

Cat. No. 15-1931  
**OWNER'S MANUAL**

---

## 3-in-One Easy Remote Control

Please read before using this equipment.



**RadioShack®**

## FEATURES

---

Your RadioShack 3-in-One Easy Remote Control can replace up to three infrared remote controls. You can use it to control your TV, VCR, or cable converter. Unlike some universal remote controls, your remote control is preprogrammed with the most commonly used commands and does not have to learn its commands from the original remote controls. All you have to do is tell it which TV, VCR, or cable converter's remote controls you want to replace (by entering 3-digit codes).

This manual includes a list of many manufacturers' 3-digit codes for TVs, VCRs, and cable converters.

Your remote control's features include:

**Powerful Infrared Beam** — so you can operate your remote-controlled devices from a greater distance than with many of the original remote controls.

**Glow-in-the-Dark Keys** — some of the remote control's keys glow so you can see them even in a dimly lit room.

**Handy Reference Label** — provides a convenient place for you to write down the manufacturers' codes for your devices.

**Convenient Keypad Design** — each key is positioned for easy operation.

**Toll Free Support** — you can get expert help for your remote control by calling **1-888-533-7135**.

**Note:** You need four AAA batteries (not supplied) to power your 3-in-One Easy Remote Control.

© 1998 Tandy Corporation.  
All Rights Reserved.

Plug 'n Power and RadioShack are registered trademarks  
used by Tandy Corporation.  
X-10 is a registered trademark of X-10 (USA) Inc.

---

*Need help? Call 1-888-533-7135*

# CONTENTS

---

---

<b>How the 3-in-One Works .....</b>	<b>4</b>
<b>Preparation .....</b>	<b>5</b>
Installing Batteries .....	5
Device Types .....	6
Setting Up Your Remote Control .....	6
<b>Operation .....</b>	<b>8</b>
Punch-Through .....	8
Turning Punch-Through Off/On .....	8
Favorite Channel Scan .....	9
Clearing Favorite Channel Scan .....	10
<b>If You Have Problems .....</b>	<b>11</b>
Manual Code Search .....	11
Determining the 3-Digit Code .....	12
Troubleshooting .....	12
<b>Manufacturers' Codes .....</b>	<b>13</b>
Cable Converters .....	13
Televisions .....	15
TV/VCR Combinations .....	20
VCRs .....	21
<b>Care and Maintenance .....</b>	<b>27</b>
<b>Specifications .....</b>	<b>28</b>

## HOW THE 3-IN-ONE WORKS

Your RadioShack 3-in-One Easy Remote Control was designed to control the most commonly used functions on your TV, VCR, and cable converter.

When you set up the remote control, its command keys work like the keys on your original remote controls. For example, the remote control's **PWR** key works like a key on your original remote control which might be labeled POWER ON/OFF.

Key	Function
<b>P</b>	Used in setting up your devices.
<b>PWR</b> , digit keys, <b>CH ▲</b> , <b>CH ▼</b> , <b>VOL ▲</b> , <b>VOL ▼</b> , <b>M</b> , <b>LAST</b>	Operate the same as the corresponding keys on your original remote control.
<b>VCR, CBL. TV</b>	Used when you set up the remote control to replace your original remote controls. Also used during normal operation to tell the remote control which device you want to control.
<b>SCAN</b>	Used to scan through a list of favorite channels.
<b>REC ●</b> , <b>PLAY ►</b> , <b>PAUSE ■■</b> , <b>◀ REW</b> , <b>■ STOP</b> , <b>▶ FF</b>	Control VCR functions and are used to select options and navigate in your TV or cable converter.

### Notes:

- Whenever you use **REC ●** on the remote control, you must press it twice. This safety feature helps you avoid accidentally recording over tapes.
- The remote control might not be able to duplicate some of your original remote control's seldom-used functions.

## PREPARATION

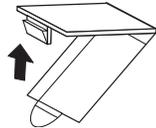
### INSTALLING BATTERIES

Your remote control requires four AAA batteries (not supplied) for power. For the best performance and longest life, we recommend alkaline batteries such as RadioShack Cat. No. 23-555.

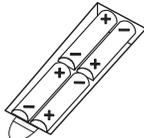
#### Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries.
- Do not press any of the remote control's keys while installing batteries.

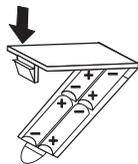
**Note:** The remote control's built-in memory back-up saves any programmed codes for about a minute after the batteries have been removed. We recommend you have fresh batteries ready to install as soon as you remove the old ones.



1. Press the battery compartment cover's tab and lift off the cover.



2. Place the batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.



3. Replace the cover.

When the remote control's range decreases or it stops operating properly, replace the batteries.

---

---

### Cautions:

- Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.
- Dispose of old batteries promptly and properly. Do not burn or bury them.

**Note:** Do not place objects on top of the remote control after you have installed the batteries. This can press keys for an extended period of time and reduce battery life.

## DEVICE TYPES

You can use the remote control's device keys to control the following general types of devices:

**TV** — TVs

**VCR** — VCRs and TV/VCR combinations

**CBL** — Cable converters

## SETTING UP YOUR REMOTE CONTROL

1. Refer to "Manufacturers' Codes" on Page 13 and write down the codes for your original remote controls on the supplied label.

### Notes:

- Some manufacturers have several codes listed. Try each until you find the right one. See "If You Have Problems" on Page 11 if you cannot find the correct code.
- If you want to set up your remote control to control a combination TV/VCR (such as Cat. No. 16-421 or 16-422), you must program the TV code for the TV functions *and* the VCR code for the VCR functions.

- 
- 
2. Press the device key for the type of remote you are replacing (**TV**, **VCR**, or **CBL**). The red light blinks.
  3. Hold down **P** until the red light blinks twice, then enter the 3-digit code.

For example, to replace a TV's remote control (manufacturer's code 185), press **TV**, hold down **P** until the red light blinks twice, then press **1**, **8**, and **5**.

When the red light blinks twice, the remote control has accepted the code.

**Note:** If the code you entered is invalid, the red light does not blink.

4. Point the remote control at your device and press **PWR**. Your device should turn off (or on, if it was off).

If the remote does not operate your device, try the other codes listed in "Manufacturers' Codes" on Page 13 for your brand of TV, VCR, cable converter, or other device.

5. Repeat Steps 2–4 for additional devices.

## OPERATION

---

1. Press the device key for the device you want to control, then point the remote control at the device and press **PWR** to turn the device on.
2. Repeat Step 1 for all other devices you want to operate.
3. Press the appropriate device key and the desired command keys.

**Note:** The command keys on the remote control work the same as the keys on the original remote control; however, the labeling might differ slightly.

4. To turn off the last device you selected, press **PWR**. To turn off other devices, press the device key for the device you want to turn off, then press **PWR**.

## PUNCH-THROUGH

The punch-through feature lets you alternately control two different devices without pressing the device keys for each one. Here's how it works.

Not all of the remote control's keys are used by every device. For example, a TV is often the only device that uses the volume keys. After you press **TV**, then press **VCR**, you can still use the volume control to control the TV.

**Note:** The punch-through feature might not work if the last two devices you selected have the same (or similar) features. For example, most TVs and some cable converters have channel select keys on their remote controls.

### Turning Punch-Through Off/On

If your cable box or VCR has a volume control, you might want to turn off punch-through so you can use the cable box's or VCR's volume control

---

to control the sound. To turn off punch-through, hold down **P** until the red light blinks twice, then press **9 9 3** and the device key.

If you want to control the volume through your cable box, press **CBL** before using the volume control. If you want to control the volume through your VCR, press **VCR** before using the volume control.

To turn punch-through back on, hold down **P** until the red light blinks twice, then press **9 9 3 VOL ▲**.

## FAVORITE CHANNEL SCAN

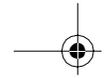
You can use your remote control to scan through up to 10 of your favorite channels on your TV, VCR, or cable box.

**Note:** You can scan channels only for one device (TV, VCR, or CBL) at a time. You cannot set up a favorite channel list for another device until you clear the existing list.

1. Press the device key for the device with the channels you want to program (**TV**, **VCR**, or **CBL**). The red light blinks.
2. Hold down **P** until the red light blinks twice, then press **9 9 6**.
3. Enter the channel number of the first channel you want to include in your favorite channel list. Then press **P**.

**Notes:**

- Precede a single-digit number with a 0 — for example, 01, 02, and so on.

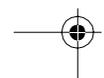


- If you enter a three-digit number, you do not need to press **P** after entering the number.
- 4. Repeat Step 3 for other channels (up to 10) you want to include in your list. Then hold down **P** until the red light blinks twice.
- 5. To scan through the favorite channel list, press the device key for the device you want to tune (**TV**, **VCR**, or **CBL**), then press **SCAN**. The remote control repeatedly scans through the favorite channel list, stopping on each channel for about 3 seconds.
- 6. Press any key other than **SCAN** when you see a channel you want to watch. Scanning stops.

### Clearing Favorite Channel Scan

You must clear the channels in your favorite channel scan list if you want to change them.

1. Hold down **P** until the red light blinks twice.
2. Press **9 9 6**, then hold down **P** until the red light blinks twice.



## **IF YOU HAVE PROBLEMS**

### **MANUAL CODE SEARCH**

If the 3-in-One Easy Remote Control does not operate your remote-controlled devices when you first set it up, you might have to manually find the correct code for your devices. You can try all the codes listed in "Manufacturers' Codes" on Page 13 for the brand of your device, or you can follow these steps to search the remote control's entire library.

1. Manually turn on the device you want to set up.
2. Press the corresponding device key (**TV**, **VCR**, or **CBL**).
3. Hold down **P** until the red light blinks twice, then press **9**, **9**, and **1**. The red light blinks twice again.
4. Aim the remote control at the device you want to operate.
5. Repeatedly press **PWR** then the device key for the device until it responds to the command.
6. When the device responds to the command, press **P** within 5 seconds to save the code.

**Note:** If you do not press **P** within 5 seconds, the remote control does not save the code.

- Because the remote control's library has so many codes, this procedure can take several minutes.
- If your device turns off during the search, but does not operate after you lock in the code, begin the search again, pausing longer between key presses.

If necessary, repeat these steps for each device.

---

---

## Determining the 3-Digit Code

After you set up your remote control using manual code search, you can find which 3-digit code the remote control is set to by following these steps.

1. Press the device key you want to get the manufacturer's code from, then hold down **P** until the red light blinks twice.
2. Press **9 9 0**. The red light blinks twice again.
3. Press **1** then count the number of times the red light blinks. This is the first digit of the 3-digit code.

**Note:** If the red light does not blink, the digit is a 0.

4. Repeat Step 3 twice to find the second and third numbers of your 3-digit manufacturer's code, pressing **2** and **3** respectively for each additional digit.

## TROUBLESHOOTING

If the remote control stops working after you have successfully tested the control for each device, or if you are unable to get the remote control to work at all, check these things:

- Be sure you press the device key for the device you want to control before you press any other key.
- Confirm that your remote control devices are working properly by using the original remote control or the manual controls.
- Replace the batteries.
- If some of the keys do not function for your device, you might be able to find a better device code.

---

*Need help? Call 1-888-533-7135*

## **MANUFACTURERS' CODES**

The following list tells you which 3-digit codes to enter to set up the remote control.

### **Notes:**

- The remote control might not have every command of your original remote controls.
- Use the supplied label to record the manufacturers' codes for your remote-controlled devices.
- A key on the remote control that has the same name as a key on your original remote control might have a slightly different function.

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>CABLE CONVERTERS</b>		
ABC	001, 003, 007, 011, 013, 014, 017	
Antronix	022	
Archer	022, 153	15-1285
	022, 153	15-1287
Cable Star	056	
Century	153, 618	
Citizen	153, 315	
Comtronics Eagle	008, 040	
Contec	019	
Daeryung	008	
Eagle	008	
Eastern	002	
Focus	400	
Funai	153	
GC Electronics	056	
Gemini	015	
General Instruments	003, 011, 014, 476	
Hamlin	009, 020, 034, 259	
Hitachi	003, 008, 011	
Hytex	007	
Jasco	153, 315	

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>CABLE CONVERTERS (Continued)</b>		
Jerrold	003, 011, 012, 014, 015, 476	
Millenium 3	618	
Memorex	525	
Movie Time	063, 156	
Novaplex	618	
NSC	063	
Oak	007, 019	
Omega	015	
Optimus	021	16-548
	021	16-631
Panasonic	021, 107	
Paragon	525	
Philips	025, 153	
Pioneer	144	
Popular Mechanics	400	
Pulsar	525	
PVP	003	
Quasar	525	
Quest	020, 144	
RCA	021	
Regal	020	
Regency	002, 020	
Rembrandt	022, 153	
Samsung	144	
Scientific Atlanta	008, 017, 477	
Sigma	019	
Signal	011, 015	
Signature	003, 011, 012, 014, 476	
Sprucer	021, 144	
Starcom	003, 014, 015	
Stargate	015	
Sylvania	001	
Tandy	258	
Telecaption	171	
Televue	063	
Tempest	015	

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>CABLE CONVERTERS (Continued)</b>		
Texscan	001	
Tocom	012, 013	
Toshiba	525	
TV86	063	
TV Comm	019	
Unika	022, 153	
United Artists	007	
United Cable	003, 011, 014, 476	
Universal	022, 056, 063, 153	
U.S. Electronics	003, 008, 017, 476	
Videoway	250, 525	
Viewstar	063, 258	
Wal-Mart	400	
Zenith	525	
Zentek	400	
<b>TELEVISIONS</b>		
Action	003, 030, 019, 185	
Admiral	016, 047, 093, 165, 180	
Aiko	092	
Akai	030, 056, 145, 151	
Amstrad	039, 171, 177	
Anam	055, 180	
Anam National	055	
AOC	003, 019, 030, 137, 185	
Audiovox	003, 092, 179, 180	
Bell & Howell	016, 093, 154	
Broksonic	177, 179, 180, 236, 463	
Candle	030, 046, 056, 186	
Capehart	003, 017, 030, 052, 178	
Carver	054	
Citizen	030, 039, 046, 054, 056, 060, 092, 180, 186, 280	
Concerto	056	
Contec	180, 185	

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
Craig	171, 180	
Crosley	020, 030, 054, 096, 171, 186, 187	
Crown	039, 093, 180	
Curtis Mathes	030, 039, 047, 054, 060, 154	
Daewoo	019, 039, 092, 451	
Daytron	019, 039, 056, 092	
Eaton	060	
Electrohome	000, 039, 056, 150, 154, 185	
Emerson	039, 177, 178, 179, 180, 185, 236, 280, 282, 463,	
Envision	030	
Fisher	154, 159	
Funai	171, 179, 180	
Futuretech	180	
GE	021, 027, 047, 051, 055, 135, 174, 178, 282, 451	
Goldstar	019, 030, 039, 056, 060, 178	
Granada	145, 151, 178	
Hallmark	019, 178, 179, 180, 236	
Hitachi	039, 056, 145, 151	
Ima	178, 179, 180, 236	
Infinity	054	
Inteq	017	
JVC	053	
Kamp	017, 019, 180, 185	
Kawasho	019, 030, 185	
KEC	180	
KLH	180	
Kloss	024, 030, 046	
KTV	039, 180, 185, 280	
Logik	016, 180, 236	
Lotus	282	
Luxman	056	

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
LXI	047, 054, 056, 146, 154, 156, 159	
MGA	030, 019, 150, 178	
Magnasonic	030, 054, 093, 156, 179	
Magnavox	020, 024, 030, 054, 096, 186, 187	
Marantz	030, 054	
Matsui	039, 177	
Megatron	003, 047, 145, 151, 178	
Memorex	030	16-254
	019	16-263
	178	16-280
Midlands	017, 039, 047, 051, 135	
Mitsubishi	019, 093, 150, 178	
MTC	019, 030, 056, 060	
Multitech	179, 180	
Nakamichi	154, 159	
NAD	019, 056, 156, 166, 178	
NEC	019, 030, 056	
Nikko	030, 092, 178	
Nyon	000	
Okron	019	
Omega	019	
Onwa	180	
Optimus	154	13-1283
	250	16-548
	250	16-631
	166	31-3031
	166	31-3033
	166	31-3038
Optonica	093, 165	
Orion	019, 177, 178, 180, 236, 463	
Panasonic	051, 054, 055, 250	

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
Penneys	019, 018, 021, 030, 039, 047, 051, 060, 135	
Philco	019, 020, 024, 030, 054, 096, 186, 187	
Philips	020, 054, 096, 186, 187	
Pilot	019, 030, 051, 060, 178	
Pioneer	055, 166	
Portland	019, 039, 092	
Proscan	047	
Proton	039, 178	
Pulsar	016, 017, 019, 092	
Quasar	051, 055, 250	
RadioShack	180	16-246A
	165	16-250
	030	16-255
	030, 178	16-256
	165	16-260
	030	16-265
	030, 178	16-268
	156	16-288
	178	16-289
180	16-292	
RCA	018, 019, 047, 093, 135, 174	
Realistic	165	16-232
	165	16-233
	039	16-234
	165	16-235
	165	16-235A
	165	16-236
	165	16-251
	180	16-252
	180	16-253
	180	16-262
154	16-299	
Sampo	030	

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
Samsung	019, 030, 039, 056, 060	
Sansui	019, 030, 060, 165	
Sanyo	146, 154, 159	
Scott	019, 177, 178, 179, 180, 236	
Sears	047, 054, 056, 146, 154, 156, 159, 178, 179	
Sharp	039, 093, 165	
Signature	016, 093, 154, 165, 178	
Simpson	030, 186, 187	
Sony	000, 080	
Soundesign	178, 179, 180, 186	
Spectracon	019, 030, 180	
Squareview	171, 179, 180	
SSS	019, 180, 236	
Supre-Macy	039, 046, 186	
Sylvania	020, 024, 030, 054, 096, 186, 187	
Symphonic	171, 179, 180	
Tandy	039, 093, 165	
Tatung	003, 051, 055	
TEAC	154, 159	
Technics	051, 054, 055, 250	
Techwood	051, 055, 056, 250	
Technovox	019, 030, 051, 055, 178	
Teknika	016, 019, 039, 056, 060, 092, 150, 179, 180, 186	
Tera	178	
Thomas	019, 039, 056, 178	
TMK	056, 177, 178, 180, 236	
Toshiba	060, 154, 156	
Tosonic	185	
Totevision	039	
Truetone	051, 055, 250	

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
Ultra	019, 039, 092, 451	
Universal	021, 027, 047, 135	
Vector Research	030	
Victor	053	
Video Concepts	186, 187	
Vidtech	019, 178	
Viking	046	
Wards	016, 019, 020, 021, 027, 030, 054, 093, 096, 165, 178, 179, 187	
Weltron	019, 178	
XR100	171, 179, 180, 236	
Yamaha	019, 030	
York	030	
Zenith	016, 017, 092	
Zonda	003	
<b>TV/VCR COMBINATIONS</b>		
<b>Note:</b> <i>These codes are accessed through the VCR device key. You might also need to use a TV code to control volume.</i>		
Daewoo	278	
Emerson	002, 294, 479	
Funai	000	
Goldstar	037	
Harley-Davidson	000	
Hitachi	000, 035, 042	
Magnavox	000, 035	
Magnin	037	
Memorex	000	16-410
	000	16-411
	037	16-412
	240 (TV: 060)	16-655
MGN	240	
Optimus	000, 325	16-420
	162, 454 (TV: 250)	16-421
	162, 454 (TV: 250)	16-422
Orion	002, 479	

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>TV/VCR COMBINATIONS (Continued)</b>		
Panasonic	035, 162	
Quasar	035, 162	
RadioShack	037	16-415
	000, 325	16-417
RCA	035, 048	
Samsung	240	
Shintom	000, 002, 479	
Symphonic	000	
Totevision	037	
Zenith	000	
<b>VCRs</b>		
Action	317	
Aiwa	000, 037, 307, 315, 406, 468	
Akai	041, 061	
Akiba	072	
Akura	271	
Alba	020, 209, 278, 295	
Ambassador	020	
Amstrad	000, 325	
Anam	162, 240, 454	
Anitech	072	
Baird	000, 041, 104	
Basic Line	020, 072	
Beaumarck	240	
Bell & Howell	035, 048, 104	
Broksonic	121, 184, 211, 361, 479	
Bush	072, 209, 278	
Canon	035	
Capehart	020	
Carver	035, 081, 110	
Craig	047, 072, 240, 271	
Criterion	072	
Crosley	035, 081	
Crown	020, 072, 278	
Curtis Mathes	035, 060, 162	

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Daewoo	020, 045, 278	
Daytron	020, 278	
Dynatech	000, 072, 240	
Electrohome	000, 037, 043, 061, 240	
Emerson	000, 002, 037, 061, 121, 184, 208, 209, 211, 278, 479	
Fisher	046, 047, 054, 066, 104	
Funai	000, 072, 278	
GE	060, 202, 035	
Garrard	000	
Go Video	232, 240	
Goldstar	037, 038	
Harley Davidson	000	
Harman Kardon	038	
Harwood	072	
Hitachi	000, 041, 042	
Jensen	041, 067	
JVC	008, 041, 042	
Kenwood	008, 038, 041, 046, 067	
Lloyd	000, 038, 072, 240	
Logik	000, 072	
LXI	000, 037	
Magnasonic	037, 240, 278	
Magnavox	035, 039, 081, 110, 149	
Magnin	240	
Marantz	035, 038, 081	
Marta	037	
Matsushita	035, 162	
MEI	035	
Memorex	000	16-406
	037	16-413
	037	16-414
	000	16-517
	104	16-523

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>VCRs (Continued)</b>		
Memorex (continued)	037	16-524
	104	16-525
	104	16-526
	046, 104	16-529
	046, 104	16-530
	048	16-531
	240	16-533
	037	16-534
	104	16-536
	048	16-618
	104	16-619
	104	16-620
	048	16-622
	104	16-623
	035	16-705
	307	16-706
MGA	043, 061, 173	
Minolta	042	
Mitsubishi	043, 061, 173	
Movie Walker	072	
MTC	000, 240	
Multitech	000, 072	
NEC	008, 038, 041, 067	
Nikko	037, 278	
Optimus	104	13-1283
	037	16-419
	037	16-535
	104	16-537
	048	16-538
	048	16-539
	048	16-540
	240	16-541
	048	16-542
	048	16-543
	048	16-544
	048	16-546
	162, 454	16-547

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Optimus (continued)	162, 454	16-548
	046	16-600
	046	16-601
	104	16-617
	037	16-624
	104	16-625
	048	16-627
	048	16-628
	162, 454	16-630
	162, 454	16-631
Optonica	048, 062	
Orion	002, 121, 184, 209, 479	
Panasonic	035, 081, 110, 162, 225, 454	
Penney	035, 037, 042, 038, 240	
Pentax	042	
Philco	035, 062, 081, 110	
Philips	035, 062, 081, 110	
Pilot	037	
Portland	020	
Pulsar	039, 046, 278	
Quartz	046	
Quasar	035, 081, 110, 162, 454	
RCA	035, 042, 048, 060, 149, 202	
Realistic	000	16-404
	037	16-408
	035	16-472
	000	16-505
	047	16-506
	037	16-507
	000	16-508
	000	16-510
	047	16-511
	047	16-512

*Need help? Call 1-888-533-7135*

Manufacturer	Code(s)	RadioShack Cat. No.
<b>VCRs (Continued)</b>		
Realistic (continued)	047	16-513
	240	16-514
	047	16-515
	047	16-516
	047	16-518
	000	16-519
	104	16-520
	104	16-521
	000	16-522
	104	16-563
	062	16-610
	048	16-611
	048	16-612
	047	16-613
	047	16-614
	047	16-615
	048	16-616
	104	16-617
	035	16-651
	047	16-652
	048	16-653
	062	16-700
	048	16-701
048	16-702	
000	16-703	
000	16-704	
Ricoh	034, 035	
Runco	039	
Samsung	038, 045, 240	
Sansui	008, 041, 067, 271	
Sanyo	046, 047, 054, 066, 104, 240	
Scott	045, 121, 184, 210, 479	
Sears	000, 037, 042, 046, 047, 054, 066, 104	
Sharp	048, 062	
Shintom	072	

*Need help? Call 1-888-533-7135*

<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Shogun	240	
Sony	032, 033, 034	
STS	042	
Sylvania	000, 035, 043, 081, 110	
Symphonic	000, 325	
Tatung	000, 041, 048, 067, 081	
TEAC	000, 041, 067	
Technics	000, 035, 081, 110, 162, 454	
Teknika	000, 035, 037	
Thomas	000, 002, 035, 037	
Tosonic	000	
Toshiba	043, 045, 066	
Totevision	037, 240	
Ultra	020, 045, 278	
Unitech	240	
Vector Research	038	
Victor	008, 067	
Video Concepts	061	
Videosonic	240	
Videotronic	035	
Viewmax	037, 000	
Wards	000, 035, 042, 047, 048, 062, 072, 149, 240	
XR-1000	000, 035, 072, 208, 240	
Yamaha	038, 041	
York	000	
Zenith	032, 033, 034, 039	

*Need help? Call 1-888-533-7135*

## CARE AND MAINTENANCE

Your RadioShack 3-in-One Easy Remote Control is an example of superior design and craftsmanship. The following suggestions will help you care for your remote control so you can enjoy it for years.



Keep the remote control dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Handle the remote control gently and carefully. Dropping it can damage circuit boards and cases and can cause the remote control to work improperly.



Use and store the remote control only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the remote control away from dust and dirt, which can cause premature wear of parts.



Wipe the remote control with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the remote control.

Modifying or tampering with the remote control's internal components can cause a malfunction and invalidate your remote control's warranty. If your remote control is not performing as it should, take it to your local RadioShack store for assistance.

## SPECIFICATIONS

Power ..... 4 AAA Batteries  
IR Control Range ..... 25 Feet (7.5 M)  $\pm 30^\circ$   
Dimensions (HWD) .....  $1\frac{1}{8} \times 1\frac{13}{16} \times 6\frac{3}{8}$  Inches  
(28.2  $\times$  44.2  $\times$  128 mm)  
Weight (Without Batteries) ..... 2.3 oz. (84 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lighting or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W,  
100 Throckmorton St., Suite 600,  
Fort Worth, TX 76102

*We Service What We Sell*

3/97