152 **99.95**

CONVENIENT MULTI-FEATURE PHONES

*Revolving Credit Available
See Page 3

Auto-Dialing Speakerphone With Display

NEW FOR 87

129⁹⁵

Low As \$20 Per Month*

Available Oct. 30, 1986

ESP Available

- Memory-Dialing of Up to 32 Numbers ■ Programmable Touch-Tone/Pulse
- LCD Display Shows Time/Length of Call or Number Dialed ■ Auto-Redial



DUÖFONE-166. Packed with deluxe features for home or office! Soft-program memory stores and dials up to 32 frequently called numbers and/or office PABX commands. Programmable Touch-Tone/pulse dialing lets non-tone users access services requiring tone signals, like low-rate long-distance and bank-by-phone services. Built-in 2-way amplifier lets you enjoy hands-free family and conference calls, and the Monitor button allows on-hook dialing. "Flash" button for use with special phone company services like Call Waiting. Pause key for use with systems requiring an access code to get an outside line. Built-in alarm reminds you of appointments, auto-redial calls last number dialed up to 10 times if busy or no answer. Comfortable "K"-style handset. Battery back-up of memory contents if AC power fails. Modular connectors. For desk/wall. 4 1/2 x 7 1/8 x 9 1/2". Includes UL listed AC adapter. Memory backup requires 4 "AA" batteries. 43-604 129.95

Auto-Dialing Plus Priority Call Buttons

69⁹⁵

33-Number Memory

Both Phones Are Programmable Touch-Tone or Pulse Dialing

ESP Available

89⁹⁵

2-Way Amplifier

(1) **DUÖFONE-170.** Great features and quality at an incredible low price! Stores up to 30 numbers up to 30 digits each for accurate, automatic dialing. Three additional memory locations with their own priority pushbuttons can be used for fast, one-touch dialing of emergency calls. Programmable Touch-Tone/pulse dialing works on any line and provides access to tone-required services even from rotary-dial lines. Also features touch-redial of last number entered, hi/lo/off ringer control and pause button for use with systems that require an access code. Soft-touch keys, "K"-style handset. Battery backup protects memory during service interruptions. 2 3/8 x 5 1/2 x 8 3/8". For desk or wall. With 6-ft. modular cord. Memory backup requires 3 "AA" batteries. 43-605 69.95

(2) **DUÖFONE-180.** All the features above plus built-in speakerphone for hands-free conversations and "flash" button for easier use of Call Waiting and other services. Speakerphone has automatic talk/listen switching, adjustable volume and a privacy button. 43-606 89.95



Touch-Tone/Pulse Dial With 32-Number Auto-Dialing

89⁹⁵

ESP Available

DUÖFONE-145. A valuable addition to any home or office. Memory stores up to 32 numbers of up to 28 digits each for accurate, one-touch dialing. Touch-Tone/pulse dialing system for use on any line. "Flash" button for easier use of Call Waiting and office PABX features. Pause key for systems requiring an access code. Pause can be entered manually or where needed in memory-stored numbers. Auto-redial calls the last number entered up to 10 times if it was busy or unanswered. Also features hi/lo/off ringer control, battery backup of memory contents if AC fails. Desk/wall. 3 1/2 x 7 x 9 5/16". Includes UL listed AC adapter, 6-ft. modular cord. Memory backup requires 4 "AA" batteries. 43-600 89.95

Desk Phone With 2-Way Amplifier

NEW FOR 87

ESP Available

59⁹⁵

Touch-Tone Or Pulse Dialing

Available Sept. 30, 1986



Radio Shack ET-175. Features a built-in speakerphone with volume control for hands-free family and conference calls. Switchable Touch-Tone/pulse dialing allows users on non-tone lines to access tone-required services. Hi/lo/off ringer control. With 6-ft. modular cord. Phone-line powered. Jack for optional AC adapter for use on low-voltage phone lines. 43-369 59.95

- Monitor Button for On-Hook Dialing
- Comfortable "K"-Style Handset

All Radio Shack Phones Are FCC Registered / Not for Coin or Party Lines

World Radio History

SHOP THE TELEPHONE BOOTH® & GO CORDLESS

Our Lowest Priced Touch-Tone/Pulse Dialing Cordless Telephone

- Touch-Tone/Pulse Dialing System for Use on Any Telephone Line
- No Trailing, Twisting Cord to Get in Your Way ■ For Desk or Wall
- 46/49 MHz Operation Improves Sound Quality and Cuts Interference
- Maximum Legal Output Power ■ Factory-Programmed Security Code

NEW FOR 87

79⁹⁵

Available Oct. 15, 1986



ESP Available

Radio Shack ET-393. Get cordless phone freedom and convenience at an incredible low price! All controls are in the portable handset, so you can call, answer, hang up and redial from any room, even outdoors. Features touch-redial of last number called and handy talk/standby switch. Switchable Touch-Tone/pulse dialing system lets you access low-rate long-distance, bank-by-phone and other computerized services from any telephone line. Security code helps prevent nearby cordless phones from using your line. Handset has built-in rechargeable nickel-cadmium batteries, built-in antenna and low-battery LED. Base has automatic recharger with LED charging indicator. Handset, 1³/₄ x 2³/₈ x 8". Base, 2⁵/₈ x 3³/₈ x 9¹/₂". UL listed AC. 43-544 79.95

Maximum Legal Output Power

NEW FOR 87

99⁹⁵

Low As \$20 Per Month*

ESP Available



Available Sept. 30, 1986

Touch-Tone/Pulse Dialing Cordless Phone With Selectable Security Code

- Security Code Prevents Others From Using Your Phone Line
- Touch-Tone/Pulse Dialing System for Use on Any Phone Line
- 46/49 MHz Operation Improves Sound and Cuts Interference
- Convenient—Ideal for Either Desktop Use or Wall Mounting
- Mute Button Eliminates Need to Cover Mouthpiece for Privacy

Radio Shack ET-395. Make or take calls from any room or even outdoors, without trailing, twisting cords to get in your way. All controls are in the handset. You get convenient one-button touch-redial of last number called if busy or no answer, and an "LDT" button for remotely activating tone when in pulse mode. And it's ready to use—quick and easy connection with modular phone plug and AC cord. Handset has built-in rechargeable nickel-cadmium batteries, built-in antenna, low-battery, charge and talk LED indicators. Base has automatic recharger. Handset, 1³/₄ x 2¹/₂ x 8¹/₂". Base, 3¹/₄ x 9 x 3". UL listed AC. 43-547 99.95

Cordless Telephone/Clock Radio Combination

NEW LOW PRICE!

139⁹⁵

Was \$149.95 in 1986 Catalog

Low As \$20 Per Month*

- Space-Saving Duo Perfect for Desk Or Bedside Table

ESP Available

- Touch-Tone/Pulse Dial ■ 46/49 MHz Operation
- Battery Backup/Sentinel® ■ Snooze Button

Chronofone® ET-381. Cordless phone convenience and an AM/FM clock radio at one low price! All phone controls are built into the handset. You get a talk/standby switch, touch-redial, switchable security code, and low-battery LED. Built-in nickel-cadmium batteries automatically recharge when handset is in cradle atop radio. Clock wakes you to music or alarm and features 0.6" LED display with dimmer, top-mounted controls, p.m. and wake LEDs. Earphone jack. Simulated woodgrain. Handset, 1¹/₂ x 2¹/₄ x 8". Base, 3¹/₄ x 10¹/₂ x 7⁷/₈". UL listed AC. Clock backup requires 9V battery. 43-546 139.95

Flexible Antenna 4⁹⁵

Replaces broken antennas. Better than long, clumsy pull-up types. 43-189 4.95



Handset Carry Case 4⁹⁵

With Belt Loop Offers protection and portability for most cordless phones. 43-190 4.95



MORE CORDLESS TELEPHONE VALUES

• Revolving Credit Available
See Page 3

Auto-Dialing Cordless With 16-Number Programmable Memory

- Memory Stores Up to 16 Phone Numbers for Fast and Accurate Auto-Dialing of Your Often-Called or Emergency Numbers
- Switchable Touch-Tone/Pulse Dialing to Access Low-Rate Tone-Required Services From Any Line—Tone or Rotary-Dial
- Rests on Desktop or Mounts Conveniently on Wall

Maximum Legal Output Power

139⁹⁵

Low As \$20 Per Month*

ESP Available



Radio Shack ET-400. Make and take calls from almost anywhere around your home without tangling, trailing cords, and enjoy automatic dialing of 16 of your most important numbers. Features programmable security code with 10,000 possible combinations to prevent nearby cordless phones from using your line. You also get 46/49 MHz operation for clearer sound, and a "Flash" button for convenient use of special phone company services like Call-Waiting. Handset has touch-redial of last number called, privacy button so you don't have to cover the mouthpiece, "LDT" button for remotely activating tone when in pulse mode. LED low-battery indicator and built-in rechargeable nickel-cadmium batteries. Automatic recharger in base. Handset, 1³/₄ x 3¹/₈ x 9¹/₈". Base, 2³/₈ x 3¹/₈ x 9¹/₈". UL listed AC. 43-550 139.95

Small Enough To Fit in Your Pocket



Pocket-Size Touch-Tone/Pulse Dial Cordless Telephone With Folding Mini Handset

NEW LOW PRICE!

139⁹⁵

Was \$159.95 in 1986 Catalog

Low As \$20 Per Month*

- Selectable Security Code Prevents Other Cordless Phones From Using Your Line
- 46/49 MHz Frequencies for Clearer Sound
- Maximum Legal Output Power
- Adjustable Receiver Volume



ESP Available

Radio Shack ET-415. Our smallest cordless features touch-redial of last number called, Touch-Tone/pulse dialing for use on any line and a "cancel" button for placing a series of calls without returning handset to base. Also doubles as a pager—just press page button on the base unit to signal handset. Volume control, built-in rechargeable nickel-cadmium batteries. Automatic charger in base. Includes handset carry pouch. Handset, 1¹/₄ x 2¹/₂ x 5³/₈". Base, 2⁵/₈ x 5³/₈ x 8¹/₄". UL listed AC. 43-555 139.95

Our Best! 32-Number Auto-Dialer and Programmable Touch-Tone/Pulse Dialing

- Programmable Security Code With 10,000 Combinations
- Clear 46/49 MHz Operation
- Maximum Legal Output Power

NEW LOW PRICE!

159⁹⁵

Was \$179.95 in 1986 Catalog

Low As \$20 Per Month*

Radio Shack ET-410. Place or receive calls from any room or even outside—without the bother of a cord. Memory stores up to 32 often-called and emergency numbers for fast, accurate automatic dialing. Security code prevents others from using your line. Programmable Touch-Tone or pulse dialing allows rotary-line users access to tone-required services. You can connect a corded phone to the base and use it as a 2-way intercom to talk with handset user. Handset features one-button touch-redial of last number dialed, "Flash" button for use with special phone company services like Call-Waiting, privacy button and an "LDT" button for remotely activating tone when in pulse mode. Also has volume, power and ringer-loudness controls, audible range-limit tone and built-in rechargeable nickel-cadmium batteries. Automatic recharger in base. Handset, 1³/₄ x 2⁹/₁₆ x 9". Base, 2¹/₂ x 5¹⁵/₁₆ x 8⁷/₈". UL listed AC. 43-551 159.95



ESP Available

See Page 143 for Important Information on Touch-Tone/Pulse Dialing

World Radio History

THERE'S NO NEED TO MISS IMPORTANT CALLS

Remote Control Answerer/Telephone Combo



Check Your Messages
From Any Phone



199⁹⁵

Low As \$20
Per Month*

ESP Available

- Compact Dual-Microcassette Design—Fits Anywhere
- Voice-Operated Recording ■ Switchable Touch-Tone/Pulse

DUOFONE TAD-250. All-in-one system! Has dual microcassettes for easy message changing and storage, all-electronic soft-touch controls including erase-during-rewind and fast-forward. Variable message lengths, plus tape and time-saving voice-activation. Remote control for reviewing your messages from any phone. Selectable ring delay with "toll saver" cuts local and long-distance expenses by answering immediately if you have new messages, but waits about four rings if you don't. Two-way recording tapes both sides of telephone conversations. Call-monitor lets you hear who's on the line before answering. Switchable Touch-Tone/pulse phone accesses tone-requiring services from either tone or rotary-dial lines. Touch-redial, hi/lo/off ringer control. 2 1/2 x 9 x 6 3/4". Remote includes 2 RS 357A batteries. UL listed AC. 43-315 199.95

Announce-Only System With Phone



NEW FOR 87

49⁹⁵

ESP Available

Records Your Announcement Without Tape

DUOFONE TAD-105. 100% solid-state—records your announcement (up to 10 seconds) on a memory chip. Answers after 3-4 rings. Message-Test button for confirming outgoing message. Switchable Touch-Tone/pulse dialing phone accesses tone-requiring services. Backup battery-test indicator. Last-number redial, hi/lo/off ringer control. UL listed AC. Backup requires 9V battery. 43-386 49.95

Voice-Synthesized Microcassette System



59⁹⁵ ESP Available

Uses a Single Microcassette

DUOFONE TAD-240. A compact answerer that gets the job done. Voice synthesizer delivers outgoing announcement (below) in either a man's or woman's voice! Records sixty 30-second incoming messages on a single microcassette. Pushbutton operation, ready/call-received LEDs. Volume control. 17/8 x 7 1/8 x 4 1/4". UL listed AC. 43-388 59.95

*Hello, no one is available to answer your call right now. Please leave your name and phone number at the tone; we will get back to you **

Voice-Synthesized Answerer With Phone

89⁹⁵

ESP Available

Switchable Touch-Tone Or Pulse Dialing



DUOFONE TAD-242. Space-saving combo looks great on any desk. Voice synthesizer delivers outgoing announcement (below) in man's or woman's voice. Records sixty 30-second incoming messages. Ready/call-received LEDs. Volume control. Phone has hi/lo/off ringer switch. 2 x 6 x 9 1/4". UL listed AC. 43-389 89.95

Customized Announcement Tapes

Office/Home Edition. Ten prerecorded messages make your announcements in a professional or humorous manner. 43-415 5.95

Comedy Edition Volume I. Hilarious impersonators of Groucho Marx, W.C. Fields and eight others! 43-416 5.95

Music Edition. Assorted "jingles" with and without voice messages so you can record your own messages to music. 43-417 5.95

Comedy Edition Volume II. Funny messages with impersonations of Rodney Dangerfield, Howard Cosell, plus eight more hilarious messages! 43-418 5.95

Four Editions

5⁹⁵ Each



Announcement and Message Tapes

Use With Our DUOFONE Answerers and Most Other Brands

Size	Type	Recording Time	Cat. No.	Each
Cassette	Announcement	10 Seconds	43-405	4.95
Cassette	Announcement	15 Seconds	43-403	4.95
Cassette	Announcement	20 Seconds	43-401	4.95
Cassette	Announcement	30 Seconds	43-402	4.95
Cassette	Announcement	45 Seconds	43-404	4.95
Cassette	Announcement	60 Seconds	43-406	4.95
Cassette	Announcement	3 Minutes	43-407	4.95
Micro	Announcement	15 Minutes	43-409	3.49
Cassette	Message	60 Minutes	43-410	2.99
Cassette	Message	90 Minutes	43-411	2.49
Micro	Message	60 Minutes	44-640	3.49

DUÖFONE® ANSWERERS GET THE MESSAGE

•Revolving Credit Available
See Page 3

Remote-Access Phone Answerer

NEW FOR 87

199⁹⁵

Low As \$20 Per Month*

ESP Available



Available Dec. 15, 1986

- Touch-Tone Remote Access Lets You Control All Major Functions From Any Tone Phone
- Voice-Synthesizer Tells Number/Date/Time of Each Message

DUÖFONE TAD-320. No "beeper" needed. Turn the unit on, review messages, fast-forward, even change announcement or record a memo to yourself from any Touch-Tone phone, or from a rotary-dial phone with a tone-dialer. Automatic message numbering tells you date, time, and number at the end of each message. Programmable security code prevents unauthorized access. Has "toll-saver" remote function, 2-way recording, call-monitor, rewind-erase, fast-forward, room monitor, battery backup. 2³/₄ x 9¹/₈ x 7³/₄". UL listed AC. Backup requires 9V battery. 43-392 . . . 199.95

Remote Access and Auto-Paging

NEW FOR 87

199⁹⁵

Low As \$20 Per Month*

ESP Available

Available Nov. 30, 1986



- Touch-Tone Remote Access
- Auto-Paging Keeps You in Touch Wherever You Go
- Dual Microcassettes ■ Programmable Security Code

DUÖFONE TAD-260. Auto-paging calls any phone or personal pager number to alert you of an incoming message. Then, use any Touch-Tone phone, or rotary-dial phone with a tone-dialer, to hear your message. You can control all major functions by phone—no remote unit to lose or forget. You can even "call-in" and turn the unit on. VOX and CPC circuits save tape space. Has "toll-saver" remote function, 2-way recording, call-monitor, announce-only mode. 2 x 7³/₄ x 9¹/₂". UL listed AC. 43-387 199.95

Microprocessor-Controlled System With Remote

- All-Electronic Feather-Touch Controls ■ Dual Cassettes
- Multi-Function Remote Lets You Call From Any Phone to Hear Your Incoming Messages or Change Your Announcements

NEW LOW PRICE!

159⁹⁵

Was \$179.95 in 1986 Catalog Low As \$20 Per Month*

ESP Available



DUÖFONE TAD-214. Record and announce-only settings. Voice activation prevents long silent gaps in messages. Records or can be set for announce-only. Audible review for finding messages fast. Rewind-erase, next-message advance and adjustable ring-delay. Call-monitor, 2-way recording, built-in mike, fast-forward, tape counter, LED indicators. Answerer, 21¹/₁₆ x 10¹/₁₆ x 9¹/₁₆". Remote, 1¹/₂ x 2⁵/₁₆ x 4³/₈". includes LR44 batteries. UL listed AC. 43-316 159.95

Standard Telephone Answerers



79⁹⁵

119⁹⁵

Low As \$20 Per Month*

ESP Available

- Dual Cassettes Make it Easy to Change and Store Tapes
- Switchable Message Length ■ Announce-Only Setting

DUÖFONE TAD-210. Records up to 120 incoming messages. Easy-to-use single-knob function control. Fast-forward lets you find specific messages quickly. Call-monitor lets you know who's on the line before you answer. Ringer adjust, single-knob control, erase during rewind, built-in mike, record/ready/call-received LEDs. 27¹/₈ x 8³/₈ x 8⁵/₈". UL listed AC. 43-309 . . . 79.95

DUÖFONE TAD-212. As above, with convenient remote control plus voice-activation to save tape space. Records only as long as caller speaks. 3 x 8¹/₄ x 8⁹/₁₆". Remote requires 9V battery. UL listed AC. 43-313 119.95

Microprocessor-Controlled

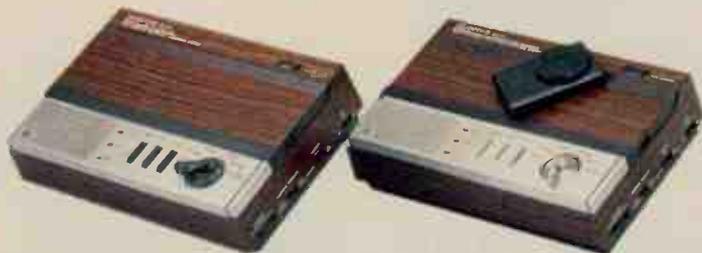
99⁹⁵

NEW FOR 87

139⁹⁵

Low As \$20 Per Month*

ESP Available



- Dual-Cassette Convenience ■ Remote Turn-On Function
- VOX and CPC Circuits ■ Record/Ready/Call-Received LEDs

DUÖFONE TAD-311. Microprocessor handles functions quickly and smoothly. Dual cassettes for easy tape changing and storage. Remote function lets you "call-in" and turn the unit on. VOX and CPC circuits stop the recorder if the calling party hangs up before the end of your announcement or doesn't leave a message. Single-knob function control, call-monitor, tape counter, fast-forward, rewind-erase, volume control, message-check, and announce-only mode. 3 x 9¹/₂ x 6¹/₅". UL listed AC. 43-390 99.95

DUÖFONE TAD-312. All the features above plus remote control convenience. Remote includes RS357A batteries. 43-391 139.95

All DUÖFONE® Answerers are FCC Registered. Not for Coin or Party-Line Use

EASY-TO-USE AMPLIFIERS & ACCESSORIES

Electronic Telephone Amplifier System



NEW FOR 87

39⁹⁵

- High-Speed Automatic Talk/Listen Switching
- Privacy Button for "Aside" Comments

DUOFONE 102. Built-in microphone and speaker let several people join in two-way conference calls. Frees both hands while you're on the phone. Volume control. Phone line powered. Jack for optional AC adapter (#273-1455) for low-current phone lines. 43-292 39.95

Lightweight Hands-Free Headset

49⁹⁵

Ideal for Receptionists
Or Busy Executives

DUOFONE®-109. Headset with adjustable mike boom frees your hands during phone conversations. Amp module has volume control and attaches to most phones with modular handset. Quick-disconnect lets you leave the phone without removing the headset. Removable eartip for your choice of fit. Phone line powered. 43-170 49.95

Not compatible with some electronic phones, and phones with dial in handset



Budget-Priced Speaker/Amplifier



NEW LOW PRICE!

24⁹⁵

Was \$29.95 in 1986 Catalog

Enjoy Group Conversations
At Work or At Home

Plug into modular jack to enjoy hands-free conversations. Phone line powered—requires no batteries. Volume control, privacy/sensitivity pushbuttons. 5-ft. cord and modular plug.

43-278 24.95

Snap-On Handset Amplifier



NEW FOR 87

10⁹⁵

Easy To Use



Boosts caller's voice up to five times normal volume. Handy for noisy areas or the hearing impaired. For use with hearing aid compatible phones. Volume control. Requires "N" battery. 43-229 . . . 10.95

Portable Telephone Listener



8⁹⁵

NEW LOW PRICE!

Was \$9.95 in 1986 Catalog

Amplifies calls so others can listen. Works on most phones, no wiring required. Adjustable volume. Requires 9V battery (or AC adapter #273-1431). 43-231 8.95

Compact Handset Amplifier



19⁹⁵

Plugs Into Modular Jack

Attaches to most phones and boosts caller's voice. Ideal for noisy workplaces. Volume, tone controls. Requires 9V battery. 43-237 . . . 19.95

Not for use on phones with dial in handset. May be incompatible with electronic phones

Handy Helpers! Indoor & Outdoor Bell Ringers, Fone-Flashers



14⁹⁵

Indoor Replacement Extension Ringer

Cancels phone's electronic ringer, or works by itself. Loudness control, modular plug. 43-175 14.95

152



39⁹⁵

Outdoor Extension Ringer

Perfect for porch, patio or garage. Weather-resistant molded housing. Modular plug.

43-176 39.95



(1)

NEW LOW PRICE!

14⁹⁵

Was \$17.95 in 1986 Catalog



(2)

NEW FOR 87

29⁹⁵

"See" Your Phone Ring

(1) **Fone Flasher®.** Easy to install—plug into AC outlet and modular jack, then plug desired lamp into flasher and "watch" it ring. Great for hearing-impaired. For incandescent bulbs to 300W. UL listed AC. 43-177 . . . 14.95

(2) **Fone Flasher 2.** As above but with built-in strobe light and electronic ringer. Ringer/flasher/combination modes. 43-178 29.95

Telephone Amplifiers May Not Operate On Some Multi-Line Systems.

"ADD-ONS" FROM YOUR PHONE SOURCE

Revolving Credit
Available
See Page 3



Pocket Memory Dialer

Stores 60
Numbers of
Up to 16 Digits

39⁹⁵



- Auto-Dials for You Electronically
- Chain Dialing

Hold it to the mouthpiece of virtually any phone, and it dials for you. Two-button dialing makes calling easy. Use "chain dialing" with long distance services—it will dial your account number then the number. LCD display shows the number being dialed and lets you review your phone list. Security lock prevents unauthorized use. Last number redial. Low battery indicator. Requires 3 "AAA" batteries. 43-143 39.95

High-Capacity Desktop Auto-Dialer



39⁹⁵

DU8FONE 120. Use it at the office to call business associates quickly, or at home for auto-dialing convenience. Quick-reference index on top for 20 numbers, and the other 80 numbers are listed on an easy-access tray. Switchable for pulse and tone dialing. Users on rotary-dial lines can access low-rate long distance and other services requiring tone dialing. Pause key works with systems requiring access code such as office phone systems. Priority button for alternate long-distance services. Last-number redial. LED battery test and dialing indicators. Phone line powered. Memory backup requires 2 "AA" batteries. 1 1/2 x 5 3/8 x 4 1/4". 43-299 39.95



Store Up to
100 Numbers

Budget Pocket Tone-Dialer



Saves You Money

NEW LOW
PRICE!

17⁹⁵

Was \$19.95
in 1986
Catalog

Utilize long-distance and other services requiring "tone" signals from most phones. Ideal for tone-activated remote answerers and auto-patches. With 4 357A button batteries. 43-138 17.95

Automatic Directories



(1) Portable. Forward or reverse power-operated drive accesses up to 300 names and numbers. Requires 2 "AA" batteries. 43-112 6.95

(2) Desktop. As above, except has instant, push-key operation. Requires 2 "C" batteries. 43-105 24.95



2-Station, Battery-Power Intercom

14⁹⁵
Pair

Ideal for home or shop. Remote can signal master even when turned off. Master has volume control. 1 3/4 x 3 1/16 x 4 1/8". With cable. Requires 9V battery. 43-221 .. Pair 14.95



Recording Controls

19⁹⁵ **24⁹⁵**



Single Phone. Allows you to record your phone conversations. Plugs into remote mike jack of most portable cassette recorders. Starts and stops tape automatically. 43-228 19.95

Multi-Phone. As above, but also works with all extensions. 43-236 24.95

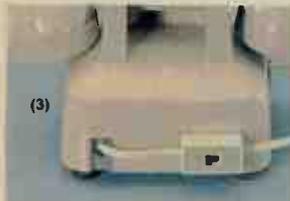
4-Station, Battery-Power Intercom



Set of
Four **24⁹⁵**

"Whole house" system at a budget-minded price. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Master, 1 3/4 x 4 1/8 x 4 7/8". Remotes, 1 3/4 x 3 x 4 1/8". With three 66-ft. cables. Requires 9V battery or AC adapter (#273-1651). 43-216 Set of 4/24.95

Phone Accessories



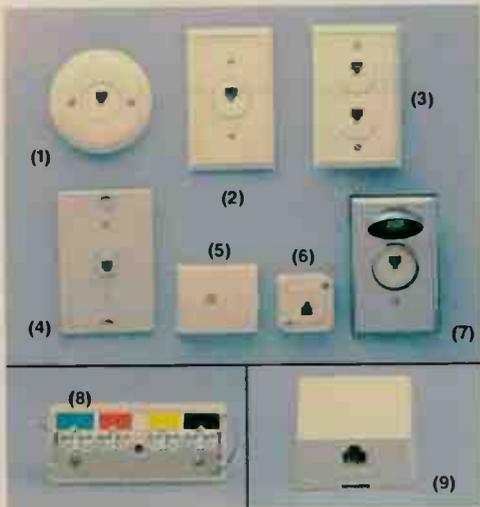
(3) Ringer Silencer. Prevents ringing for privacy, allows normal phone use. On/off switch. 7-foot modular cord. 43-127 7.95



(4) Pen and Holder. Instantly sticks on phone. 43-110 89¢

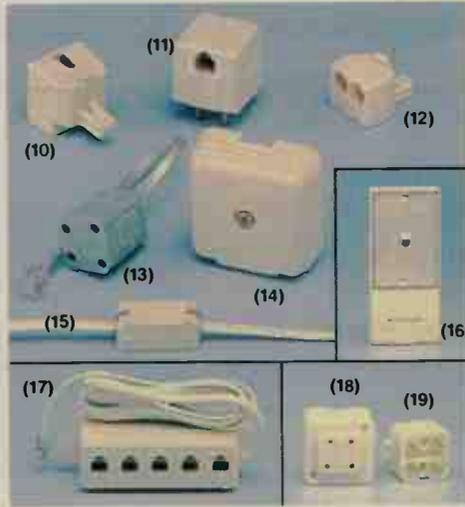
Auto-Dialers May Not Operate On Some Multi-Line Systems.

DO-IT-YOURSELFERS' JACKS, PLUGS & CORDS



Modular Wall Plates, Jacks

- (1) Round. 279-392 4.95
- (2) Rectangular. 279-352 3.95
- (3) Dual Modular Wallplate. For up to 4 separate lines or 2 phones having the same number. 279-350 5.95
- (4) Wall Phone Plate. Standard plate for use with modular wall telephones. 279-387 5.95
- (5) Surface Mount Wall Phone Plate. As above, but mounts on wall without electrical box. 279-382 5.95
- (6) Quick-Connect Jack. Converts wall block for use with modular plug. Spade terminals. 279-355 2.19
- (7) Modular Jack. As above, with snap-on clips. 279-386 2.99
- (8) Modular Jack/Wiring Block. Modular jack with standard wiring block. 279-349 3.95
- (9) Surface-Mount Modular Jack. 279-353 3.95
- (10) Outdoor Wall Plate. Modular jack with flip-up cover, hardware, instructions. 279-340 8.95
- (11) Entrance Bridge. Provides distribution or connecting point with screw terminals for phone company network interface. Color-coded terminals for easy hookup. Attaches to wall. 279-394 5.95
- (12) NEW! 6-Wire Surface Mount Jack. For use as RJ25C 3-line jack and with many electronic PABX phone systems. 279-420 4.49



Plugs, Jacks and Adapters

- (10) Quick-Plug. Converts older phones for use with modular jacks. Accepts spade lugs or bare leads. 279-375 2.49
- (11) Cord Adapter. Converts modular phone plug to 4-prong plug. Allows you to connect a modular-plug phone to a 4-prong jack. 279-351 3.19
- (12) Duplex Jack. Couples two modular phone devices into one jack. 279-357 4.95
- (13) Plug Adapter. Converts 4-prong plug to modular plug for use with newer installations. 279-393 3.95
- (14) 42A Connector Block. Terminal block with screw terminals for spade lugs or bare wire. 279-389 2.19
- (15) Inline Coupler. Interconnects two modular line cords. 279-358 2.49
- (16) Modular Duplex Wall Phone Adapter. Lets you install a wall phone, plus a phone accessory, using the existing wall jack. With hardware, instructions. 279-359 9.95
- (17) 5-Outlet Modular Adapter. Lets you connect up to five phone devices into one modular jack. 279-410 9.95
- (18) 4-Prong Jack. Accepts standard 4-prong plug. With mounting hardware. 279-367 1.19
- (19) 4-Prong Plug. Fits standard 4-prong jack above. 279-366 99c



Modular Line Cords

- (20) 18-Ft. Coiled Modular-to-Modular. Satin, 279-395. White. 279-396. Brown, 279-397 5.95
- (21) 12-Ft. Modular-to-Modular. 279-374 4.95
- 25-Ft. Modular-to-Modular. 279-356 5.95
- 5 1/4" Modular-to-Modular. 279-390 99c
- (22) 25-Ft. Extension/Converter. 279-364 5.95
- 12" Modular-to-Spade. 279-391 1.29
- 12-Ft. Modular-to-Spade. 279-310 4.95

Jack Extensions

- (23) Modular plug at one end, dual jacks at other (RJ11/RJ14). 12-Ft. 279-373 5.95
- 25-Ft. 279-363 6.95
- (24) 30-Ft. Extension Cord. Four-prong jack on one end, and 4-prong plug on the other. 279-1261 3.99

Modular Handset Cords

25 Feet

Color	Cat. No.	Each
White	279-301	5.95
Almond	279-302	5.95
Beige	279-303	5.95
Brown	279-304	5.95

12 Feet

Color	Cat. No.	Each
White	279-306	4.95
Almond	279-307	4.95
Beige	279-308	4.95
Brown	279-309	4.95

Low As
4⁹⁵

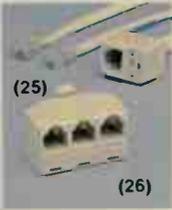
Dual Modular Jack



6⁹⁵ **NEW FOR 87**

Gives you the convenience of phone connections near AC wall outlet. Features two modular phone jacks in a molded plate that replaces AC outlet faceplate. Ideal with answering machines, computers, modems, and feature phones. 279-415 6.95

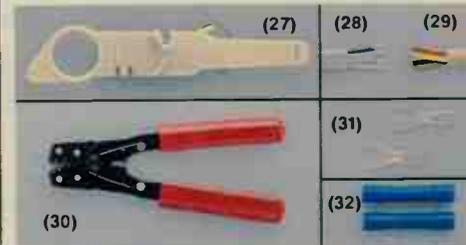
2-Line Coupler & 3-Way Jack



(25) 2-Line Coupler. Combines two individual lines with RJ11 jacks into a two-line RJ14 jack. 279-401 6.95

(26) 2-Line, 3-Way Jack. Adds two single-line RJ11 connections to a 2-line RJ14 jack without losing 2-line device connection. 279-402 6.95

Tools and Cables



- (27) Wire Stripping Tool. 279-400 1.99
- (28) 50-Ft. 24-Gauge Solid Cable. 278-372 5.49
- 100-Ft. 24GA Solid Cable. 278-373 10.95
- 24-Gauge Solid. 278-1320 Per Ft. 10c
- (29) 50-Ft. Modular Phone Cable. 4-conductor. 278-365 5.49
- 100-Ft. Modular Phone Cable. 278-366 10.98
- (30) Phone Connector Crimp Tool. 64-410 5.99
- (31) Wire Spade Lugs. Insulation piercing. 64-3070 99c
- (32) Wire Butt Connector. Insulated. 64-3073 99c



8-Terminal Wall Box

2⁵⁹ Mounts on Wall Studs or Wallboard

Accepts plates shown above and most other wall plates for TV and security systems. Permits easy connection to wiring. With hardware. 279-341 2.59

Modular Crimping Tool



7⁹⁵

2²⁹

Pkg. of 10

Crimping Tool. The quick, easy way to install modular line plugs on 4-conductor modular cable. 279-388 7.95

Modular Line-Cord Connectors. Use with crimping tool above. 279-384 Pkg. 10/2.29

TESTERS AND MULTI-LINE CONTROLLERS

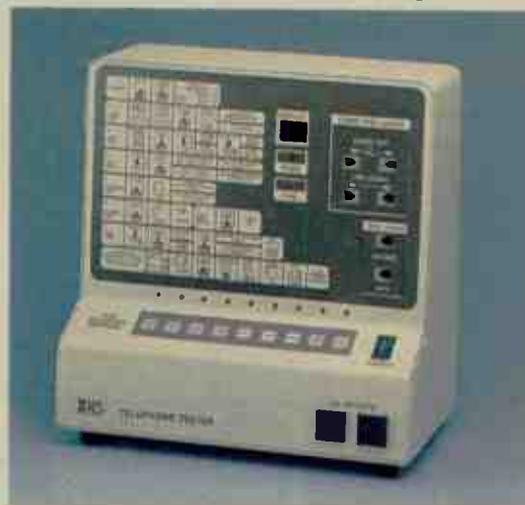
*Revolving Credit Available
See Page 3

The First Low-Cost Telephone Tester

- Ideal for Business Telemarketing Departments Or Office Equipment Sales and Service
- Microprocessor-Controlled for Accuracy
- Tests Both Touch-Tone and Pulse-Dialing Phones, Cordless Phones and Answering Machines
- Easy-to-Follow, Picture-Coded Instructions for Quick and Accurate Step-by-Step Testing

299⁹⁵

Low As \$20
Per Month*



A must for businesses that depend on their phones. Makes it easy to analyze faulty phones and avoid needless outside repairs. This amazing instrument is designed to check for common problems that occur in most phones and answering devices. Works on all single-line pulse, rotary and Touch-Tone phones, corded or cordless. It can also be used to test 2-line phones by adding optional adapter (279-401). Includes tests for defective plugs, cords, handsets and loud/soft ringing, plus long/short loop testing. 14 x 13 x 8". UL listed AC. 43-114 299.95



Handy Line Tester

349

Locates Phone-Line Problems Quickly

Convenient line tester saves you money—no more unnecessary telephone company service calls. Simply plug tester into modular phone jack and it immediately indicates whether your line is operational. Has two LED indicators. Completely safe to use. Phone-line powered. 43-101 3.49

Telephone Line Spike Protector

12⁹⁵

Acts as a safety valve by discharging potentially damaging voltage spikes. For all single-line phone equipment using RJ11C modular jacks. 43-102 12.95



Convenient Multi-Line Controllers for Your Telephone System

Budget 2-Line Controller With Ringer



29⁹⁵

NEW LOW PRICE!

Was \$34.95 in 1986 Catalog

- Dual Internal Ringers
- Phone Line Powered

Ideal for homes with both adults and kids' lines. Adapts any single-line phone for use on two separate lines. Ringing and hold LED indicators. 2 1/2 x 3 7/8 x 3". 43-380 29.95

Answering System 2-Line Adapter

Automatically Selects Ringing Phone Line

NEW FOR 87

19⁹⁵

Adapter lets you use one single-line Telephone Answering Device on two separate phone lines. Phone line powered. 43-383 19.95



Deluxe 2-Line Controller/Adapter



44⁹⁵

NEW LOW PRICE!

Was \$49.95 in 1986 Catalog

LEDs Show Which Line In Use, Ringing, On-Hold

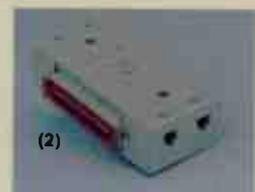
Perfect for homes and businesses with two phone lines. Line-status LED indicators, dual-tone ringers with hi/lo/off switch. Hold button, external ringer switch. 2 1/2 x 4 3/4 x 3 3/4". UL listed AC. 43-382 44.95

Multi-Line Phone Accessories



(1)

Quick and Easy Installation



(2)

- (1) Modular Multi-Line Controller. Connects single-line equipment to standard 1A2 multi-line telephone system. 5 x 2 1/2 x 2 3/4". 43-233 ... 39.95
 (2) Four-Line Telephone Tap. Inexpensive way to add a phone answerer, auto-dialer or other single-line device to your standard 1A2-type multi-line phone system. 1 1/4 x 2 3/8 x 4". 43-270 19.95
 Line-1 Tap. Jack for line-1 only. 43-271 14.95

Multi-Line Products May Not Work With Electronic Phone Systems. All Applicable Equipment is FCC Registered

PLUG 'N TALK® FM WIRELESS INTERCOMS

Portable FM Cordless Room Monitor



NEW FOR 87

39⁹⁵ Set

Just Plug Into AC Outlets—
No Wiring to Install

Available Oct. 15, 1986



Lets you monitor an area such as a child's room, as you move freely around the house! Battery powered receiver clips to your belt or pocket, or save battery power and use the UL listed AC adapter included. Switchable 2-channel operation helps eliminate noise and interference. Transmitter: 2 x 5 1/4 x 4 3/8". Receiver (5 x 2 1/2 x 1 2/16") requires 9V battery for portable operation. 43-202 **39.95**
Flexible Antenna for Handset. 43-189 **4.95**

2-Station With Lighted Talk-Bar



69⁹⁵ Pair

- FM Operation Cuts Electrical Noise
- Saves Time and Steps
- Lighted Talk-Bar Doubles As a Convenient Nightlight
- Squelch Control

Put an end to shouting and running between rooms. It couldn't be easier to use—just press Talk-bar to speak, or Lock-bar for hands-free talking or continuous monitoring from the other station. Each station has rotary volume control and Call-tone button. Squelch silences speakers between calls. Expandable—add a 2nd pair anytime. 1 3/4 x 6 3/4 x 4 3/4". UL listed AC. 43-212 **Pair 69.95**

FM Wireless Monitoring System



NEW LOW PRICE!

24⁹⁵ Set

Was \$29.95 in 1986 Catalog



Keep an "Ear" on Child's Room While You Work at Home

Low-cost monitoring system is ideal for "babysitting" from another room or as a one-way intercom. Transmitter has on/off switch. Receiver has on/off volume control. No wiring necessary—just plug in. 1 7/8 x 3 x 3 7/8". UL listed AC. 43-208 **Set 24.95**

Budget-Priced 2-Station System



39⁹⁵ Pair

- Compact Size
- For Desktop Or Wall

Call-tone on each station alerts the other. Talk-bar with lock position for hands-free talking or continuous monitoring. Volume control and power-on LED indicator. Expandable—add another pair anytime. Just plug in, and talk. Hanger slots for wall mounting. 1 7/8 x 5 7/8 x 4". UL listed AC. 43-207 **Pair 39.95**

Our Best! 3-Station, 3-Channel FM Wireless Intercom and Monitoring System

Low As \$20 Per Month*

99⁹⁵ Set of 3



- Squelch Helps Keep Stations Silent Until Calls Come Through
- FM Operation Reduces Electrical Noise And Interference for Maximum Clarity

Enjoy talking, not shouting, between any three areas. And there's no wiring necessary—simply plug each station into an AC outlet at the desired location. Each station features selectable 3-channel operation so you can talk with one station without disturbing the third. Call-tone button for signaling one or all stations. Lockable Talk-bar for hands-free conversations or continuous monitoring. Each station has volume control, channel selector and power-on LED indicator. Built-in modulation limiting circuitry prevents overloading or distortion from loud voice signals. For desktop or wall. 1 5/8 x 5 13/16 x 4 1/8". UL listed AC. 43-218 **Set of 3/99.95**

Wireless Intercoms Work Up to 300 Feet Apart and Usually Between Neighboring Houses and Apartments

BARGAINS IN PRINTING CALCULATORS

•Revolving Credit Available
See Page 3

12-Digit With 2-Color Printing



NEW FOR 87

79⁹⁵

- Fluorescent Display
- Control for Print, Item-Count Print And Non-Print

Radio Shack EC-3015. Shows subtractions in red so you can easily spot them on the permanent printout. Features last-digit correction, 4-key memory, decimal point selector and round-off. Has percent, total, subtotal, double "0", sigma on/off and paper feed keys. Automatically prints commas after every third digit. $2 \times 7\frac{3}{4} \times 9\frac{1}{16}$ ". Includes sample paper roll. UL listed AC. 65-970

79.95

10-Digit Fluorescent/Printing



59⁹⁵

- Bright Fluorescent Display
- Provides a Printed Record of Your Calculations

Radio Shack EC-3011. Replaceable ink roller gives you a clear, permanent printout. Features full 4-key memory, round-off and non-print controls. Decimal selector switch allows you to choose one of four functions, including a floating decimal. Percent, gross profit margin and standard math functions. Oversize "+" key and paper feed key. $1\frac{3}{4} \times 6\frac{3}{4} \times 9\frac{1}{2}$ ". With sample paper roll. UL listed AC. 65-669

59.95

10-Digit Folding LCD/Printing



59⁹⁵

Mini-Size—Folds Up To Form Its Own Protective Carry Case

Radio Shack EC-3020. Unfolds for quick figuring, plus a printout. Has 4-key memory, decimal point placement and non-print controls. Percent, standard math functions. $1\frac{1}{8} \times 5\frac{7}{8} \times 7\frac{3}{4}$ ". With sample paper roll. Requires 4 "AA" batteries. 65-955 59.95
AC Adapter. UL listed. 274-1454 5.95

10-Digit With AC/Battery Operation



49⁹⁵

- Bright, Easy-to-See Fluorescent Display
- 4-Key Memory

Radio Shack EC-3014. Two-way power for calculations anywhere. Features decimal point placement, round-off or cut-off, and non-print controls. Constant entry, percent and repeat memory keys. $1\frac{1}{16} \times 7\frac{5}{16} \times 9\frac{1}{8}$ ". UL listed AC adapter included (or use 4 "AA" batteries, extra). 65-952

49.95

10-Digit Hand-Held LCD/Printing

NEW FOR 87

34⁹⁵

Fold-Out Holder for Big $2\frac{1}{4}$ " Roll Paper

Radio Shack EC-3013. Four-key memory, print/non-print control. $1\frac{5}{8} \times 3\frac{1}{2} \times 7\frac{1}{8}$ ". Sample paper roll. Requires 4 "AA" batteries. 65-953 34.95
AC Adapter. UL listed. 273-1454 5.95

Calculator Paper



Plain—For all Radio Shack Models.

$2\frac{1}{4}$ " Roll With Core. Fits 65-952/965, 669/970. 65-710 3-Pack 1.99
 $1\frac{1}{2}$ " Roll With Core. Fits 65-666, 65-712 3-Pack 1.19
 $1\frac{1}{2}$ " Roll Coreless. Fits 65-951/955, 65-713 3-Pack 99¢
New! $1\frac{1}{2}$ " Extra-Long Roll With Core. Fits 65-953, 65-714 3-Pack 1.99

Thermal—For Early Models

$2\frac{1}{4}$ " With Core. Fits 65-643/644/645/646. 65-706 3-Pack 2.89
 $1\frac{1}{2}$ " With Core. Fits 65-647, 65-708 3-Pack 1.19
 $1\frac{1}{2}$ " Coreless. Fits 65-665, 65-711 5-Pack 1.99

Mini Desktop LCD/Printing Calculator

NEW FOR 87

39⁹⁵

- 10-Digit Display
- 4-Key Memory



Radio Shack EC-2009. Features auto-constant, decimal placement, percent, subtotal, total and paper feed keys. Requires 4 "AA" batteries. 65-965 39.95
AC Adapter. UL listed AC. 273-1454 5.95

All Calculators Are Covered by Our Limited Warranty, Including Both Parts and Labor

SOLAR POWER & BATTERY POWER CALCULATORS

Dual Powered & Adjustable Display

NEW FOR 87

14⁹⁵

- Solar/Battery Operation
- Display Angle Adjusts For Viewing Comfort

(1) Radio Shack EC-417. The ultimate in reliability—when light is too dim, the battery takes over; when light increases, circuit returns to solar power. Four-key memory and square root and percent keys. Auto-constant for repeating operations without re-entering figures. Auto power-off prolongs battery life. Double size "plus" key. 8-digit display. Billfold case included. With RS 386 battery. 4⁵/₈ x 2¹³/₁₆ x 9¹/₃₂". 65-562 14.95

Folding Dual-Powered Calculator

NEW FOR 87

9⁹⁵

- Solar/Battery Operation
- 3-Key Memory

(2) Radio Shack EC-416. Small on size but big on answers—anywhere, under any light conditions. Square root and percent keys. Auto-constant. Double size "plus" key for quick addition. Auto power-off. 8-digit display. With RS 389 battery. 2¹¹/₁₆ x 4¹/₂ x 9¹/₁₆" (closed). 65-561 9.95

Dual-Powered Calculator

NEW FOR 87

7⁹⁵

- Solar/Battery Operation With Automatic Switching

(3) Radio Shack EC-414. Three-key memory. Percent, square root, sign-change, markup keys. Auto-constant to repeat operations. Three-digit commas on display. Continuous memory. Double size "plus" key. 8-digit display canted for easy desktop viewing. With RS 389 battery. 4¹/₂ x 2¹¹/₁₆ x 3³/₄". 65-560 7.95



(1)



(2)



(3)

Horizontal-Style Folding Solar



NEW LOW PRICE!

17⁹⁵

Was \$19.95 in 1986 Catalog

Radio Shack EC-409. Lightweight, extra-large keys and display, 3-key memory, auto-constant, +/− sign change. Square root, percent keys. 8-digit display. 2²⁷/₃₂ x 4¹⁵/₁₆ x 9¹/₁₆" (closed). 65-907 17.95

SOLARTHIN™ Folding Type



NEW FOR 87

16⁹⁵

- Silver-Color Finish
- Only 3.7mm Thick

Radio Shack EC-418. Elegant! Credit-card-thin, metal back, touch-sensitive "film face" keys. Three-key memory. Percent, square root, extra-large "plus" key. 8 digits. Carry case. 2¹/₂ x 3³/₈ x 5¹/₃₂" (closed). 65-911 16.95

Prices Apply at Participating Radio Shack Stores and Dealers

Micro-Thin™ Solar Credit-Card Size



NEW FOR 87

11⁹⁵

Touch-Sensitive "Film Face" Keys

Radio Shack EC-413. Three-key memory, square root and percent keys, auto-constant. Extra large "plus" key. 8-digit display. Vinyl case. 2¹/₈ x 3³/₈ x 1¹/₁₆". 65-910 11.95

Deluxe Full-Size Solar Calculator



NEW LOW PRICE!

8⁹⁵

Was \$14.95 in 1986 Catalog

Radio Shack EC-440. Works under almost any light. Four key memory, square root and percent keys, auto-constant. 8-digit display. Billfold case. 4³/₈ x 2⁹/₁₆ x 1¹/₄". 65-851 8.95

CALCULATORS FOR SPECIAL APPLICATIONS

Revolving Credit
Available
See Page 3



Alarm Clock/Stopwatch Calculator

19⁹⁵

(1) Radio Shack EC-307. Clock displays hours/minutes/seconds with p.m. and alarm-on indicators. Stopwatch has lap and total time. Calculator with 3-key memory and auto-constant and percent keys. 8-digit display. Billfold case. $\frac{1}{4} \times 2\frac{3}{8} \times 3\frac{1}{16}$ ". With RS CR2025 battery. 65-691 19.95

Mity-Thin[®] Checkbook Calculator

NEW
FOR 87

11⁹⁵

(2) Radio Shack EC-308. Features deposit, check, charge, payment and balance keys. Memories for checking and credit card balances. "Key" lock security code. Auto-constant, percent key. Folding case. 8-digit display. $\frac{1}{4} \times 6\frac{1}{16} \times 2\frac{7}{32}$ ". With RS 391 batteries. 65-996 11.95

Famous Pocket STATESMAN-THIN[®]

NEW LOW
PRICE

6⁹⁵

Was \$7.95 in 1986 Catalog

(3) Radio Shack EC-278. Four-key memory, auto-constant, double-size "plus" key. Square root, percent keys. Auto-power off. 8-digit display. Billfold case. $\frac{1}{4} \times 2\frac{5}{8} \times 4\frac{1}{8}$ ". With RS 386A battery. 65-581 6.95



Data Memory Pocket Calculator

NEW
FOR 87

14⁹⁵

A New Era in Calculators

Radio Shack EC-309. A data bank that you can take anywhere! Its memory can store your credit and bank card numbers, important telephone numbers and other information. Stores and recalls up to 20 items of 6 alphabetic characters and 12 numbers per item. Easy to use—select the function and the number of the stored data—the item is then displayed. Contents can be edited. Four-key memory, percent, square root and space keys. Double size "plus" key for easy operation. Billfold case. With RS CR2016H battery. $\frac{1}{4} \times 2\frac{1}{16} \times 4\frac{5}{16}$ ". 65-994 14.95



Combination Ruler/Calculator/Clock

9⁹⁵

Radio Shack EC-325. No desk should be without one! Three-key memory, auto-constant, percent key. 8-digit display with separate time display. Metric conversion chart. With RS 389, RS 392 batteries. $\frac{1}{4} \times 12\frac{1}{4} \times 2$ ". 65-551 9.95

10-Digit Desktop Calculator

29⁹⁵

- Fluorescent Display
- Gross Profit Margin Key
- 4 Special-Function Keys
- Exchange Calculation

Radio Shack EC-2010. A must for every retailer or wholesale buyer. Four-key memory batteries, percent keys and item-count keys. With manual. Requires 2 "D" batteries. $1\frac{5}{8} \times 6\frac{5}{8} \times 5\frac{3}{16}$ ". 65-960 29.95
AC Adapter. UL listed. 273-1454 5.95

10-Digit Solar Mini Desktop

NEW
FOR 87

12⁹⁵

- Space-Saving Design
- Floating Decimal



Radio Shack EC-2008. Never needs batteries! Three-key memory and square root and percent keys. Double size "plus" key. Auto-constant. Automatic 3-digit commas on display. $1\frac{1}{2} \times 4\frac{3}{4} \times 4\frac{3}{4}$ ". 65-964 12.95

All Radio Shack Calculators Are Covered by Our One-Year Limited Warranty

LCD CALCULATORS FOR SCIENTIFIC PROBLEMS



98-Function Solar Scientific

34⁹⁵

- Works in Almost Any Light
- Dual Keyboards

Radio Shack EC-4013. Separate keyboards for binary, octal, and hexadecimal calculations/conversions and logical operations. With 13 special physical constants and 16 metric conversion functions. Has a 10-digit mantissa and 2-digit exponent. 5 x 3 1/8 x 5/16". 65-930 34.95

79-Function Scientific Calculator

29⁹⁵

- 9 Constants
- Overflow or Error Check

Billfold Case



Radio Shack EC-4017. A lot of calculating power! DEG/RAD/GRA switch, random number generator and 18 nesting parentheses. Memory retention and engineering function. Has a 10-digit mantissa and 2-digit exponent. Auto power-off. With RS-CR2025 battery. 5 9/16 x 3 5/16 x 3/8". 65-981 29.95



76-Function Solar Scientific

NEW FOR 87

29⁹⁵

- Never Needs Batteries
- Nine Physical Constants
- Folding Horizontal Style



Radio Shack EC-4018. Silicon solar cell provides the power needed to do base calculations, conversions and logical operations. Memory, random number generator. 18 nesting parentheses. Uses true algebraic logic. Has 10-digit mantissa and 2-digit exponent. 4 3/4 x 3 1/8 x 1 1/2". 65-982 . . . 29.95

51-Function Solar Scientific

26⁹⁵

Billfold Case



- Easy-to-Read Display
- Inverse Key
- Random Number Generator

Radio Shack EC-4015. Calculate wherever there's light! Performs permutations and combinations, standard deviations. 18 nesting parentheses. Overflow or error check, 8-digit mantissa, 2-digit exponent. 5 x 2 3/4 x 5/16". 65-938 26.95

67-Function Solar Scientific

23⁹⁵

9 Levels of Parentheses

Carry Pouch



Radio Shack EC-4014. Quick problem solver! Keys for random number generator, binary, octal, hexadecimal calculations, plus permutations and standard deviations. Has a 10-digit mantissa and 2-digit exponent. 5 5/16 x 3 x 9/16". 65-979 23.95

46-Function Scientific

NEW FOR 87

17⁹⁵

Billfold Case



Radio Shack EC-4021. Forty-step programming. Six levels of parentheses. One independent, 2 constant memories. Has 8-digit mantissa, 2-digit exponent. With RS-357A batteries. 5 1/2 x 2 15/16 x 1 5/16". 65-984 17.95

Super-Value Scientific

NEW LOW PRICE!

12⁹⁵

Was \$14.95 in 1986 Catalog

Billfold Case

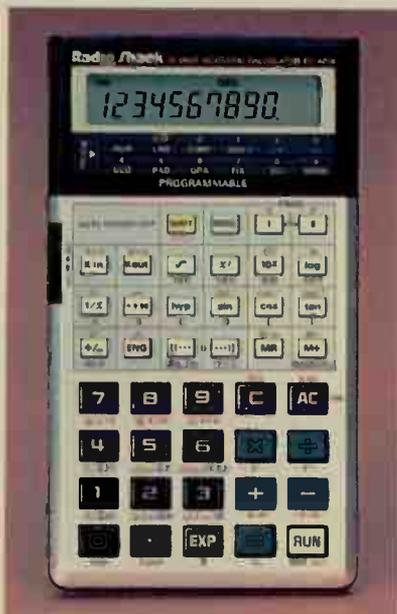


Radio Shack EC-4008. Forty single-function keys, independent memory. Auto-constant, degree/radian/grad switch. Five-digit mantissa. With RS-357A batteries. 4 3/8 x 2 1/2 x 1/4". 65-977 12.95

Solar Power Calculations Are Not Lost by Momentary Interruptions of Light

SPECIALTY AND PROGRAMMABLE CALCULATORS

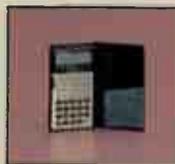
73 Scientific Function Programmable Calculator



NEW FOR 87

29⁹⁵

- 18 Function Keys
- 135-Step Programming
- Base Conversions
- Shift and Mode Keys



Billfold Case

Radio Shack EC-4019. Combines simple 135-step programming with base calculations. Use four independent program areas. Regression analysis and integrals. Up to 18 nesting parentheses at six levels. Full-floating decimals, random number generator. 10-digit mantissa, 2-digit exponent. Auto power-off. Manual and RS-CR2025 battery. 5 1/8" x 2 7/8" x 3/8". 65-986 29.95

Programmable Scientific Calculator With 83 Functions



49⁹⁵

- 550-Step Programming
- True Algebraic Logic
- Replay Function
- Up to 94 Memories



Billfold Case

Radio Shack EC-4020. Our most powerful programmable calculator! Features three operation modes and four calculation modes. Stores up to 10 programs. Alphabetic dot-matrix display, base calculations/conversions, logical operations. Has a 12-digit mantissa and 2-digit exponent. Auto power-off. With RS-CR2032 batteries, 131-page manual. 5 3/16" x 2 3/4" x 3/8". 65-985 49.95

Great Values in LCD Calculators for Special Applications



Solar Metric

Hex/Time

Financial

Was \$17.95 in 1986 Catalog.

Was \$27.95 in 1986 Catalog.

NEW LOW PRICE! **14⁹⁵**

21⁹⁵

NEW LOW PRICE! **24⁹⁵**

All Radio Shack Calculators Are Covered by Our One Year Limited Warranty

World Radio History

Solar Pocket Metric Conversion

Radio Shack EC-316. Never needs batteries! Converts from standard to metric, or reverse. Features 3-key memory, auto-constant, +/− sign change, square root, percent key. Billfold case. 8-digit display. 4 1/16" x 2 15/16" x 1/4". 65-926 14.95

Hexadecimal/Time Conversion

Radio Shack EC-4075. Performs hexadecimal/decimal conversions/calculations, time conversions. Clock has time indications, alarm, four stop-watch functions and countdown timer. Auto-constant, 3-key memory, square root and percent keys. Requires 2 "AA" batteries. 5 3/16" x 2 15/16" x 1/16". 65-990 21.95

Calculator for Financial Work

Radio Shack EC-4051. Operations include compound interest, loan schedules, annual payments, bonus plans and date calculations. Auto power-off, auto-constant, +/− change and percent keys. 10-digit display. With manual, RS-CR2025 battery. 5 1/4" x 2 3/16" x 5/16". 65-995 24.95



Calculator Desk Stand

1⁹⁹ Adjustable Angle

Adapts handheld calculators for desktop use. Non-slip feet keep it in place. Durable molded construction. 65-705 1.99

INTRODUCING THE COLOR COMPUTER 3



We've Put a Rainbow at Your Fingertips—Now With a Total of 64 Colors! Use With a Monitor for Razor-Sharp 640 x 192 Graphics

128K Extended BASIC Color Computer 3. Radio Shack's newest version of the famous Color Computer. The Color Computer 3 can be used in small business and home applications such as graphics, programming, budgets, word processing, database management, spreadsheet analysis and many others. The Color Computer 3 comes with 128K memory (expandable to 512K), and gives you the advantage of greater programming and data processing power, as well as higher resolution graphics. Simply connect the Color Computer 3 to a high-resolution monitor—like the new CM-8 monitor (sold separately, right)—and you can create incredibly detailed charts, graphs, engineering drawings, or just doodles and sketches. When you switch to the higher graphics mode, you can choose 160 x 192 or 320 x 192-resolution with 16 colors or 640 x 192-resolution with 4 colors. The 21 new commands featured in the Color Computer 3's Extended BASIC language allow you to alternate screens, colors and backgrounds at a higher resolution and in a greater variety of colors than any previous Color Computer. You can select up to 16 colors out of a palette of 64. When connected to a TV, the Color Computer 3 will display text in a 32-character by 16-line format. Get a 40-character by 24-line or 80-character by 24-line display with a monitor. Also features multi-character variable names and full-featured editing. Best of all, the new Color Computer 3 is compatible with software and accessories designed for the Color Computer 2 (in the Color Computer 2 mode). Expands easily with disk drives, printer, telephone modem and more. UL listed AC. 26-3334 219.95

SPECIFICATIONS. Microprocessor. 6809E 8-bit. Clock Speed: 0.894 MHz or 1.788 MHz. Keyboard: 57 keys, including Control, Alternate, F1 and F2. Video Display: 16 lines of 32 characters (uppercase only) to 24 lines of 80 characters (upper and lower case). Color graphics capabilities range from 64 x 32 (8 colors) to 640 x 192 (4 colors) with 6 intermediate display formats. High-resolution graphics available through machine language, Extended BASIC or Program Paks. Memory: 128K RAM—internally expand to 512K. Twenty-one commands in enhanced Extended BASIC. Input/Output: 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms). Composite Monitor, and RGB Analog Monitor. Dimensions: 3 x 10³/₁₆ x 14³/₁₆". Power: 120VAC, 60 Hz.

219⁹⁵
Less
Monitor

Low as \$20 Per Month*

- Choose 32 x 16, 40 x 24, or 80 x 24 Text Display
- Select 160 x 192, 320 x 192, or 640 x 192 Graphics
- Connect to a High-Resolution Monitor or Your Own TV

**Our Most Powerful
Color Computer Ever!**

High-Resolution RGB Analog Color Monitor

NEW
FOR 87

299⁹⁵

Low As \$20
Per Month*

CM-8 Color Monitor. Designed for the Color Computer 3. Displays up to 80 x 24 text and 640 x 192 graphics. 13" diagonal screen. Includes cable. UL listed AC. 26-3215 . . 299.95



THE POPULAR COLOR COMPUTER 2®

★Revolving Credit Available
See Page 3

Start Color Computing With the Entire Family

NEW LOW PRICE!

159⁹⁵

Less TV

Was \$199.95
In Cat. RSC-16

Low As \$20 Per Month★

- Uses a Wide Variety of Plug-In Program Paks
- Access 32,000 Characters of Memory With Built-In Extended BASIC Language
- Add a Color Disk Drive and OS-9 Operating System to Access the Full 64K

64K Extended BASIC Color Computer 2. An affordable computer for writing your own sophisticated programs. Ideal for many small business and professional uses, too. You can access 32,000 characters of memory using the built-in Extended BASIC language. Or add a disk drive and optional OS-9 operating system to access the full 64K memory. Simple, one-line commands make detailed color graphics easy to create. Ideal for drawing, designs, charts, engineering diagrams, even animation. Features 256 x 192 screen resolution (49,152 pixels); multi-character variable names (two significant); string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; specific error messages; and PEEK, POKE and USR commands. Attaches to any TV. Easy to expand. UL listed AC. 26-3127 159.95

SPECIFICATIONS. Microprocessor: 6809E, 8-bit Clock Speed: 0.894 MegaHertz Keyboard: 53 keys. Video Display: 16 lines of 32 characters (upper case only). Color graphics capabilities range from 64 x 32 (8 colors) to 256 x 192 (1 color and background color) with three intermediate formats. Memory: 16K ROM and 64K RAM. Input/Output: 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms) Dimensions: 3 x 10³/₁₆ x 14³/₁₆" Power: 120VAC, 60 Hz



Increase Data Storage Capacity With a Color Disk Drive



299⁹⁵

Low As
\$20 Per Month★



FD-501 Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system and store over 156,000 characters of data. You can write your own sophisticated disk applications or add ready-to-run software. The drive plugs into the Program Pak port or Multi-Pak Interface. Includes 5¹/₄" double density, 35-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; one blank 5¹/₄" diskette; reference manual and operator's instructions. UL listed AC. 26-3131 299.95

Second Drive. Adds another 156K of storage. Mounts above the FD-501's first drive. Requires installation (not included). 26-3132 179.95

Special Savings When You Buy DeskMate® and a Disk Drive

Save \$69⁹⁵

329⁹⁵

Reg. Separate
Items 399.90

Low as \$20 Per Month★

- DeskMate Software Features Seven Applications on One Diskette—Text, Ledger, Paint, Index Cards, Telecom, Calendar and Calculator
- FD-501 Disk Drive Stores Over 156,000 Characters of Data Per Diskette

Complete package includes the FD-501 Floppy Disk Drive and DeskMate program

For the Color Computer 2.

26-3131/26-3259 329.95

For the Color Computer 3.

26-3131/26-3262 329.95

Upgrade Your Color Computer Today With These Low-Cost Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K to use larger, more sophisticated programs.

26-3015 29.95*

Low-Profile Keyboard Kit. Upgrades any Color Computer with the older keyboard style to our newer version.

26-3016 24.95*

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127.

26-3017 59.95*

Extended Color BASIC ROM Kit. Upgrades a Color Computer for advanced graphics capabilities or to use disk drives. Requires 16K RAM.

26-3018 39.95*

*Installation required (not included). Some installations may require additional low-cost hardware.

VERSATILE COLOR COMPUTER ACCESSORIES

Deluxe Joystick



29⁹⁵

Each

Our Best!

You can feel the difference. Get accurate cursor control and quicker response. Dual-axis trim controls adjust to your touch.

26-3012 Each 29.95

Color Mouse



Use With or Without Joysticks

49⁹⁵

Adds speed and ease to games and graphics creation. Simply "roll" the mouse across tabletop to accurately position cursor.

26-3025 49.95

Joysticks



19⁹⁵
Pair

Fun Action for Two Players

Our lowest-priced joystick. Fast 360° movement! Single-shot button.

26-3008 Pair/19.95

Multi-Pak Interface



99⁹⁵

Low As \$20
Per Month*

Connects up to four Program Pak™ cartridges. Change between slots with selector switch or under program control. U.L. listed AC.

26-3124 99.95

RS-232 Program Pak



79⁹⁵

Frees
Serial Port

Communicate with major information services and with other computers over telephone lines. Requires modem.

26-2226 79.95

Modem Program Pak



NEW
FOR 87

89⁹⁵

RS-232 interface and 300-baud, originate/answer modem. Transfer/receive ASCII files or access information services by phone.

26-2228 89.95

Appliance Controller



99⁹⁵

Low As \$20
Per Month*

Connect lights and appliances to Plug 'n Power™ modules (sold separately), attach controller and program times and events. U.L. listed AC.

26-3142 99.95

Sound/ Speech Program Pak



79⁹⁵

Adds three-voice sound and one-voice speech to your BASIC programs, using PEEK and POKE commands.

26-3144 79.95

Orchestra-90 CC

79⁹⁵

Compose
Music



Create highly sophisticated electronic music and sound effects. Compose in six octave ranges in up to five voices.

26-3143 79.95
Orchestra-90™ Software Affair

Hard Disk Interface



NEW
FOR 87

129⁹⁵

Low As \$20
Per Month*

Use your Color Computer with Primary Drives. Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later).

26-3145 129.95

Our Electronic Book Makes Learning Fun



24⁹⁵

Attaches
To Your
Color
Computer

Electronic Book. Your kids will spend hours learning the fun way! Each of the optional software packages contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make selections. Interactive routines make learning a game. Choose from four different programs described below. Safe for kids to use, too—plugs into joystick port. Requires 16K. Optional software packages listed below require cassette recorder. 26-3141 24.95

Maze Master. 26-2541 19.95

Shape Maker. 26-2542 19.95

The Number Factory. 26-2543 19.95

Word Wizard. 26-2544 19.95

There's a Radio Shack Near You—Wherever You Are

World Radio History

DISK SOFTWARE FOR COLOR COMPUTERS

*Revolving Credit Available
See Page 3

Seven-in-One Enhanced DeskMate 3 Software

NEW FOR 87

99⁹⁵

Low As \$20 Per Month*



DeskMate 3. Color Computer DeskMate 3 is an integrated package of seven commonly used personal productivity applications on one disk.

TEXT—A general-purpose text-entry and editing program that performs search and replace; file merge; and block select, copy and delete. Now enhanced with an 80/40-column switchable display.

LEDGER—A simple spreadsheet which includes an easy-to-use menu and automatic column formatting. Now enhanced with an 80/40-column switchable display and more available memory.

PAINT—A color picture editor to create graphics screens. Paint in four colors—or 16 colors on the Color Computer 3's 160 x 200 graphics mode. Using Paint, you can create colorful charts, graphs and designs.

INDEX CARDS—A personal filing system. You can enter and edit data and perform simple sorts and searches. It's ideal for keeping track of names.

TELECOM—A communications program to access national information services, plus transmit and receive ASCII files from other computers by phone (requires modem).

- Features the Applications Today's User Demands Most
- No Complicated Commands to Memorize—Put DeskMate 3 to Work From Day One

CALENDAR—A simple monthly calendar that displays "to do's" for any date. And now there's an increased number of day records to make monthly planning easier.

CALCULATOR—A four-function calculator available within any application. This program is similar to a printing calculator. Figures and calculations scroll up the screen. Includes printer support.

Available 9/30/86. 26-3262 99.95

Make the Most of Your Color Computer With Disk Software

OS-9 Disk Operating System. A real-time operating system that includes a powerful editor/assembler, plus functions for disk and terminal input/output, software memory management and multitasking. 26-3030 69.95

New! OS-9 Level Two. A multitasking real-time operating system enhanced for the Color Computer 3. Available 9/30/86. 26-3031 79.95

D.L. LOGO. Programming language designed to run under OS-9. Based on LOGO developed by M.I.T. 26-3033 99.95

BASIC-09. An enhanced version of standard BASIC. Includes advanced features derived from PASCAL. 26-3036 99.95

Pascal-09. Structured programming language enhanced for OS-9. 26-3034 99.95

C Compiler. A high-level language that produces assembly language source code for the 6809 microprocessor. Requires OS-9 DOS. 26-3038 99.95

Flight Simulator I. Learn the basics in instrument recognition, manual control and more. Joystick and 64K required. 26-3108 24.95

Color Screen Print Utility. Provides multicolor printouts of color graphics scenes produced from any graphics program. For use with color Ink-Jet Printer (26-1268). 26-3121 9.95

OS-9 Screen Print. Print high-res Color Computer graphics. Requires Ink-Jet Printer (26-1268) for four-color printouts or dot-matrix printer with bit-image mode for B&W. 26-3221 14.95

New! Mickey's Space Adventure. You, Mickey, and Pluto can help put back together the shattered "memory crystal" of a far-off planet. Available 10/30/86. 26-3247 34.95

Childpace. Track your child's early development from 3 months to 5 years old. Evaluates dexterity, language, personal and social skills. 26-3248 39.95

Cookbook. An all-purpose menu planner suggests complete meal menus. 26-3257 39.95

Investograph. Charts stocks and trends. Features high-resolution graphics. 26-3258 49.95

Cash Budget Management. A sophisticated personal or small business bookkeeping program. 26-3261 49.95

TRSCOPY. Allows transfer of text files between "OS-9" disks and "Color Computer Disk BASIC" disks. 26-3263 24.95

TSEDIT. A high-resolution screen editor that allows upper and lower case in lines from 32-80 columns. 26-3264 34.95

New! TSSPELL. A spelling checker/corrector designed to run under OS-9 in conjunction with TSWORD. Available 10/30/86. 26-3266 39.95

TSWORD. A format program that forms a powerful OS-9 word processing package when combined with TSEDIT. Illustrated menus. Requires 64K disk system. 26-3267 34.95

OS-9 Profile. This package makes it easy to create and update files for warranties, insurance, or any household records you want to keep track of. 26-3274 49.95

Dynacalc. A powerful electronic spreadsheet. Features up to 256 columns or 256 rows of cells. Built-in numeric functions and 16-digit precision. 26-3275 99.95

Pan. Write your own songs! Built-in features include everything you need to compose music in three-part harmony. 26-3279 29.95

Biosphere. An ecological simulation game that teaches children to create a workable ecology. 26-3280 29.95

Pegasus and the Phantom Riders. You can help the great white flying horse, Pegasus, destroy the Phantom Riders from the mysterious Phantom Island. 26-3281 29.95

Rocky's Boots. The award winning Rocky's Boots helps develop skills in logical problem solving, abstract reasoning, and creative thinking. 26-3283 34.95

New! Robot Odyssey. A highly sophisticated program to help develop skills in logical problem solving while the concepts of electronic circuitry, circuit design and logic are explored. 26-3284 34.95

New! Zone Runner. An action/strategy game. The player becomes an interstellar trade merchant as well as the pilot of a somewhat unreliable space vehicle. Available 12/30/86. 26-3286 29.95

Pitfall II. Pitfall Harry needs help on a treacherous journey to recover the magnificent Raj diamond believed to be hidden in an ancient lost cavern. 26-3287 29.95

One-on-One. Dr. J (Julius Erving) and Larry Bird play basketball, one-on-one style. Control either player and try to win. 26-3288 34.95

Varloc. Chess-style game with an unusual twist. Pieces must wage a battle for victory of each square. 26-3291 29.95

Desert Rider. How long do you think you can survive this treacherous, grueling motorcross track? If you find the stamina for the spills and thrills, you'll become a Desert Racer Hall of Fame Member. 26-3292 29.95

Ghana Bwana. You're an outrigger trying to reach the island, but natives are hurling spears. 26-3293 29.95

New! The Interbank Incident. A role playing graphic adventure where players become secret agents trying to find thieves, their hideout and the code book to regain control of a satellite. 26-3296 29.95

New! Rogue. This college classic is now available for home computers. Face unpredictable monsters, ever-changing magic and hidden dangers. Available 10/30/86. 26-3297 29.95

New! Phantomgraph. Turn numerical data into easy-to-understand graphs and charts. Lets you print several graphs—plus text—on a single sheet. Requires OS-9 Level II DOS. Available 12/30/86. 26-3276 39.95

DESKMATE® FOR YOUR COLOR COMPUTER



99⁹⁵

Low As
\$20 Per Month*

- Features Seven Personal-Productivity Applications on One Disk
- No Complicated Commands to Memorize—You Can Begin Computing From Day One!

DeskMate. Color Computer DeskMate is an integrated package of seven commonly used personal applications on one disk: Text, Ledger, Index Cards, Paint, Telecom, Calendar and Calculator. Simply select an application (identified by name and icon) with your mouse, joystick or keyboard to start computing! **Text**—A general-purpose text entry and editing program that performs search and replace functions, file merge, block select, copy and delete. Ideal for correction-free letters, memos and reports. **Ledger**—A simple spreadsheet with an easy-to-use menu and automatic column formatting. Does sales forecasting, budgeting, profit/loss projections and other "What if . . . ?" calculations. **Paint**—A four-color picture editor to create graphics screens. Create lines, shapes and patterns, colorful charts and graphs. Then print a copy on a dot-matrix or jet printer. **Index Cards**—A personal filing system that performs simple sorts and searches. Ideal for names and addresses. **Telecom**—Access national information banks such as news and stock reports. Even "talks" to other computers! Requires modem. **Calendar**—A simple monthly calendar that greets you daily with your important dates. An easy way to organize your day. **Calculator**—A four-function calculator similar to a printing calculator. Figures and calculations scroll up the screen. Comes with an easy instruction manual. 26-3259 99.95

Seven Programs in One!

Software to Make Learning Fun!



Now Your Children Can Learn Basic Skills While Having Fun! For "Recess," Play With the Exciting Pyramid® Adventure Game!

- Vocabulary Tutor 1.** ② Give your children a head start in school as they build their vocabulary with this exciting word and description game. Grades 3-5. 26-2568 8.95
- Vocabulary Tutor 2.** ② More practice matching words and definitions and using them in sentences. Grades 3-5. 26-2569 8.95
- Color Computer Learning Lab.** ② Self-teaching course in Color BASIC Programming. 26-3153 49.95
- Color Math.** ② Makes math fun! Supplement your children's study with problems in addition and subtraction. 26-3201 19.95
- Pyramid®.** ② Give your child a "recess" with this exciting game of mazes and treasure-hunting set in the Land of the Pharaohs. 26-3310 14.95

Electronic Book Program Pages



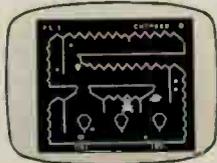
Only **19⁹⁵** Each

Colorful "Pages" of the Electronic Book Make Learning Fun! Packages Below Require The Electronic Book, 16K and Cassette Recorder

- Maze Master.** An introduction to computers, using mazes. Teaches basic principles in computer programming. 26-2541 19.95
- Shape Maker.** Challenges children to identify geometrical shapes and designs. 26-2542 19.95
- The Number Factory.** A basic math skills program. One number goes "in," another comes "out". What was the operation? 26-2543 19.95
- Word Wizard.** A spelling game where kids "shoot" the answers. 26-2544 19.95

Color Computer Software for Fun, Education and Home Uses

From Exciting Games to Personal Home Applications, the Color Computer Library Offers the Best in Software!



Download. ① Become a spelunker! Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so beware! 26-3046 19.95

Dungeons of Daggorath™. You're pitted against

an assembly of awesome beasts and cruel monsters. Every hard-fought victory brings you closer to your ultimate opponent—the evil wizard! 26-3093 29.95

Baseball. ① Now you can play America's grand old sport! The exciting Color Computer program plays like the real game. You control pitching, running and defense—all in spectacular graphics. Make big-league decisions in this one. 26-3095 19.95

Androne. ① Your computer has been invaded by memory-eating Data Bugs. Call on Androne, a user-controlled robot to hunt through your memory banks and "de-bug" them. 26-3096 19.95

Dragonfire®. ① Cross the bridge to the treasure room while dodging fireballs. Avoid the dragon's fire, get the treasure and find the key to get out. Bridges increase in difficulty. 26-3098 29.95

Personal Finance II. Includes 26 expense categories, including auto, gasoline, food and more. Review spending on year-to-date or on a category basis. 26-3106 29.95

Dragonfire/TM IMAGIC

166



Our Color Computer Software Includes Two Brand New Titles for 1987: Color File II and Color SCRIPSIT®II

Spectacular®. Do home planning and budgeting with this electronic spreadsheet. Just enter numbers and formulas—results are displayed on command. Ideal for home financial forecasting. 26-3104 29.95

Color Editor/Assembler. Develop 6809 software programs or subroutines. You get trial assembly in memory before final assembly to tape, an editor to change your program and Z-bug for testing. 26-3250 39.95

Atom. ① An introduction to the subatomic world of elements through the building of atoms in an interesting game format. Teaches the names of elements with their atomic numbers, configurations and main properties. Wall poster included. 26-3149 19.95

NEW! Color Scripsit II. A simple word-processing system designed to run in a ROM cartridge for use with either a 16K or 64K Color Computer. The system includes an editor to enter and edit text and a "view" function that allows you to change the format control information while viewing the entire page. (Available 11/30/86.) 26-3109 29.95

NEW! Color File II. A file system designed for a 16K (or more) Color Computer and cassette recorder. Each data file is made up of a field area: Text, Numeric or Date. Color File II stores your important data in the appropriate field and rapidly retrieves it in an easy-to-use format. Use built-in files or create your own. (Available 11/30/86.) 26-3110 24.95

① Joysticks required. ② Cassette recorder required. ③ Joysticks and recorder required.

POCKET COMPUTERS & ACCESSORIES

• Revolving Credit Available
See Page 3

Handy New PC-6 Pocket Computer

NEW FOR 87 **119⁹⁵**

Low As \$20 Per Month*

- 65 Built-In Scientific Functions
- Programs in BASIC and Assembly Language
- Ideal for Engineers And Students



PC-6 Pocket Computer. The PC-6 combines the best features of a powerful scientific calculator and a programmable pocket computer. Performs up to 65 built-in scientific calculations—or write your own programs in BASIC or Assembly Language. Retains programs and data even when power is turned off. Features an easy-to-read, 24 character LCD. Uses PC-4 Cassette Interface and Printer with PC-5/6 Cable (all sold separately). 8K RAM. Folds up to 3/8 x 5 5/8 x 5 5/8". Includes batteries. 26-3672 119.95

PC-5/6 Interface Cable. 26-3671 14.95

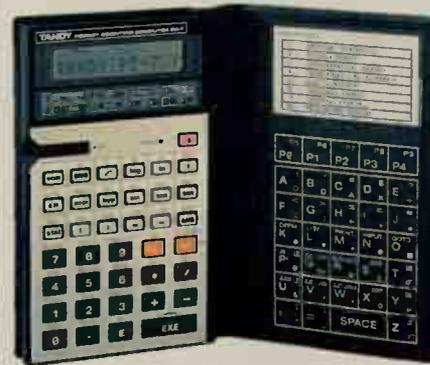
NEW! 8K RAM Module. Increases memory to 16K. 26-3674 19.95

PC-7 Pocket Scientific Computer

NEW FOR 87

69⁹⁵

- 72 Scientific And 17 Statistical Calculations
- With 2K RAM



PC-7 Pocket Scientific Computer. Keep track of important data and calculations anywhere you go with our new PC-7 Pocket Computer. This incredible, compact unit performs up to 72 scientific calculations and 17 statistical calculations, making it perfect for engineers and others who need exact mathematical data rapidly. The PC-7 features 2K RAM and 35 commands in BASIC. Mathematical functions include: trigonometric, logarithmic/exponential, absolute value, permutations and many others. 12-character display. 3/8 x 5 1/2 x 7 3/32". Includes batteries. 26-2673 69.95

Low-Cost, Portable PC-4 Pocket Computer and Accessories



Pocket Computer Model PC-4. 544-character memory. A big 12-character LCD scrolls to 62 characters. 3/8 x 6 1/2 x 2 3/4". With batteries.

26-3650 59.95

PC-4 Cassette Interface. Load software and store programs and data on cassette tapes. Requires two "AA" alkaline batteries.

26-3651 39.95

PC-4 Printer. Prints 20 characters per line. 26-3591 79.95

PC-4 Thermal Paper. 1 1/2" wide. 65-711 Pkg. 5/1.99

59⁹⁵ ■ Only 3/8 x 6 1/2 x 2 3/4"
■ 544-Character Memory



39⁹⁵

Cassette Interface Lets You Use an Optional Recorder

Expand Your PC-4 System Easily

PC-4 Printer Completes the System! **79⁹⁵**



Radio Shack Computer Cassette Recorders

CCR-81 Recorder CCR-82 Recorder

59⁹⁵ **49⁹⁵**

A "Must" for Our Tape-Based Computers

(1) CCR-81. Ideal for loading and saving your own programs and data on cassette tapes. Battery/Record LED indicator. 10 1/2 x 5 3/4 x 1 3/16". Includes cable. UL Listed AC operation or four "C" batteries (not included). 26-1208 59.95

(2) CCR-82. Our smallest and lowest-priced Computer Cassette Recorder! Features volume control with preset marker. 7 1/8 x 4 1 1/16 x 1 5/16". Includes cable. Requires four "AA" batteries or AC adapter (not included). 26-1209 49.95

AC Adapter for 26-1209. UL listed. 273-1454 5.95



(1)

(2)

Computer Cassettes



Low As **1⁸⁹**
Each

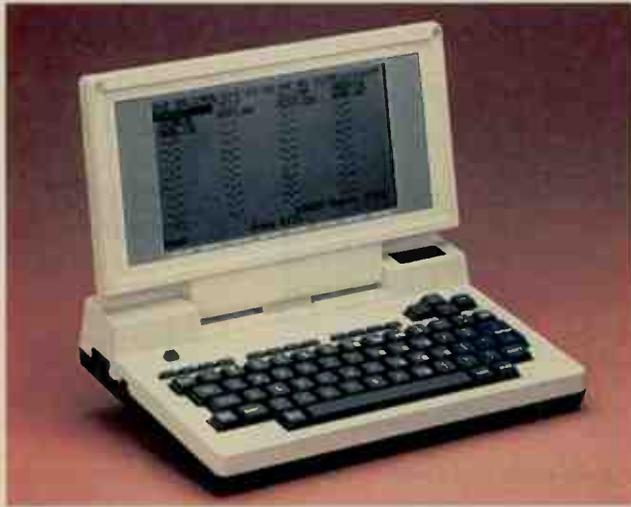
Deluxe C-20 Cassette Tape. "Reel-to-reel" design in a clear shell. 26-308 3.79
C-20 Tape. 26-301 2.79
C-10 Tape. 26-302 1.89

Quantity	Deluxe C-20 (Each)	C-20 (Each)	C-10 (Each)
1-11	3.79	2.79	1.89
12-23	3.39	2.49	1.69
24-47	2.99	2.19	1.49
48-Up	2.69	1.99	1.39

Radio Shack Is Your Complete Pocket Computer Headquarters

World Radio History

AFFORDABLE TANDY PORTABLE COMPUTERS



Tandy 200 Portable Computer

799⁰⁰

Low As \$37
Per Month*

- Six Built-In Programs, Plus Alarm and Calculator
- Highly Legible Display

Tandy 200. A powerful battery or AC-powered problem solver. For complex spreadsheet analysis and calculations, you'll find the large, easy to read flip-up display and the built-in Multiplan software are indispensable. Five other "instant-on" programs include a more powerful version of the Model 100's word processing program. You also can use your Tandy 200 as an electronic appointment calendar with alarm, address/phone directory and telephone auto-dialer. The Tandy 200 can even generate tone dialing signals for use with long-distance services. And you can write your own programs using the built-in BASIC. 26-3860 **799.00**

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. Clock Speed: 2.4 MHz. Memory: 72K ROM, expandable to 104K; 24K RAM, expandable to 72K in banks of 24K. Keyboard: Full-sized 56-key typewriter-style with embedded data pad, plus 8 programmable function keys. Display: 40 x 16 liquid crystal display, upper and lower case ASCII characters, 240 x 128 dot-matrix graphics. Modem: Built-in 300-baud direct-connect modem with auto-dialer. FCC registered. Input/Output: Parallel printer interface. RS-232C serial communications interface. Cassette tape interface. Standard bar-code reader interface. Dimensions: 23¹/₁₆ x 11³/₄ x 8¹/₂". Weight: 4.5 lbs. Power Supply: Operations—Up to 16 hours on 4 "AA" alkaline batteries, and can use nickel-cadmium rechargeable batteries with minor additional-cost modification. Optional U.L. listed AC/DC charger/adaptor available. Memory—Internal rechargeable nickel-cadmium batteries will retain memory for up to 15 days with power off.



Slimline Tandy 102 Portable

NEW FOR 87

499⁰⁰

Low As \$23
Per Month*

- New, Slimmer Case
- Five Built-In Programs
- Full-Size Keyboard

Tandy 102. The slim, lightweight Tandy 102 is a Micro Executive Workstation™ that's ideal for business people and students. Plus, the Tandy 102 features five instant-on programs, a 40 x 8 display and a modem—all built in. Use Tandy 102 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Only 4 lbs. 26-3803 **499.00**

SPECIFICATIONS: Microprocessor: 8-bit 80C85 CMOS. Clock Speed: 2.4 MHz. Memory: 32K ROM; 24K RAM, expandable to 32K. Keyboard: Full-size 56-key typewriter-style with embedded 10-key datapad, plus 8 programmable function keys. Display: 40 x 8 Liquid Crystal Display, upper and lower case ASCII characters, 240 x 64 dot-matrix graphics. Modem: Built-in FCC-registered direct-connect modem with auto-dialer. 300 baud. Input/Output: Parallel printer interface. RS-232C serial communications interface. Cassette tape interface. Standard bar-code reader interface. Dimensions: 11¹/₂ x 11¹/₄ x 8¹/₂". Weight: 3 lbs. Power Supply: Operations—Up to 20 hours on 4 "AA" alkaline batteries or optional U.L. listed AC power supply. Memory—Internal rechargeable nickel-cadmium batteries will maintain memory intact for up to 30 days with power off.

Accessories Turn Your Portable Into a Complete System

- (1) Disk/Video Interface. 184K disk drive stores files on 5¹/₄" diskettes. Get 40 x 25 display using a TV or 80 x 25 using a monitor. Cables included. Model 100/102 requires 16K. (Computer, monitor and second disk drive shown not included). 26-3806 **499.00***
- New Low Price! Second Disk Drive.** Installation not included. Was \$239.95 in 1986 Catalog. 26-3807 **199.95***
- (2) Portable Disk Drive. 100K of data on 3¹/₂" floppies. Weighs 1³/₄ lbs. 2 x 4¹⁵/₁₆ x 6¹/₈". Requires four "AA" batteries or AC Adapter (not included). 26-3808 **199.95***
- (3) Carrying Case. 26-3811 **39.95***
- (4) Tandy 600 Carrying Case. 26-3905 **59.95**
- Portable Disk Drive Carry Case. 26-3815 **24.95**
- (5) Bar Code Wand. (Computer shown not included). 26-1183 **99.95***
- Acoustic Coupler. 26-3805 **39.95**
- Printer Cable. 26-1409 **14.95**
- Direct-Connect Modem Cable. One free hour on CompuServe and Dow Jones News/Retrieval. 26-1410 **19.95**
- AC Adapter. U.L. listed. 26-3804 **5.95***
- 100/102/200/600 Legs. 26-3812 **3.99**
- Model 100 8K RAM Upgrade. Req. install. (not incl.). 26-3816 **49.95**
- Tandy 102 8K RAM Upgrade. Req. install. (not incl.). 26-3817 **14.95**
- Tandy 200 24K RAM Upgrade. Req. install. (not incl.). 26-3866 **199.95**
- Tandy 600 96K RAM Upgrade. Installation recommended. 26-3910 **299.95**



168 *For Tandy 200/102/100 Only. Available But May Not Be Stocked in All Participating Radio Shack Stores and Dealers.

TANDY 600 WITH BUILT-IN 3 1/2" DISK DRIVE

•Revolving Credit Available
See Page 3

16-Bit Technology—
Our Most Powerful!

1599⁰⁰

Low As \$74 Per Month*

- Self-Contained 3 1/2" 360K Disk Drive
- Built-In Applications Software
- Internal 300-Baud Direct-Connect Modem With Tone and Pulse Dialing
- 80 x 16 High-Contrast LCD Display

Tandy 600. An "affordable portable" with the performance of a desktop computer. Our new Tandy 600 features a 16-bit microprocessor, an 80-character by 16-line display, a built-in 3 1/2" disk drive and 32K RAM (expandable to 224K*).

Built-In Programs. The Tandy 600 also features five resident applications. Multiplan, the popular "second-generation" spreadsheet can do and show more because of the Tandy 600's larger display and expanded memory. Word processing is easy using a subset of Microsoft® Word. You'll have quicker access to documents, and better storage with the built-in disk drive. File is an electronic database for names and addresses, expenses, client billing, inventory and more. And you can keep a large number of different files on the pocket-sized diskettes. With Telecom and the Tandy 600's built-in modem, you're able to communicate with other computers over the phone. Auto wake-up allows the Tandy 600 to turn itself on, call another computer and either upload or download data into RAM or onto disk. Calendar helps you keep track of daily tasks and activities.



The easy-to-learn resident System Manager lets you run each application, exchange information between applications and manage the files created. 26-3901 . . . 1599.00

*RAM Upgrades are in banks of 96K each—installation recommended

SPECIFICATIONS: Microprocessor: 16 bit 80C88 CMOS. Clock Speed: 3.07 MHz. Memory: 160K ROM; 32K RAM, expandable to 224K RAM. Keyboard: Full-size 73-key typewriter style with embedded 10-key datapad. Display: 80 x 16 Liquid Crystal Display, upper and lower case ASCII characters, 480 x 128 dot-matrix graphics. Modem: Built-in FCC-registered direct-connect modem with auto-dialer, 300 baud. Originate and answer. Input/Output: Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code interface. Dimensions: 2 3/4 x 12 x 13" Weight: 9.5 lbs. unit, 11 lbs. with AC adapter. Power Supply: Operations—Up to 8 hours with 1 hour disk access on built-in rechargeable batteries. Optional U.S. listed AC adapter

New Low Price! 96K RAM Board*. Was \$399.95 in RSC-16.

26-3910 . . . 299.95

BASIC ROM for the Tandy 600.

26-3904 . . . 129.95

Expand Your 100/102/200 Portable With Applications

Bar Code Writer. (3) Takes input from TEXT files and produces bar codes. Requires 24K, a cassette recorder, printer and cable. 26-3845 . . . 34.95

Bar Code Drivers. (3) Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and bar code wand. 26-3846 . . . 19.95.

Tandy Code Read/Write. (3) Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3847 . . . 24.95

SCRIPSIT® 100. (1) Turns your Model 100/102 into a true word processor with far more power and features than TEXT. Features advanced formatting compatibilities. Requires cassette recorder. 26-3830 . . . 39.95

Interactive Solutions. (1) This ROM module provides the user with three integrated programs: Data Manager, Data Calc, and Word Processor. 26-3844 . . . 149.95

Multiplan. (1) A ROM version of the popular Multiplan spreadsheet analysis program. 26-3829 . . . 149.95

Text Power 200. (2) Turns your Tandy 200 into a true word processor with far more power and features than the TEXT function. Includes advanced formatting capabilities and print features. Requires cassette recorder. 26-3861 . . . 39.95

Multi Solutions. (2) Multi Solutions software fits in the ROM socket of the Tandy 200 and uses minimal RAM memory. Can run from any of the 200's banks of memory. Con-

tains three applications: a word processor, a time manager and a data manager. It also contains a mail merge function.

26-3894 . . . 149.95

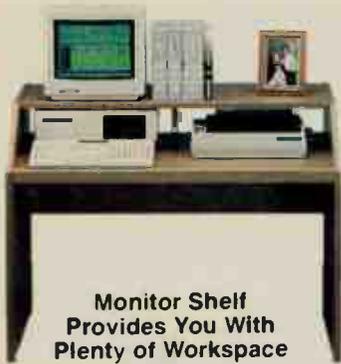
Data Manager. (2) A personal filing system, which can easily store, examine and list a wide variety of information. Each record can have up to 20 fields. Reports can be formatted to list all or selected records. Sort in ascending or descending order. Requires a cassette recorder. 26-3886 . . . 39.95

Romulus Chess. (2) Choose from seven playing levels. Reset the board at any stage or take back a move. Requires a cassette recorder. 26-3890 . . . 19.95

Interactive Solutions, Multi Solutions and Data Manager/TM DCM Data Products. Text Power/TM Hugo Ferreyra. Microsoft Word and Multiplan/TM Microsoft Corp.

(1) Model 100/Tandy 102. (2) Tandy 200. (3) Model 100/Tandy 102/200.

COMPUTER FURNITURE AND ACCESSORIES



Monitor Shelf Provides You With Plenty of Workspace

Full-Size Computer Workcenter
99⁹⁵

This beautifully styled, simulated oak finish workcenter allows plenty of room for computer and features a full-width monitor shelf (41¹/₂ x 14³/₄"), which provides additional space for monitor, software programs and supplies. Adjustable glides. Easy to assemble. 34 x 43 x 23³/₄". 26-1350 99.95



Space-Saving Stands
Computer Stand **49⁹⁵** Printer Stand **49⁹⁵** Each Stand

Beautiful Simulated Hickory Finish

Compact Computer Stand. Includes raised platform plus storage shelf. Easy to assemble. 26 x 32 x 19³/₄". 26-1354 49.95
Compact Printer Stand. Bottom-feed paper slot and storage shelf. Adjustable glides. 26 x 26⁷/₈ x 19³/₄". 26-1355 49.95



Universal Computer Floor Stand



NEW FOR 87

29⁹⁵

Fits Tandy and Other PCs

Adjustable to 6" width. Durable steel construction and non-skid rubber feet. Easy to assemble. 26-201 29.95

Universal Monitor Pedestal



16⁹⁵

Adjustable platform rotates and tilts for optimum viewing angle. Holds all Tandy monitors. Color and finish match monitors. Base: 11 x 10¹/₄". 26-1369 16.95

Monitor Platform



NEW FOR 87

29⁹⁵

Sturdy platform for all Tandy monitors. Wood top with metal legs. Easy to assemble. 5³/₈ x 20³/₄ x 11⁷/₈". 26-210 29.95

"Budget" Table

79⁹⁵



Perfect for Home or School

Fits small spaces, yet large enough for most systems. 27 x 48 x 24". Easy assembly. 26-1324 ... 79.95

Power Protection! Switch and Power Supply



NEW FOR 87

79⁹⁵

Power Switching System. Six outlets! Filters transients and line noise. U.L. listed. (Available 9/30/86). 26-203 79.95



NEW LOW PRICE!

595⁰⁰ Low As \$28 Per Month*
Was \$695.00 in Cat. RSC-16

Standby Power System. Provides more than 10 minutes of full power operation (400 VA). Acts as spike protector. U.L. listed. 26-1189 595.00

Printer Platform



49⁹⁵ Saves Desk Space

Smoked acrylic. Elevates your wide-bed (132-column) printer, allowing paper to feed from below (3" clearance). 26-1383 .. 49.95

Printer Supports



NEW LOW PRICE!

16⁹⁵

Was \$19.95 in Cat. RSC-16

Elevates printer so fanfold paper can be placed underneath. Use with 80-column printers. Easy to assemble. 26-1367 16.95

Power Center



NEW FOR 87

69⁹⁵

Provides full common and differential mode transient protection. Noise filtration. 15-amp. 6-ft. cord. U. L. listed. (Available 10/30/86). 26-1396 69.95

Power Protector



NEW FOR 87

16⁹⁵

Varistor Status Lamp

Full common and differential mode transient protection. Power line noise filtration. Push-to-reset circuit breaker. 10-amp. U. L. listed. (Available 10/30/86). 26-1395 16.95



Anti-Static Mat

NEW FOR 87

89⁹⁵

Removes static charge instantly when stepped upon. Unobtrusive, transparent surface. Simple installation. 10-ft. ground strap. 45 x 53". 26-214 89.95

Anti-Glare Screen



NEW FOR 87

24⁹⁵

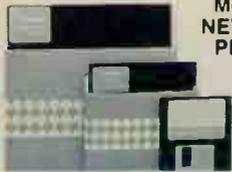
Before After

- Reduces Reflections
- Increases Contrast

For Tandy Color Monitors. Improves readability and reduces eyestrain. 26-202 24.95
For Monochrome Monitors. 26-511 16.95

RADIO SHACK COMPUTER SUPPLIES

• Revolving Credit Available
See Page 3



Most At
NEW LOW
PRICES

Certified 3 1/2", 5 1/4" and 8" Diskettes

- Certified Error-Free
- Unformatted, Soft-Sector

Double-Sided

Size	Tracks	Quantity	Cat. No.	Price
3 1/2"	80	3	26-417	16.95
3 1/2"	80	10	26-418	49.95
5 1/4"	40	3	26-411	6.95
5 1/4"	40	10	26-412	16.95
5 1/4"	80	3	26-409	8.95
5 1/4"	80	10	26-410	24.95
8"	77	3	26-4961	12.95
8"	77	10	26-4960	39.95

High-Density

Size	Tracks	Quantity	Cat. No.	Price
5 1/4"	80	3	26-421	15.95
5 1/4"	80	10	26-422	44.95

Single-Sided

Size	Tracks	Quantity	Cat. No.	Price
3 1/2"	80	3	26-415	15.95
3 1/2"	80	10	26-416	44.95
8"	77	3	26-4904	10.95
8"	77	10	26-4906	34.95
5 1/4"	40	1	26-305	2.19
5 1/4"	40	3	26-405	5.95
5 1/4"	40	10	26-406	15.95

5 1/4" Replacement Labels.
26-307 Pkg. 54/1.95
8" Replacement Labels.
26-4955 Pkg. 54/1.95

Reliable Computer Cables

Parallel Printer Cables	Description	Cat. No.	Each
Model I/III/4/4P/1000/1000 EX	6' Ribbon	26-1401	29.95
Model I/III/4/4P/1000/1000 EX	12' Ribbon	26-1368	34.95
Model II/12/16/16B/2000/6000	6' Ribbon	26-4401	29.95
Model II/12/16/16B/2000/6000	12' Ribbon	26-1323	34.95
Tandy 1200/3000/IBM PC	6' Ribbon	26-1347	29.95
Tandy 1200/3000/IBM PC	12' Ribbon	26-1371	34.95

Serial Printer Cables	Description	Cat. No.	Each
PC-5	12-Pin to 12-Pin	26-3671	14.95
Color Computer/MC-10	4-Pin to 4-Pin	26-3020	4.95
DT-100 Terminal	4-Pin to DB25	26-1361	16.95

Interface Cables	Description	Cat. No.	Each
Color Computer/MC-10 to Modem	4-Pin to 4-Pin	26-3020	4.95
Color Computer to RS-232C	4-Pin to DB25	26-3014	16.95

Keyboard Cable	Description	Cat. No.	Each
Tandy 1000	5' Extension	26-1389	14.95

Cassette Recorder Cable	Description	Cat. No.	Each
Computers With Cassette Port	5-Pin to Audio	26-1207	5.95

Portable Computer Interface Cables	Description	Cat. No.	Each
Any Parallel Printer	34-Pin to 36-Pin	26-1409	14.95
DC Modem to Phone Jack	8-Pin to Modular	26-1410	19.95

RS-232C Communications	Description	Cat. No.	Each
Model III/4/12/16B/1000 1200/2000/3000/6000	5' Ribbon	26-1408	17.95
Extension for 26-1408	6' Ribbon	26-1398	17.95
Model 12/Model 16B	10' Round	26-1490	24.95
Tandy 1000	25' Round	26-1491	29.95
Tandy 1200			
Tandy 2000			
Tandy 3000	50' Round	26-1492	44.95
Tandy 6000 or 26-1497			
2 RS-232C Cables	Connector	26-1495	14.95
2 Computers & RS-232C Cable	Null Modem	26-1496	14.95
Round RS-232C Cable for Model III/4/DT-1	8" Flat Extender	26-1497	15.95
Tandy 6000 RS-232C Card to Modem	Modem Adapter	26-1373	19.95
Tandy 3000 Serial Cable	6' Round	26-1399	24.95

Diskette Library Boxes

Low As **2⁹⁵**

Convenient Disk Storage

3 1/2": Holds 5. 26-1380 ... 2/2.95
5 1/4": Holds 10. 26-1452 ... 4.95
5 1/4": Convenient Travel Tote. Holds
5. 26-1348 ... 2.95
8": Holds 10. 26-4952 ... 5.95



Diskette Boxes

Low As

12⁹⁵

Dust-Free Protection

Organize your floppy disks with five adjustable dividers. Stackable for convenient storage. Built-in handle.
3 1/2": Holds 30. 26-1381 ... 12.95
5 1/4": Holds 50. 26-1362 ... 14.95
8": Holds 50. 26-4953 ... 24.95



Handy Disk Files



(1) 5 1/4" Wallet File. Holds 10 diskettes. 26-1366 ... 7.95
(2) 3-Ring Binder for Envelopes. 26-1310 ... 5.95
(3) 5 1/4" Envelopes. For binder above. 26-510 ... Pkg. 10/7.95
8" Envelopes. 26-4907 ... Pkg. 10/7.95

Disk Drive Clean Kit

Low As **7⁹⁵**

- Easy to Use
- Economical Maintenance

3 1/2", Single-Sided. 26-419 ... 9.95
3 1/2", Double-Sided. 26-420 ... 9.95
5 1/4", Single or Double-Sided. 26-408 ... 7.95
8", Single or Double-Sided. 26-4957 ... 8.95



Dust Covers

Low As
2⁹⁵



Computers	Cat. No.	Price
Color Computer 2/3	26-532	3.95
Tandy 1000/1200 2000/3000	26-541	9.95
Tandy 1000 EX	26-543	4.95
Model III/4/DT-1	26-506	5.95
Model 12/16/6000	26-526	7.95

Printers	Cat. No.	Price
DMP 105	26-530	3.95
DMP 130	26-536	3.95
DMP 430	26-535	4.95
DMP 2100/2110	26-525	4.95
DMP 2200	26-539	4.95
DWP II/DWP 510 DWP 520	26-508	5.95
DWP With Tractor (except DWP 520)	26-538	5.95
DWP 220/230	26-537	4.95

Peripherals	Cat. No.	Price
CCR 81 Recorder	26-517	2.95
DT 100 Monitor	26-540	4.95
Color Computer Disk Drive	26-542	3.95
1000 EX Drives	26-544	3.95

For Keyboards	Cat. No.	Price
New! Tandy Keyboards	26-200	7.95
Model III/4/DT-1	26-1342	12.95

Disk Drive Analyzer

NEW
FOR 87

29⁹⁵

For Tandy 1000/1200/1000 EX. Analyzes disk-drive alignment, rotational speed, index-sensor position, clamping ability and write/read accuracy. 26-1370 ... 29.95



Static Spray

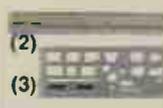
5⁹⁵

Eliminates problem-causing static on equipment, screen or carpet. 16 oz. 26-515 ... 5.95



Programming Aids

(1) Graphics Worksheets. 26-2105 ... 100 Sheets/4.95
(2) Printview Ruler. 26-1313, 3.50
(3) Flowchart Template. 26-1312 ... 3.95



RADIO SHACK HAS PRINTERS FOR EVERY NEED

Full-Featured Daisy-Wheel Printer



NEW FOR 87

995⁰⁰

- Prints at 500 Words Per Minute
- IBM Compatible

Low As \$46 Per Month •

DWP 520. Get high-speed electric-typewriter quality at a lower price than ever! Select 10, 12 or 15 characters per inch, or proportional pitch. Comes with interchangeable 96-character Courier 10 Print Wheel and carbon ribbon. Parallel interface only. UL listed AC.

26-2800 995.00

DWP 520 Bidirectional Tractor. 26-2801 149.95

Our Lowest-Priced Daisy-Wheel



NEW FOR 87

399⁹⁵

- Prints at 200 Words Per Minute
- IBM Compatible

Low As \$20 Per Month •

DWP 230. Now get full-featured, letter-perfect printing for under \$400! Select 10 or 12 characters per inch or proportional pitch. Prints at 20 cps. Parallel and Color Computer serial interfaces. UL listed AC.

26-2812 399.95

DWP 230 Bidirectional Tractor. 26-2813 99.95

Dot-Matrix Power for Business

1695⁰⁰

Commercial Lease Available
For Only \$65 Per Month
(Plus Applicable Use/Sales Tax)

- Prints 380 Characters Per Second
- True Pin-Driven Tractor
- IBM Compatible



DMP 2200. Fast, efficient printing saves your business time and money. Supports elongated, double-high, bold, underline, super/subscripts, italics and double-strike. Bit-image graphics mode. Parallel interface only. UL listed AC.

26-1279 1695.00

Triple-Mode Dot-Matrix Printer

NEW FOR 87

1295⁰⁰

Low As \$60 Per Month •

- Data Processing, Word Processing and Graphics Mode
- IBM Compatible



DMP 2110. Prints correspondence, standard, condensed and graphics characters. Create your own font pattern for each of the 159 character codes and store this pattern as a font. Lets you select the code set (control code sequence) and character set. Includes tractor. UL listed AC.

26-2810 1295.00

Fanfold Computer Printer Paper

9 1/2 x 11" "invisible" perforated margins.

Size	Design	Sheets	Cat. No.	Price
14 7/8 x 11"	Greenbar	500	26-1330	11.95
14 7/8 x 11"	Greenbar	1500	72-300	34.95
14 7/8 x 11"	Greenbar	3500	26-1417	69.95
14 7/8 x 11"	White	1500	72-303	34.95
9 1/2 x 11"	Greenbar	1500	72-304	24.95
9 1/2 x 11"	Greenbar	3500	26-1403	49.95
9 1/2 x 11"	White	500	26-1423	8.95
9 1/2 x 11"	White 20#	500	26-1387	10.95
9 1/2 x 11"	White 20#	1250	26-1427	24.95
9 1/2 x 11"	White 20#	2500	72-311	44.95
9 1/2 x 11"	White	750*	72-305	34.95

Fanfold Mailing Labels

- White
- Pressure Sensitive



1-Wide, Pkg./1000.	
26-1328	6.95
1-Wide, Pkg./5000.	
72-402	24.95
2-Wide, Pkg./2000.	
72-401	15.95
3-Wide, Pkg./3000.	
72-400	16.95
2-Wide, Dry Gum Pkg./2400.	
26-1456	9.95

Roll Paper for Printers

Printers	Cat. No	Price
CGP 115	26-1428	3/4.95
CGP 220 Rolls	26-1333	3/9.95
CGP 220 Cut Sheets	26-1341	250/6.95
TP 10	26-1332	2/3.95
PT 210/TRP 100	76-1003	6/24.95
PC 1	26-3506	6/1.75
PC 2	26-3606	6/2.49
PC 3	26-3592	5/2.49
PC 4	65-711	5/1.99
LPI/III/IV/VIII/DMP 200	26-1402	2/19.95
Plotter/Printer	26-1407	4.95
Quick Printer	26-1405	3/19.95
Quick Printer II	26-1412	2/4.95

*2-Part Sets

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers. IBM/Registered TM International Business Machines Corp.

World Radio History

MORE PRINTERS AND ACCESSORIES

• Revolving Credit Available
See Page 3

18-Wire, 132-Column Printer



NEW LOW PRICE!

699⁰⁰

Low As \$33 Per Month*

Was \$899.00
in 1986 Catalog

- Delivers Superior Correspondence Fonts
- IBM Compatible

DMP 430. Prints 10, 12 or 16.7 cpi, plus elongated standard, elite and condensed. Get micro, italic and double-high fonts, too. Also produces bit-image graphics. Prints up to 180 characters per second. True pin-driven tractor—not sprocket. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-1277 699.00

Triple-Mode "Personal Printer"

349⁹⁵

Low As
\$20 Per Month*

- Word Processing, Data Processing and Graphics
- IBM Compatible



DMP 130. Correspondence printing for under \$350! Prints in four character styles: standard or italic cursive in draft or correspondence modes. Supports super/subscripts, double-width, bold, double-strike, plus cursive and microfont styles. Prints up to 100 characters per second. Built-in tractor. Parallel and Color Computer serial interfaces. UL listed AC. 26-1280 349.95

Our Budget-Priced High-Performer

199⁹⁵

Low As
\$20 Per Month*

- Prints Up to 80 Characters Per Second
- Bit-Image Graphics Mode



DMP 105. Another Radio Shack price breakthrough! Ideal for data processing and general-purpose use. Produces crisp 8 x 9 characters on an 8" line. Bidirectional—prints 80 upper and lowercase characters per line at 43 lines per minute (10 characters per inch). Features elongated and condensed modes. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-1276 199.95

Printer Controller Saves You Time

249⁹⁵

Low As
\$20 Per Month*

Frees Your Computer
During Printing



PTC 64 Printer Controller. Now you can print one job while working on another! Our PTC 64 "print buffer" accepts and stores information from your computer at top speed and then feeds it to your printer as fast as the printer can handle it. Features a clear-memory function, a pause function and a copy function for printing up to 100 consecutive originals. UL listed AC. 26-1269 249.95

Printer Selector Interface 2



NEW FOR 87

99⁹⁵

Low As \$20 Per Month*

Get a Two-Computer,
Two-Printer Hookup

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DMP 2200	Nylon Cart.	26-1233	39.95	29.95
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DWP 210, 230, 520	Carbon M/S (3)	26-1445	17.95	13.45
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The Complete Guide to the Tandy 1000. Explains how to get the most from your Tandy 1000 computer. Covers IBM compatibility, software, hardware, expansion and more. 25-1505 14.95

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New Low Price! Multiuser Tandy 6000

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3499⁰⁰

Was \$5499.00 in 1986 Catalog

Commercial Lease Available
for Only \$125 Per Month
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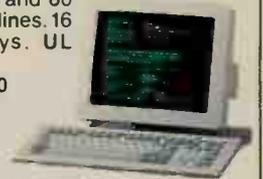
SPECIFICATIONS. Microprocessors: 8 MHz MC68000 16/32-bit CPU and 4MHz Z-80A 8-bit CPU. Direct memory access and vectored interrupts. Memory management includes protected system mode and user spaces. Memory: 512K RAM bytes, expandable to 1 million bytes. 2K video memory. Keyboard: 82-key professional-type, including Numeric Entry Keypad and Special Keys. Video Display: High-resolution 12" green display monitor, 80 or 40 characters per line by 24 lines. Displays upper and lower case characters. Automatic scrolling. Disk Drive: One built-in double-sided, double-density 8" slim-line floppy and one 15-megabyte hard disk. External Expansion: Add up to two 1.25-megabyte floppies and one 70-megabyte hard disk. Internal Expansion: User-accessible Card Cage provides additional plug-in card slots. External Connections: One standard parallel port and two RS-232C serial ports. Dimensions: 13 1/2 x 21 1/2 x 28 1/2". Power Requirements: Built-in filtered power supply for 120VAC, 60 Hz, UL listed.

DT-100 Data Terminal

Features 14" screen and 80 or 132 columns by 26 lines. 16 programmable keys. UL listed AC. 26-6052 795.00

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Tandy 2000 With Super Graphics Capability

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Tandy 2000. Gives you more speed, more disk storage, easier expansion options and more advanced graphics than most other MS-DOS® based computers. Create charts, graphs and diagrams in a brilliant array of colors—the 2000 is the ideal choice for Computer-Aided Drafting (CAD). With its 16-bit microprocessor, the 2000 is over twice as fast as the IBM PC. Two floppy disk drives store 720K per drive. Or choose the Tandy 2000 HD with a built-in 10-megabyte hard disk drive. It is user expandable to easily meet your future computer needs. Produces stunning high-resolution (640 x 400) monochrome or color graphics. UL listed AC.

256K 2-Disk Tandy 2000. 26-5103 1599.00

256K Tandy 2000 HD with 10-Megabyte Hard Disk Drive. 26-5104 2499.00

SPECIFICATIONS. Microprocessor: Intel 80186 processor with 16-bit data path. Clock speed 8 MHz. Operating System: Includes advanced MS-DOS 2.11 with BASIC. Memory: 256K RAM (expandable to 768K). Disk Drives: Two built-in double-sided, double-density thin-line 5 1/4" mini-floppies, with 720K per drive. Tandy 2000 HD has one 720K mini-floppy and one 10-megabyte hard disk drive. Internal Expansion: Four user-accessible card slots. External Connections: Standard parallel port. RS-232C serial communications port, monochrome monitor, AC outlet. Power Requirements: 120VAC, 60Hz.



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SPECIFICATIONS: Microprocessor: 4MHz Z-80A (2 MHz in Model III mode). Memory: 14K ROM, 64K RAM (expandable to 128K). Disk Drives: Two built-in double-sided 368K 5 1/4" drives. Video Display: 80 x 24 (Model 4 mode), 64 x 16 (Model III mode), or double-width 40 x 323 characters per line. Language: Microsoft 5.0 BASIC. Keyboard: 71-key typewriter-style. Dimensions: 12 1/2 x 18 1/8 x 21 1/2". Power: 120VAC, 60Hz.



*DeskMate communications requires modem. DeskMate and TRSDOS/Registered TM Tandy Corporation. XENIX and MS-DOS/Registered TM Microsoft Corp. LDOS/TM Logical Systems, Inc. IBM/Registered TM International Business Machines Corp.

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Tandy 3000 HL. If you've already invested in IBM PC/XT software and hardware, yet are shopping for a lower-priced compatible, then take a look at our newest computer to join the Tandy line of IBM compatibles, the Tandy 3000 HL. With an 80286 processor, it's over four times faster than the XT. And that's good news for busy people. We also made sure the 3000 HL had plenty of memory to run the software you and your staff have grown accustomed to. The Tandy 3000 HL comes with 512K standard memory and can be expanded to 4 megabytes using the expansion slots.

176

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The 3000 HL comes standard with seven expansion slots; four 8-bit/XT compatible slots and three 16-bit data bus slots. The Tandy 3000 HL features a built-in real-time clock with battery backup for automatic date-stamping of all jobs, process control and other time-sensitive applications. And you can connect your MS-DOS based computers with the Tandy ViaNet local area network. For XT compatibility with more power and versatility, at a much lower cost, this is the computer to step up to.

Tandy 3000 HL. 25-4070	1699.00
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Hard Drive Controller. 25-4060	399.95
Deluxe Graphics Display Adapter. 25-3047	399.95
MS-DOS 3.2/BASIC/DeskMate II. 25-4103	99.95

SPECIFICATIONS: Microprocessor: Intel 80286 processor with 16-bit data path. Switchable clock speed 4/8 MHz. Object code compatible with 8086/8088. **Operating System:** Optional Microsoft MS-DOS 3.2 with BASIC. **Memory:** 512K RAM with parity, expandable to 4 megabytes. **Keyboard:** 84-key sculptured. **Video Display:** Optional 12" monochrome or 14" color monitor. 80 or 40 characters per line by 25 lines. Optional 80 by 50 lines, high-resolution 640 x 400 monochrome graphics and 320 x 200 graphics in 16 colors, or 640 x 400 graphics in 4 colors. **Disk Drives:** Built-in, thin-line 5 1/4" floppy can read 360K formats. **Internal Expansion:** Seven plug-in card slots. **Dimensions:** 6 1/8 x 17 x 15 1/2". **Weight:** 32 lbs. **Power Requirements:** 120VAC, 60 Hz. U.L. listed.

IBM/Reg. TM International Business Machines Corp. MS-DOS/Reg. TM Microsoft Corp.

THE PC/AT COMPATIBLE TANDY 3000 COMPUTER



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- Software and Hardware Compatible with the IBM PC/AT and PC/XT
- Uses the MS-DOS 3.2 Operating System
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Tandy 3000. The powerful Tandy 3000 is the affordable answer to the IBM PC/AT. Here's the power to manage your business, to network computers, or to create a multiuser system for your office.

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The Tandy 3000 is compatible with MS-DOS-based software designed for the IBM PC/AT and the PC/XT. The 3000 is also designed to use the XENIX 5.0 multiuser operating system. In such a configuration, multiple display terminals will be able to tap the high-performance 80286 microprocessor. Thanks to its high processing speed, two to six users throughout an office will be able to use the Tandy 3000 simultaneously. Each user can work independently on a variety of diverse projects. The Tandy 3000 comes with an Intel 80286 microprocessor for the ultimate in speed and performance. Or for maximum storage capacity, choose the Tandy 3000 HD. In addition to the floppy drive, the 3000 HD comes with a built-in 20 or 40-megabyte hard disk drive for fast access to volumes of important data.

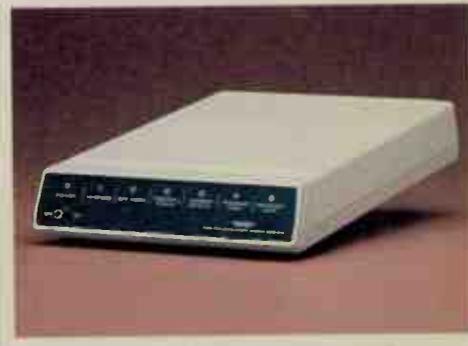
512K Tandy 3000. 25-4001	2199.00
512K Tandy 3000 HD/20MB. 25-4010	3599.00
640K Tandy 3000 HD/40MB. 25-4011	4299.00

SPECIFICATIONS. **Microprocessor:** Intel 80286 processor with 16-bit data path. Clock speed, 8 MHz. Object code compatible with 8086/8088. **Operating System:** Optional Microsoft MS-DOS 3.2 with BASIC. Optional XENIX 5.0 multiuser operating system. **Memory:** 512/640K RAM with parity, expandable to 12 megabytes under XENIX. **Keyboard:** 84-key sculptured. **Video Display:** Optional 12" monochrome or 14" color monitor. 80 or 40 characters per line by 25 lines. Optional 80 characters x 50 lines, high-resolution 640 x 400 monochrome graphics and 320 x 200 graphics in 16 colors, or 640 x 400 graphics in 4 colors. **Disk Drives:** Built-in high-density, thin-line 5 1/4" floppy can read 1.2 Mb and 360K formats. Tandy 3000 HD also has built-in 20 or 40-megabyte hard disk drive. **Expansion:** 10 plug-in card slots. **Dimensions:** 6 1/2 x 18 x 19" **Weight:** 47 lbs. **Power Requirements:** 120VAC, 60 Hz. U.L. listed

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Communicate using any RS-232C equipped computer. Bell 103 compatible, 300 bps, full duplex, originate and answer. Direct-connect modems have modular phone plug. FCC registered. U.L. listed AC.



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Modemfone™ 100. Get the extraordinary convenience of a telephone and modem in one affordable unit. Full duplex, originate/answer, 300 bps. Telephone features switchable Touch-Tone/pulse dialing and adjustable ringer volume. Bell 103 compatible. FCC registered. U.L. listed AC adapter. 26-1386 99.95

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Color Computer Videotex Package.

26-2222 29.95

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POWERFUL MS-DOS BASED SOFTWARE

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Helps You Gain a Better Understanding and Control Over Your Personal and Business Finances

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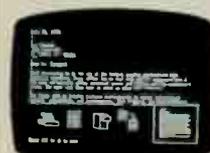
Choose from this family of flexible, easy-to-use software. Programs can interact with each other, so you only need to enter data once. Use them separately or together—learning one makes it easy to learn the others. Not for the Tandy 2000.

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Facemaker. Children create funny faces on the computer. 25-1100 . . . 29.95

Kids on Keys. Children learn with the computer keyboard as they identify numbers, letters and words. 25-1101 . . . 29.95

Kindercomp. Kids create colorful pictures or enjoy colors and sounds as they press different keys. 25-1102 . . . 29.95

Fraction Fever. Helps children understand fractions. 25-1103 . . . 29.95

Alphabet Zoo. Children learn to associate the letters of the alphabet with the sounds they represent. 25-1104 . . . 34.95

Kidwriter. Youngsters create their very own storybook with colorful scenes, text and music. 25-1105 . . . 29.95

Trains. You're in charge of a railroad empire. 25-1107 . . . 29.95

Wizard of Id's WizType. Helps children learn to type words, sentences and paragraphs. 25-1114 . . . 34.95

Learning with Leeper. Helps prepare children for reading, writing and mathematics. 25-1118 . . . 34.95

Entertaining Games

New! Star Flight. Develop and play six characters as they explore alien worlds and civilizations in this role-playing space adventure. Over 20 unique star systems, each displayed in stunning graphics. (Available 10/30/86.) 25-1137 . . . 49.95

New! F-15 Strike Eagle. Experience the exhilaration of flying recreations of actual combat flight missions. Developed and tested by real fighter pilots—you'll be performing loops, splits and yo-yo's! 25-1125 . . . 34.95

New! Rogue. An ever-changing game of magic and hidden perils. 26 levels of play and 26 unpredictable monsters assure a new game each time you play. 25-1134 . . . 29.95

Pipes. Create a water-distribution system for the city of Gilroy. Levels of difficulty increase with the number of houses. 25-1108 . . . 29.95

Lode Runner. You're a specially trained Galactic Commando behind the lines of the Bungeling Empire. Your mission is to retrieve the stolen treasure of your people. 25-1113 . . . 29.95

Infocom Sampler. Contains four types of stories: Zork I, The Witness, Planetfall and Infidel. Best of all, it's completely risk-free. If being clubbed by trolls, shot by gangsters, stranded in space and trapped in pyramids doesn't make you happy, Infocom will refund your \$7.95 purchase price. Or, Infocom will give you \$8.00 toward the purchase of any one of their full-length games. You can't lose! 25-1129 . . . 7.95

Demon Attack. Armed with laser cannons and missiles, you must protect earth from interplanetary winged demons. 25-1110 . . . 29.95

One-on-One. Help basketball superstars Larry Bird and Julius "Dr. J" Erving play one-on-one. Try slam dunks, jump shots and rebounds. 25-1111 . . . 34.95

Pinball Construction Set. Choose from 32 ready-to-use game parts or start all over from scratch. 25-1112 . . . 34.95

Flight Simulator



Microsoft Flight Simulator. Considers 35 important aircraft characteristics and includes an out-the-window, 3-D dynamic flight display and extensive flight controls. 26-5379 . . . 49.95

BC's Quest for Tires. An exciting action game featuring Thor from the comic strip "BC". Follow Thor as he tries to rescue the Cute Chick from the hungry dinosaur. 25-1115 . . . 34.95

King's Quest. Assist the brave Sir Graham on his quest to return the King's treasure in this adventurous world of 3D graphics, sound and animated characters. 25-1117 . . . 39.95

Cuthroats. You're a backwater island's top diver and an expert on local shipwrecks. When a motley band of local salts gets wind of sunken treasure, they offer you a piece of the action in exchange for your skills. 25-1121 . . . 39.95

Touchdown Football. Challenge the computer opponent with your own run, pass, punt and kick strategies. 25-1123 . . . 29.95

Educational Software

The FUNdamentals. Experience the FUNdamentals of computer hardware, software, DOS concepts and commands, DeskMate, and much more in an interactive game environment. 25-1124 . . . 29.95

Typing Tutor III. The most effective typing instruction program ever developed. Get the most out of your computer by learning to type quickly and easily. Includes LETTER INVADERS, a new arcade-style typing game. 25-1126 . . . 49.95

Mastering the SAT. A comprehensive, self-paced preparation course for the Scholastic Aptitude Test. Includes a pre-test, self-paced study, a final test, and a workbook with additional practice exams. 25-1127 . . . 99.95

*Also runs on Tandy 1200 HD, IBM PC and PC compatibles. Ghostbusters/TM Columbia Pictures Industries, Inc. Robot Odyssey, Rocky's Boots/TM The Learning Company. King's Quest II, Learning with Leeper, Wizard of Id's WizType, B.C.'s Quest for Tires, King's Quest/TM Sierra On-Line, Micro Illustrator/TM Island Graphics, Facemaker, Kids on Keys, Kindercomp, Fraction Fever, Alphabet Zoo, Kidwriter, Trains/TM Spinnaker, F-15 Strike Eagle/TM Micro Prose, Pipes/TM Activision, Lode Runner/TM Broderbund Software, The FUNdamentals/TM Digital Learning System, Typing Tutor III/TM Simon and Schuster, Mastering the SAT/TM CBS Software, Infocom Sampler, Cuthroats/TM Infocom, Microsoft Flight Simulator/TM Microsoft, Demon Attack, Touchdown Football/TM Imagic, One-on-One, Star Flight, Pinball Construction Set/TM Electronic Arts, Below the Root/TM Windham Classics, Rogue/TM Epyx

EXPANSION OPTIONS AND UPGRADES

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Available
See Page 3

Digi-Mouse for Easy Cursor Movement



For Accurate Cursor Control
And Accurate Response

Simply plugs in for easy cursor movement in graphics programs, as well as other applications. Requires Mouse Controller/Calendar Board (25-1010 or 25-1015). 26-1197 99.95

3 1/2" 720K External Disk Drive

NEW
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- Space-Saving Size
- Provides 720K Storage

Provides twice the storage of a 5 1/4" disk drive and uses smaller, more durable diskettes. Special features in the Tandy 1000 EX allow you to store programs on this disk drive and load them directly!

25-1061 279.95
New! 5 1/4" External Disk Drive.
25-1060 249.95



User-Installable Boards for Tandy 1000/1200/3000

New Low Price! 256K Parity Memory Kit. Adds 256K of memory. Was 219.95 in RSC-16. 25-3062 129.95

New Low Price! Tandy 1000 Disk Drive Kit. Provides an additional 360K of disk storage. Mounts internally. Installation recommended (not included). Was 199.95 in Cat. RSC-16. 25-1005 169.95

New Low Price! Memory Expansion Board. Uses an expansion slot to upgrade a Tandy 1200 to 384K or a Tandy 1000 (with 384K memory upgrade) to 512K. Also provides sockets for an additional 128K. For Tandy 1000/1200/PC/Compatibles. Was 199.95 in Cat. RSC-16. 25-1009 129.95

Digi-Mouse Controller/Calendar Board. Dual-purpose board includes controller for Digi-Mouse and perpetual time/date clock so that you don't have to re-input time and date into your applications programs. Includes demo program and documentation on how to use the Digi-Mouse in your programs. Battery back-up. 25-1010 99.95

New! 8087 Math Co-Processor. For Tandy 1000 (25-1000A and 25-1001A only) and Tandy 1200. Increase throughput up to 10 times with software that supports a co-processor. Supported by most CAD programs and many others. 25-1012 229.95

New Low Price! 1200-Baud PC Modem. An auto-dial/auto-answer modem. Features powerful automatic dialer commands that are compatible with virtually all communications software. Hayes® compatible. Switchable 1200/3000-baud operation. Save connect time with faster transmission of data. FCC registered. Was 299.95 in Cat. RSC-16. 25-1013 199.95

New Low Price! 128K Parity Memory Kit. For use with 25-1004/25-1009 to upgrade your Tandy 1000 from 256K to 384K or from 512K to 640K. Was 129.95 in 1986 Catalog. 26-5162 99.95

Hard Disk Controller Board. Allows you to add hard disk drives for up to 70 million characters of storage for data and programs. Compatible with most Tandy 1000 software—most programs transfer directly to hard disk. Includes cable for use with 10, 15 or 35-megabyte hard disks. 25-1007 299.95

New! Dual-Display Graphics Adapter. Combines the function of three boards in one! Uses VM-3 and CM-10 monitors. Displays up to 640 x 200 in 16 colors with special software. Features Hercules-compatible graphics mode. 25-3045 249.95

Memory PLUS Expansion Board. Provides DMA and an additional 256K of memory, bringing your 128K Tandy 1000 to 384K. PLUS Expansion Board (RS-232, Mouse, Modem or Network 4) can be plugged into a special connector, saving a slot for other applications. Was 319.95 in RSC-16. 25-1011 179.95

New! Memory PLUS Expansion Adapter for Tandy 1000 EX. Expands your Tandy 1000 EX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K. Also provides connectors for the addition of two PLUS Upgrade Boards. 25-1062 129.95

PLUS Upgrade Boards

These boards are specially designed for use with the Tandy 1000 EX or our Memory PLUS Expansion Board. You can also use them with the Tandy 1000 SX, or any other PC compatible with the PLUS Upgrade Adapter Board. All PLUS Upgrade Adapter Boards are user installable.

New Low Price! PLUS RS-232C Option Card. Lets your computer talk with other computers and access national information services when combined with communications software and external modem. Was 99.95 in RSC-16. 25-1014 79.95

PLUS Digi-Mouse Controller/Calendar Board. Dual purpose—includes controller for Digi-Mouse and a perpetual time/date clock. 25-1015 99.95

New! PLUS 300 Baud PC Modem. Includes switchable Tandy/Hayes® Compatible modes. Great for use with the DeskMate and on-line services such as Compuserve, Dow Jones and more! Connects directly to modular phone jack with included cable. FCC registered. (Available 10/15/86.) 25-1017 99.95

New! PLUS 1200 Baud PC Modem. Hayes compatibility lets you run the most popular communications software at higher speeds (switchable 1200/300). This reduces the amount of time you spend on-line. Built-in speaker lets you hear call status. FCC registered. 25-1018 199.95

New! PLUS Network 4 Interface. Use the Tandy 1000 EX as a low-cost system in an educational network. 25-1019 299.95

PLUS Upgrade Adapter Board. Allows use of PLUS Upgrade Boards in a standard PC card slot. 25-1016 14.95

Hayes/Reg. TM Hayes Microcomputer Products, Inc.

Instructional and Reference Books

MS-DOS: The Basics. Explains the steps of the MS-DOS system, its functions and possibilities. 25-1506 7.95

MS-DOS: Advanced Applications. Discusses working with files and devices, organizing your files, simplifying your work, controlling the flow of data, personalizing your system, keeping your system healthy and "looking behind the scenes". 25-1507 14.95

MS-DOS/GW-BASIC Reference Guide. Complete guide to all MS-DOS and GW-BASIC commands (versions 2.11 and 3.20). Covers syntax, switches and all utilities. For use with Tandy 1000, Tandy 1000 EX, Tandy 1000 SX. 25-1508 29.95

Learning BASIC for Tandy Computers. An excellent tutorial for BASIC programming by Dr. David Lien, author of our famous Model I owner's manual. 25-1500 19.95

The Complete Guide to the Tandy 1000. An extremely thorough examination of the power of our most popular computer! Covers basic operations, software options, compatibility issues, mastering MS-DOS, hardware, expansions and more. 25-1505 14.95

Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 14.95

Technical Reference Manual. Includes schematic diagrams and theory of operation on the Tandy 1000 and option boards. 25-1504 29.95

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THE HIGH-PERFORMANCE TANDY 1000 SX

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2-Disk 384K Tandy 1000 SX

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monitor

Low As \$55 Per Month*

- Fifty-Percent Faster Than the IBM® PC
- Ready to Run With Included DeskMate® II Software, Featuring Six Productivity Programs on One Disk
- Software Compatible With the IBM PC—Choose From the Most Popular Programs on the Market
- Two Built-In 5 1/4" Disk Drives
- Five Card Slots for Easy Expansion
- Network Compatible
- Built-In Adapters for Monochrome And Color Monitors
- Includes Adapters for a Printer, Joysticks and Light Pen

Tandy 1000 SX. Since its introduction, the Tandy 1000 went on to become the hottest IBM PC compatible to hit the market. Now we've made it even better. The 1000 SX is centered around the 8088 microprocessor, ensuring compatibility with industry-standard MS-DOS software. But unlike other "industry-standard" computers, you can run virtually all of your programs *one and one-half times as fast with a 1000 SX.* This user-switchable speed control lets you finish spreadsheets, sort data bases and display intricate charts and graphs faster than ever. To complement this new level of sophisticated performance, the 1000 SX comes with 384K RAM (expandable to 640K on the main board) and two built-in disk drives. And with five card slots, it's easier than ever to expand your system. Expansion boards are user installable, and you can choose from memory expansions, internal modems—even a 20-megabyte hard disk card! We've redesigned our popular DeskMate 6-in-1 applications software to take advantage of the Tandy 1000 SX's power, too. DeskMate II for the Tandy 1000 SX features six applications on one disk. And with the special task-switching feature you

can exit DeskMate, enter an applications program, then return to DeskMate—all with just a few keystrokes (see story, p. 179). With the Tandy 1000 SX, the "options" you expect to pay more for are included. Monochrome and color graphics adapters are built in for easy hookup to a monitor. Adapters for a printer, joysticks, or light pen are all standard, as well as the MS-DOS 3.2 system and BASIC. **25-1051** 1199.00

SPECIFICATIONS: Microprocessor: Intel 8088. Clock Speed: 7.16/4.77 Mhz. Operating System: Includes MS-DOS 3.2 with GW-BASIC. (Manuals extra). Memory: 384K RAM, expandable on main board to 640K. Keyboard: 90-key, including numeric-entry keypad. Twelve programmable function keys. Video Display: Optional high-resolution, non-glare 12" monochrome (green) or 13" RGBI Color Monitor. 80 or 40 characters per line by 25 lines text, 640 x 200 graphics. Disk Drives: Two 360K (formatted) 5 1/4" mini-floppies. Internal Expansion: Five user-accessible IBM PC-compatible card slots (10" maximum length), 8087 Math-Coprocessor. External Connections: Standard parallel port, composite video out, line level audio out, light pen port, two joysticks, RGBI Color Monitor. AC outlet. Power: 120 VAC, 50/60 Hz.

IBM/Registered TM International Business Machines Corp. MS-DOS/Registered TM Microsoft Corp.

Hard-Disk Storage Systems

10-Meg Disk System. Expand your Tandy 1000's storage affordably. Add two to the Tandy 1000 or 1000 SX, or one to the Tandy 1000 HD for 20 megabytes of total system storage (Cable Kit and installation required for secondary unit). Requires Hard Disk Controller Board (25-1007). **25-1025** 699.00

Secondary HD Cable Kit for Tandy 1000. **25-1026** 35.00

Secondary HD Cable Kit for Tandy 1000 HD. **25-1027** 35.00

New! 20-Meg Hard Disk Card. A complete 20-megabyte hard disk—on an expansion board! User installable. Fits in the Tandy 1000's expansion slot, so it doesn't take up any desk space. Also for use in Tandy 1200. **25-1029** 799.00

- Choose External or Internal Hard Disk Storage
- Get Fast Access to Volumes of Data



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OUR ENTRY-LEVEL TANDY 1000 EX

• Revolving Credit Available
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An Ideal PC Compatible
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1-Disk 256K Tandy 1000 EX

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Less
monitor
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- Our Lowest-Priced MS-DOS Based Personal Computer
- Get PC Compatibility at a Fraction of the Price of IBM and Other Compatibles
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- Choose From Thousands of Popular Programs
- 360,000-Character Floppy Disk Drive
- Built-In Adapters for Monochrome And Color Monitors
- Built-In Joystick and Printer Adapters



Tandy 1000 EX. Now there's no reason to settle for a "game" computer. Because now you can get a Tandy 1000 for the price of a game machine. But price is where the similarity ends. The new Tandy 1000 EX is a *true PC-compatible computer*, ready to use the MS-DOS software you bring home from the office, as well as software designed for the home or classroom. Inside the sleek one-piece design there's a 5 1/4" disk drive and 256,000-character RAM. The integral 90-key keyboard is the same as the Tandy 1000 SX for easy learning. You'll find an advanced three-voice sound circuit for sophisticated sound and music generation through the built-in speaker. There's also a headphone jack with volume control for quiet listening—perfect for classrooms. And every Tandy 1000 EX comes with our graphics-oriented Personal DeskMate productivity software. Personal DeskMate is amazingly easy to use, with handy pull-down menus and pop-up boxes for selecting functions (see story, page 179). The one-piece Tandy 1000 offers convenient portability—just plug in a monochrome or color monitor (or a TV set with an optional RF modulator). Plug in joysticks or a printer without

buying extra-cost adapters. Add the Memory PLUS Expansion Adapter for two additional connectors for more memory, modem telecommunications, Digi-Mouse and classroom networking options. If you've been searching for a computer that's "just right" for your family or classroom, then the Tandy 1000 EX is exactly what you've been looking for **25-1050 799.00**

Tandy 1000 EX Monitor Platform. 26-210 29.95
SPECIFICATIONS: Microprocessor: Intel 8088. Clock Speed: 7 1/4 77 Mhz. **Operating System:** Includes MS-DOS 2.11 with GW-BASIC (Manuals extra). **Memory:** 256K RAM, expandable on main board to 640K (25-1062 required). **Keyboard:** Integral 90-key, including numeric-entry keypad. Twelve programmable function keys. **Video Display:** Optional high-resolution, non-glare 12" monochrome (green) or 13" RGBI Color Monitor. 80 or 40 characters per line by 25 lines text. 640 x 200 graphics. **Disk Drives:** One 360K (formatted) 5 1/4" mini-floppy. **Internal Expansion:** One "PLUS" style expansion board or two "PLUS" style expansion boards when used with Memory PLUS Expansion Adapter (25-1062). **External Connections:** 5 1/4" 360K or 3 1/2" 720K External Disk Drive, standard parallel port, composite video out, 1/8" headphone jack with volume control, two joysticks, RGBI Color Monitor. **AC outlet Power:** 120 VAC, 50/60 Hz. IBM/Reg. TM International Business Machines Corp. MS-DOS/Reg. TM Microsoft Corp.

Tandy Display Monitors



- (1) **New! CM-5 RGBI Color Monitor.** 13" screen displays 80 x 25 text, 320 x 200 graphics. 25-1023 **299.95**
- CM-10 RGBI Color Monitor.** 13" screen displays 80 x 25 text, 640 x 200 graphics. 25-1022 **459.95**
- New Low Price! CM-1 Color Monitor.** 14" 80 x 25 screen. 640 x 400 graphics. For Tandy 1200/2000/3000. Was \$599.00 in Cat. RSC-15. 26-5112 **529.95**
- New! VM-4 Monochrome Monitor.** 12" screen displays 80 x 25 text, 640 x 200 graphics. For Tandy 1200/2000/3000. 25-1020 **129.95**
- VM-1 Monochrome Monitor.** 12" screen displays 80 x 25 text, 640 x 400 graphics. For Tandy 1200/2000/3000. 26-5111 **199.95**
- (2) **VM-3 Monochrome Monitor.** 12" screen displays 80 x 25 text, 720 x 350 graphics. For Tandy 1200/3000. 25-3010 **219.00**

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For 66 years millions of Americans have recognized the familiar red letters of our Radio Shack sign as the sign of dependability, quality and value in consumer electronics. Over the years, three more signs have been added to our store family to meet the changing needs of business and education. First is the Radio Shack *Plus* Computer Center, a full-line Radio Shack featuring

an expanded computer department. Second is the Radio Shack Computer Center, stocking and displaying our entire computer line. Third is the combined Computer Center/Telephone Center, a full-line computer facility also offering advanced telecommunications equipment. Look us up in your phone book, then come in and visit.



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Features our TC-1000 19" Color TV/Monitor with stereo TV-sound, Model 41 VHS Hi-Fi stereo VCR with HQ and our System 1000 stereo ensemble, each with wireless remote. You also get our CD-2200 compact disc player, Optimus-1000 speakers, **\$1999** audio and video racks. *As low as \$92 per month. Complete system price:

TV measured diagonally, simulated reception.
Records and tapes not included.
*Revolving credit—see page 3.