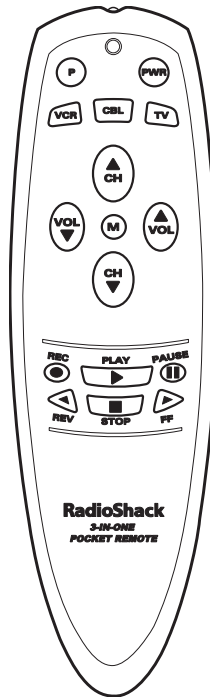


Cat. No. 15-1930  
**OWNER'S MANUAL**

**3-in-One Pocket Remote Control**

Please read before using this equipment.



**RadioShack®**

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## FEATURES

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Your RadioShack 3-in-One Pocket 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 4-digit codes).

This manual includes a list of many manufacturers' 4-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 two AAA batteries (not supplied) to power your 3-in-One Pocket Remote Control.

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## HOW THE 3-IN-ONE WORKS

Your RadioShack 3-in-One Pocket 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, CH ▲, CH ▼, VOL ▲, VOL ▼, M</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>REC ●, PLAY ►, PAUSE ■■, ◀ REW, ■ STOP, ▶ 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.

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## PREPARATION

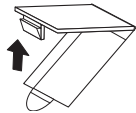
### INSTALLING BATTERIES

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

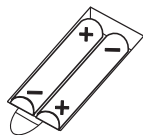
#### Cautions:

- 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.

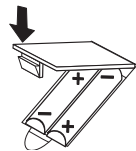
**Note:** The remote control's built-in memory backup saves any programmed codes for about a minute after the batteries have been removed. We recommend you have fresh batteries ready to install as soon as you remove the old ones.



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.

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### 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 12 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 10 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.

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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 4-digit code using the keys shown here:

Press	To Enter This Number
<b>CH ▲</b>	1
<b>VOL ▼</b>	2
<b>VOL ▲</b>	3
<b>CH ▼</b>	4

For example, to replace a TV's remote control (manufacturer's code 1433), press **TV**, hold down **P** until the red light blinks twice, then press **CH ▲**, **CH ▼**, **VOL ▲**, and **VOL ▲**.

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 12 for your brand of TV, VCR, cable converter, or other device.

5. Repeat Steps 2–4 for additional devices.

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## OPERATION

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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. Point the remote control toward the device you want to control, then 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.

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### 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 **CH ▼**, **CH ▼**, and **VOL ▼**.

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 **CH ▼**, **CH ▼**, and **VOL ▼**.

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## **IF YOU HAVE PROBLEMS**

### **MANUAL CODE SEARCH**

If the 3-in-One Pocket 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 12 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 **CH ▼** three times. 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.

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## 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 keys do not function for your device, you might be able to find a better device code.

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## **MANUFACTURERS' CODES**

The following list tells you which 4-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	3332, 3334, 3322, 3321, 3313, 3311, 3314, 3342	
American	3211	
Antronix	3232, 3132	
Arbatron	3334, 3122, 3313, 3314	
Archer	3232	15-1285
	3132	15-1285A
	3244	15-1287
Belcor	3212	
Cable Star	3212	
Cabletenna	3232	
Cableview	3232	
Century	3244	
Citizen	3244	
Colour Voice	3223, 3222	
Comtronics Eagle	3224, 3211	
Contec	3341	
Dae Ryung	3321	
Eagle	3321	
Eastern	3331	
Emerson	3244	
Everquest	3343	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>CABLE CONVERTERS (Continued)</b>		
Garrard	3244	
GC Electronics	3212, 3132	
GE	3233	
Gemini	3343, 3243	
General Instruments	3334, 3313, 3314, 3122	
Goldstar	3224, 3241	
Hamlin	3324, 3344, 3221, 3134, 3123	
Hitachi	3313	
Hytex	3322	
Jasco	3244	
Jerrold	3334, 3313, 3312, 3314, 3343, 3234, 3122	
Memorex	3333	
Movie Time	3214, 3133	
NSC	3214, 3243, 3133	
Oak	3322, 3341	
Omega	3343	
Optimus	3233	16-548
	3233	16-631
Panasonic	3333, 3233, 3242	
Paragon	3333	
Philips	3223, 3222, 3244	
Pioneer	3231, 3241, 3112	
Prism	3312, 3311	
Pulsar	3333	
Quest	3344, 3241	
RCA	3233	
Realistic	3132	16-1283
Regal	3344, 3134, 3123	
Regency	3331	
Rembrandt	3313, 3243	
Runco	3333	
Samsung	3224, 3241	
Scientific Atlanta	3323, 3321, 3342, 3121	
Seam	3124	

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>CABLE CONVERTERS (Continued)</b>		
Sigma	3341	
Signal	3343, 3224	
Signature	3313	
SL Marx	3224	
Sprucer	3233	
Starcom	3334, 3343	
Stargate	3343, 3224	
Starquest	3343	
Sylvania	3332	
Tandy	3131	
Televue	3224	
Texscan	3332	
Tocom	3312, 3311	
Toshiba	3333	
Tusa	3343	
TV86	3214	
Unika	3232, 3244, 3132	
United Artists	3322	
United Cable	3334	
Universal	3232, 3212, 3244, 3132	
U.S. Electronics	3334, 3321, 3342, 3122, 3121	
Viewstar	3211, 3214, 3131	
Videoway	3333	
Zenith	3333, 3213, 3113	
Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS</b>		
A-Mark	3332	
Abex	3341	
Accuscan	3231	
Admiral	3244, 3114	
Adventura	3232	
Aiko	3241	
Akai	3342, 3213	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
Alleron	3432, 3423	
Ambassador	3144	
Americana	3212, 3122	
Anam	3211, 3431	
Anam National	3224	
AOC	3332, 3321, 3342, 3223, 3422	
Audiovox	3332, 3431	
Bay Crest	3321, 3114	
Belcor	3321	
Beaumarck	3323	
Bell & Howell	3334, 3244, 3124	
Bradford	3431	
Brockwood	3321	
Broksonic	3332, 3412, 2332	
Candle	3342, 3232, 3213, 3421	
Capehart	3223	
Carver	3221	
CCE	3413	
Celebrity	3333	
Citizen	3342, 3233, 3232, 3213, 3212, 3241, 3421, 3443	
Clairtone	3422	
Concerto	3213	
Conic	3341	
Contec	3112, 3431, 3422	
Craig	3431	
Crosley	3221	
Crown	3233, 3431	
Curtis Mathes	3342, 3233, 3212, 3142, 3444	
CXC	3431	
Daewoo	3321, 3233, 3241, 2333	
Daytron	3321, 3213	
Dumont	3323, 3321	
Electroband	3333, 3422	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
Electrohome	3122, 3441	
Emerson	3321, 3344, 3233, 3124, 3112, 3144,	
Emerson (continued)	3433, 3432, 3431, 3434, 3422, 3412, 3443, 3442, 2332	
Encor	3341	
Envision	3342	
Fisher	3124, 3111	
Fujitsu	3432	
Funai	3142, 3432, 3431	
Futuretech	3431	
GE	3313, 3311, 3343, 3231, 3234, 3224, 3132, 3141, 3433, 3442, 2333	
Gibraltar	3323, 3321, 3342	
Goldstar	3321, 3342, 3341, 3213, 3433	
Granada	3131, 3121	
Grundy	3432, 3431	
Grunpy	3432, 3431	
Hallmark	3433	
Harley Davidson	3333, 3212	
Harmon/Kardon	3214	
Harvard	3211, 3431	
Hitachi	3341, 3344, 3213, 3131, 3121	
Ima	3431	
Infinity	3221	
Janeil	3232	
JBL	3221	
JCB	3333	
JVC	3222, 3434	
Kamp	3321, 3342, 3112	
Kawasho	3112	
Kaypanl	3223	
Kenwood	3321, 3342	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
KLH	3211, 3431	
Kloss Novabeam	3312, 3214	
Kloss	3312, 3232, 3214	
KMC	3341	
KTV	3342, 3233, 3431, 3423, 3422, 3413, 3443	
Lloyds	3432, 3431, 3412	
Logik	3334	
Luxman	3213	
LXI	3231, 3221, 3124, 3113, 3433	
Magnasonic	3221, 3244, 3113, 3432	
Magnavox	3342, 3221, 3133, 3421, 3424	
Majestic	3334	
Marantz	3342, 3221	
Matsui	3413	
Megatron	3332, 3131, 3433	
MEI	3422	
Memorex	3342	16-254
	3321	16-263
	3433	16-280
MGA	3342, 3122, 3433	
Midland	3323, 3233, 3231, 3234, 3132, 3341	
Minutz	3313, 3311	
Mitsubishi	3321, 3122, 3433	
Motorola	3224, 3244	
MTC	3321, 3342, 3213, 3212, 3422	
Memorex	3342	16-254
	3433	16-280
Multitech	3431, 3413	
NAD	3113, 3143, 3433	
NEC	3321, 3342, 3213	
Nikko	3241, 3433	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
NTC	3241	
Okron	3321	
Onwa	3431	
Optimus	3124	13-1283
	3411	16-422
	3411	16-548
	3411	16-631
	3143	31-3031
	3143	31-3033
	3143	31-3038
Optonica	3244, 3114	
Orion	3412, 2332	
Oritron	3332, 3431	
Panasonic	3234, 3221, 3224, 3411	
PCE	3212, 3113	
Penney	3332, 3322, 3321, 3313, 3311, 3342, 3341, 3233, 3231, 3234, 3212, 3132, 3123, 3113, 3432	
Performance	3333	
Philco	3321, 3342, 3221, 3133	
Philips	3221, 3133	
Pilot	3321, 3342, 3233	
Pioneer	3344, 3143	
Portland	3321, 3233, 3241	
Priceclub	3212	
Prism	3234	
Proscan	3231	
Proton	3332, 3223, 3433	
Pulsar	3323	
Pulser	3321	
Quasar	3234, 3224, 3411	
RadioShack	3341	16-230
	3114	16-232
	3114	16-233
	3233	16-234

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
RadioShack (continued)	3114	16-236
	3431	16-246A
	3114	16-250
	3114	16-251
	3431	16-252
	3431	16-253
	3342	16-255
	3342, 3433	16-256
	3114	16-260
	3431	16-262
	3342	16-265
	3342, 3433	16-268
	3113	16-288
	3433	16-289
	3431	16-292
RCA	3322, 3321, 3343, 3231, 3242, 3244, 3132, 3141, 3414	
Realistic	3341	16-230
	3114	16-232
	3114	16-233
	3233	16-234
	3114	16-235
	3114	16-235A
	3114	16-236
	3114	16-251
	3431	16-252
	3431	16-253
	3431	16-262
3124	16-299	
Rhapsody	3423, 3422	
Runco	3323, 3342	
Sampo	3341, 3233, 3223	
Samsung	3321, 3342, 3341, 3213, 3212, 3433	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TELEVISIONS (Continued)</b>		
Samsux	3233	
Sansui	3342, 3212, 3114	
Sanyo	3134, 3124, 3111	
Scimitsu	3321	
Scotch	3433	
Scott	3321, 3433, 3431, 3412	
Sears	3231, 3221, 3213, 3134, 3123, 3124, 3113, 3111, 3142, 3433, 3432	
Sharp	3233, 3244, 3114	
Shogun	3321	
Signature 2000	3334, 3244	
Simpson	3421, 3424	
Sony	3333, 3331, 3243	
Soundesign	3433, 3432, 3431, 3421	
Spectricon	3332	
Squareview	3142	
SSS	3321, 3431	
Starlite	3431	
Supre-Macy	3232	
Supreme	3333	
Sylvania	3221, 3133, 33142	
Symphonic	3142	
Tatung	3332, 3224	
Technics	3234, 3411	
Technol Ace	3432	
Techwood	3332, 3234, 3213	
Teknika	3334, 3321, 3233, 3221, 3233, 3212, 3241, 3122, 3432, 3431, 3421	
Thomas	3213, 3433	
TMK	3213, 3144, 3433	
Toshiba	3212, 3123, 3113	
Tosonic	3422	
Totevision	3233	
Truetone	3234, 3224, 3411	

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>TELEVISIONS (Continued)</b>		
Universal	3313, 3311	
Wards	3334, 3321, 3324, 3313, 3311, 3314, 3343, 3342, 3221, 3213, 3243, 3133, 3114, 3141, 3433, 3432	
Vector Research	3342	
Victor	3222	
Vidikron	3221	
Vidtech	3321, 3433	
Viking	3232	
Wellton	3321, 3433	
Yamaha	3321, 3342	
York	3342	
Zenith	3334, 3323, 3241	
Zonda	3332	
<b>TV/VCR COMBINATIONS</b>		
<i>Note: These codes are accessed through the VCR device key. You might also need to use a TV code to control volume.</i>		
Daewoo	3334, 3344, 3431	
Emerson	3333, 3332, 3313, 3341, 3224, 3214, 3244, 3134, 3113, 3111, 3114, 3143, 3142, 3431, 3423, 3422, 3424	
Funai	3333, 3421	
Goldstar	3313, 3312	
Harley Davidson	3333	
Hitachi	3333, 3343, 3342, 3132, 3121	
Magnavox	3324, 3311, 3241, 3123	
Magnin	3433	
Memorex	3333	16-410
	3333	16-411
	3313	16-412
	3433 (TV: 3212)	
MGN	3433	
Optimus	3333, 3421	16-420

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>TV/VCR COMBINATIONS (Continued)</b>		
Optimus (continued)	3122 (TV: 3411)	16-421
	3122 (TV: 3411)	16-422
Orion	3113, 3431, 3422	
Panasonic	3242, 3244, 3122, 3141	
Quasar	3324, 3242, 3122	
RadioShack	3313	16-415
	3333, 3421	16-417
RCA	3342, 3231, 3221, 3242, 3132, 3131, 3123, 3112	
Samsung	3344, 3234, 3433	
Shintom	3243	
Symphonic	3333, 3421	
Totevision	3313, 3433	
Zenith	3323, 3322, 3321, 3311	
<b>VCRs</b>		
Adventura	3333	
Aiko	3431	
Aiwa	3333	
Akai	3343, 3234, 3224, 3131	
American High	3324	
Asha	3433	
Audiovox	3313	
Avis	3333, 3243	
Beaumark	3433	
Bell & Howell	3133	
Broksonic	3134, 3113, 3143, 3431, 3422, 3424	
Calix	3313	
Canon	3324	
Calin	3313, 3312	
Candle	3313, 3431	
Capehart	3334	
Carver	3241	
CCE	3243, 3431	
Citizen	3313, 3431	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Colortime	3324, 3221, 3431	
Colt	3243	
Craig	3313, 3232, 3243, 3433, 3432	
Crosley	3324, 3241	
Curtis Mathes	3324, 3343, 3221, 3112	
Cybernex	3433	
Daewoo	3334, 3344, 3431	
Daytron	3334	
Dynatech	3333	
Electrohome	3313	
Electrophonic	3313	
Emerex	3323, 3322, 3321	
Emerson	3333, 3332, 3313, 3341, 3224, 3214, 3244, 3134, 3113, 3111, 3114, 3143, 3142, 3431, 3423, 3422, 3424	
Fisher	3232, 3223, 3212, 3133	
Fuji	3322, 3324	
Funai	3333, 3421	
GAB	3243	
Garrard	3333, 3421	
GE	3324, 3221, 3112	
Go Video	3144, 3433, 3434	
Goldstar	3313, 3312	
Gradiente	3333	
Harley Davidson	3333	
Harman/Kardon	3312	
Harvard	3243	
Harwood	3214, 3243	
Headquarter	3233	
HI-Q	3232	
Hi Point	3134, 3113, 3142	
Hitachi	3333, 3341, 3342, 3132, 3121	

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>VCRs (Continued)</b>		
Jensen	3343, 3211	
JVC	3331, 3343, 3211	
KEC	3313, 3431	
Kenwood	3331, 3312, 3343, 3211	
KLH	3243	
Kodak	3324, 3313	
Lloyd	3333, 3111	
Logik	3243	
LXI	3333, 3313	
Magnasonic	3313, 3433, 3431	
Magnavox	3324, 3311, 3241, 3123	
Magnin	3433	
Marantz	3324, 3241	
Marta	3313	
Matsushita	3324, 3122	
MEI	3324	
Memorex	3333	16-406
	3333	16-410
	3333	16-411
	3313	16-412
	3313	16-414
	3333	16-517
	3133	16-523
	3313	16-524
	3133	16-525
	3133	16-526
	3233, 3133	16-529
	3233, 3133	16-530
	3231	16-531
	3433	16-533
	3313	16-534
	3133	16-536
	3231	16-618
3133	16-619	
3133	16-620	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Memorex (continued)	3233	16-621
	3231	16-622
	3133	16-623
	3433	16-655
	3324	16-705
MGA	3341, 3224	
MGN Technology	3433	
Minolta	3342, 3132	
Mitsubishi	3331, 3341, 3224, 3211, 3124	
Motorola	3324, 3231	
Movie Walker	3243	
MTC	3333, 3433	
Multitech	3333, 3243	
NAD	3222	
NEC	3331, 3312, 3314, 3343, 3211, 3133	
Nikko	3313	
Noblex	3433	
Olympus	3324	
Optimus	3133	13-1283
	3313	16-413
	3313	16-419
	3122	16-421
	3122	16-422
	3313	16-534
	3313	16-535
	3133	16-536
	3133	16-537
	3231	16-538
	3231	16-539
	3231	16-540
	3433	16-541
	3231	16-542
	3231	16-543

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>VCRs (Continued)</b>		
Optimus (continued)	3231	16-544
	3231	16-546
	3122	16-547
	3122	16-548
	3233	16-600
	3233	16-601
	3133	16-617
	3313	16-624
	3133	16-625
	3231	16-627
	3231	16-628
	3122	16-630
	3122	16-631
	3222	31-3023
	3222	31-3029
	3222	31-3030
	3222	31-3031
	3222	31-3032
	3222	31-3033
3222	31-3037	
3222	31-3038	
Optonica	3213	
Orion	3113, 3431, 3422	
Panasonic	3324, 3242, 3122, 3141	
Penney	3324, 3313, 3312, 3314, 3342, 3223, 3121, 3433	
Pentax	3342, 3132	
Philco	3324	
Philips	3324, 3241	
Pilot	3333, 3313	
Pioneer	3331, 3222, 3211	
Portland	3334	
Protec	3243	
Pulsar	3311	
Quarter	3233	

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Manufacturer	Code(s)	RadioShack Cat. No.
<b>VCRs (Continued)</b>		
Quartz	3233	
Quasar	3324, 3242, 3122	
RadioShack	3313	16-415
	3333, 3421	16-417
Radix	3313	
Randex	3313	
RCA	3342, 3231, 3221, 3242, 3132, 3131, 3123, 3112	
Realistic	3333	16-404
	3313	16-408
	3324	16-472
	3333	16-505
	3232	16-506
	3313	16-507
	3333	16-508
	3333	16-510
	3232	16-511
	3232	16-512
	3232	16-513
	3433	16-514
	3232	16-515
	3232	16-516
	3232	16-518
	3333	16-519
	3144	16-520
	3133	16-521
	3333	16-522
	3231	16-546
	3122	16-547
	3122	16-548
	3133	16-563
	3233	16-600
3233	16-601	
3213	16-610	
3231	16-611	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
Realistic (continued)	3231	16-612
	3232	16-613
	3232	16-614
	3232	16-615
	3231	16-616
	3133	16-617
	3324	16-651
	3232	16-652
	3231	16-653
	3213	16-700
	3231	16-701
	3231	16-702
	3333	16-703
	3333	16-704
Ricoh	3323, 3322, 3321	
Runco	3311	
Samsung	3344, 3434, 3433	
Sanky	3311, 3231	
Sansui	3331, 3343, 3211	
Sanyo	3233, 3232, 3133, 3143	
Scott	3341, 3344, 3134, 3113, 3143, 3142	
Sears	3333, 3313, 3324, 3342, 3233, 3232, 3223, 3212, 3133, 3132	
Sharp	3231, 3213	
Shintom	3243	
Shogun	3433	
Signature	3324, 3313	
Singer	3243	
Sony	3323, 3322, 3321, 3324	
Soundesign	3333	
STS	3342, 3132	
Sylvania	3324, 3341, 3241	
Symphonic	3333, 3421	
Tatung	3343	

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<b>Manufacturer</b>	<b>Code(s)</b>	<b>RadioShack Cat. No.</b>
<b>VCRs (Continued)</b>		
TEAC	3333, 3343	
Technics	3324, 3122	
Teknika	3333, 3324, 3313	
TMK	3111, 3433	
Toshiba	3341, 3344, 3212, 3142	
Totevision	3313, 3433	
Unitech	3433	
Vector	3344	
Vector Research	3312, 3314	
Victor	3343, 3211	
Video Concepts	3314, 3344, 3224	
Videosonic	3433	
Wards	3333, 3324, 3342, 3232, 3231, 3221, 3213, 3243, 3132, 3123, 3112, 3142, 3433	
XR-1000	3333, 3324, 3243	
Yamaha	3312	
Zenith	3323, 3322, 3321, 3311	

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## CARE AND MAINTENANCE

Your RadioShack 3-in-One Pocket 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.

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## **SPECIFICATIONS**

Power ..... 2 AAA Batteries

IR Control Range ..... 25 Feet (7.5 M)  $\pm 30^\circ$

Dimensions (HWD) .....  $1\frac{1}{8}$   $\times$   $1\frac{13}{16}$   $\times$   $5\frac{1}{16}$  Inches  
(28.2  $\times$  44.2  $\times$  128 mm)

Weight (Without Batteries) ..... 7.9 oz. (223 g)

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

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### 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, lightning 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.,  
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