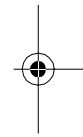
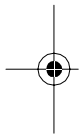




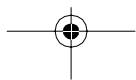
Cat. No. 15-1925
OWNER'S MANUAL

6 in 1 IR/RF Remote Control

Please read before using this equipment.



RadioShack[®]



FEATURES

Your RadioShack 6 in 1 IR/RF Remote Control comes with an RF command console that allows you to send commands to most IR (infrared)-controlled devices from any room in your home, up to 100 feet away. You can use it to control your TV, VCR, cable box, and even lights and appliances with Plug 'n Power modules (not supplied).

The 6 in 1 IR/RF Remote Control is preprogrammed. All you have to do is tell it which TV, VCR, or other component's remote controls you want to replace (by entering 3-digit codes), and it is automatically ready to operate most of the same functions as the original remotes.

This manual includes a list of 3-digit manufacturer's codes for TVs, VCRs, cable converters, compact disc players, satellites, and other popular remote-controlled devices.

The 6 in 1 IR/RF Remote Control's features include:

IR (Infrared) and RF (Radio-Frequency) Commands — use the remote control with the system's RF command console to control your IR remote-controlled devices from up to 100 feet away, even through walls.

Reassignable Device Keys — so you can control more than one of the same type of device (two VCRs, for example).

Fast Search — when you control more than one of the same type of device, lets you quickly search all programmed manufacturers' codes for that type of device until you find the code for the specific device you want to use.

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Channel Scan — lets you scan through all the available channels on your TV, VCR, or cable box, stopping at each one for about 3 seconds.

Favorite Channel Scan — lets you set up the remote to scan through a list of up to 10 channels you select.

Programmable Sequence Command — lets you press a single key to send a set of commands.

Lighted Keypad — lets you use the 6 in 1 even in a dark or dimly lit room.

Plug 'n Power Functions — allow you to operate your Plug 'n Power modules with your remote and an optional IR controller (RadioShack Unlimited No. 10037703).

Powerful Infrared Beam — uses UHF radio frequencies to go through walls, so you can operate your remote-controlled devices from a greater distance than many original remote controls — up to 100 feet!

Convenient Keypad Design — each key is in the perfect position for easy operation.

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

Toll Free Support and Telephone Programming — you can get expert help for your 6 in 1 IR/RF Remote Control by calling **1-800-950-7044**. You can even have the manufacturer's codes for your remote-controlled devices programmed into your remote control by phone!

Note: You need four AAA batteries (not supplied) to power your 6 in 1 IR/RF Remote Control.

Need help? Call 1-800-950-7044

CONTENTS

| | |
|---|-----------|
| How the System Works | 5 |
| Preparation | 7 |
| Installing Batteries | 7 |
| Setting Up the 6 In 1's RF Command Console .. | 8 |
| Lighting the Keys | 8 |
| Setting Up Your Remote Control | 9 |
| Using Two or More Similar Devices | 10 |
| Operation | 12 |
| Using the 6 In 1's RF Command Console | 12 |
| Channel Scan | 12 |
| Favorite Channel Scan | 13 |
| Setting Favorite Channel Scan | 13 |
| Using Favorite Channel Scan | 14 |
| Clearing Favorite Channel Scan | 14 |
| Command Sequences | 15 |
| Setting a Sequence | 15 |
| Erasing a Sequence | 15 |
| Punch-Through | 16 |
| Using Punch-Through | 16 |
| Turning Punch-Through On and Off | 16 |
| Using the Sleep Timer | 17 |
| Controlling Lights and Appliances | 17 |
| If You Have Problems | 20 |
| Manual Code Search | 20 |
| Determining the 3-Digit Code | 21 |
| Troubleshooting | 22 |
| Downloading Updated Code Information | 22 |
| Fast Search | 24 |
| Manufacturers' Codes | 26 |
| Audio Amplifiers | 26 |
| Audio Amp/Tuners | 27 |
| Audio Cassette | 29 |
| Cable Converters | 31 |
| CD Players | 32 |
| Home Automation | 36 |
| Laser Disc Players | 36 |
| Miscellaneous Audio | 37 |
| Satellite Receivers | 37 |
| Televisions | 38 |
| TV/VCR Combinations | 43 |
| VCRs | 43 |
| Video Accessories | 49 |
| FCC Caution | 50 |
| Care and Maintenance | 51 |
| Specifications | 52 |


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HOW THE SYSTEM WORKS

Your RadioShack 6 in 1 IR/RF Remote Control was designed with the functions used most often to operate TV, VCR, cable converter, CD player, satellite receiver, and audio equipment.

The 6 in 1 IR/RF Remote Control comes with an RF command console, which receives radio frequency signals from the 6 in 1 and converts them into infrared signals to control your devices. The console is set up in the same room as the devices you want to control, but you can take the remote farther away, even into another room.

When you set up the 6 in 1 IR/RF Remote Control, its command keys work like the keys on your original remote controls. For example, the 6 in 1 IR/RF Remote Control's **PWR** key works like a key on your original remote control which might be labeled POWER ON/OFF.

| Key | Function |
|---|--|
| SET UP | Used in setting up your devices. |
|  | Lights your keypad for use in dark or dimly lit rooms. |
| PWR, digit keys, CH, VOL, ENTER, LAST, PROG, SLEEP, DISPLAY, MUTE | Operate the same as the keys on your original remote control. |
| CD, VCR, CBL, TV, AUX1, AUX2, Plug'n Power | Use these device keys when you set up the 6 in 1 to replace your original remote controls. You also use the device keys during normal operation to tell the 6 in 1 which device you want to control. |
| TV/VCR | Operates the same as the TV/VCR key on your original remote control. |
| SCAN | Allows you to easily browse through channels on your TV, VCR, or cable box. |

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| Key | Function |
|---|--|
| AUDIO SEQ, VIDEO SEQ | These keys are for special sequences that you set up. |
| SURROUND, SHIFT | These keys are for controlling your Surround Sound system and other similar devices. |
| RECORD, PAUSE, PLAY▶, REW◀, FF▶▶, STOP n | These keys control VCR functions. In addition, these keys are used to select options and navigate in your Surround Sound system, satellite system, or other similar devices. |

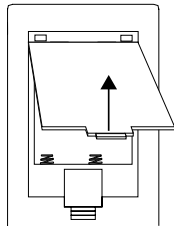
Notes:

- The remote control's red light turns on when you press a key, and blinks when you have entered a feature or manufacturer's code.
- Whenever you use **RECORD** on the remote control, you must press it twice. This safety feature helps you avoid accidentally recording over tapes.
- If you use the 6 in 1 IR/RF Remote Control to replace extremely complex remote controls, the 6 in 1 might not be able to duplicate some of your original remote control's seldom-used functions, but it can duplicate all of the original's most commonly used functions.

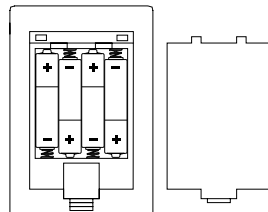
PREPARATION

INSTALLING BATTERIES

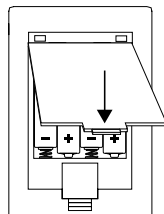
You need four AAA batteries to power your remote control. We recommend alkaline batteries, such as RadioShack Cat. No. 23-555.



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



2. Install four AAA alkaline batteries as indicated by the polarity symbols marked inside the compartment.



3. Replace the cover.

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.

When the 6 in 1 IR/RF Remote Control's range decreases or it operates erratically, replace the batteries.

Note: Although the 6 in 1 has a built-in memory backup, we recommend you have fresh batteries ready to install as soon as you remove the old ones.


SETTING UP THE 6 IN 1'S RF COMMAND CONSOLE


After you install batteries in the 6 in 1, just plug the RF command console's power cord into any standard AC outlet in the same room as your IR remote-controlled devices (TV, VCR, cable box, and so on) and fully extended its antenna. Be sure the command console is pointed at the devices you want to control.

The command console has a 4-foot IR signal extension cord for use with devices that are not in the command console's line of sight. If you have such a component, plug the extension cord into the back of the command console and use the supplied double-sided tape to attach the extension cord's LED over or next to the device's IR sensor.

Note: The 6 in 1 transmits both IR and RF signals at the same time. When testing the command console, be sure the 6 in 1 is not pointed at your devices.

LIGHTING THE KEYS

Press  to light the keys on the remote. Now, every time you press a key, the 6 in 1 lights up and stays lit for about 5 seconds.

To turn off the light, press  again.

Need help? Call 1-800-950-7044

SETTING UP YOUR REMOTE CONTROL

1. Refer to "Manufacturers' Codes" on Page 26 and write down the codes for your original remote controls.

Note: Some manufacturers have several possible codes listed. Try each until you find the correct code. See "If You Have Problems" on Page 20 if you need help.

2. Press the device key for the type of remote you are replacing (**CD**, **VCR**, **CBL**, **TV**, **AUX1** or **AUX2**).

Hold down **SET UP** until the red light blinks twice, then release it. Enter the 3-digit code.

For example, to replace a TV's remote control (manufacturer's setup code 154), press:

TV – SET UP – 1 – 5 – 4

3. When the red light blinks twice again, the 6 in 1 has accepted the code.
4. Point the 6 in 1 IR/RF Remote Control at your device and press **PWR** (or **CH s** for some cable boxes). 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 the "Manufacturer's Codes" section for your brand of TV, VCR, cable converter, or other device.

Repeat Steps 2–5 for additional devices.

Note: The punch-through feature (see “Punch-Through” on Page 16) is automatically turned on for the TV’s volume and mute controls. This means that when you select cable, for example, and press one of the volume keys or the mute key, the remote sends that function to the television instead of the cable converter. If you want to use your cable converter’s volume and mute controls, disable the punch-through feature for these keys.

USING TWO OR MORE SIMILAR DEVICES

Each of the 6 in 1 IR/RF Remote Control’s device keys are preset to control a particular type of device:

TV — TVs only

CBL — Cable converters, satellite receivers and video accessories

VCR — VCRs, TV/VCR combinations, laser disc players, cassette decks and digital audio tape decks

CD — CD players, amplifiers, tuners, receivers, and miscellaneous audio products

AUX1 — VCRs, laser disc players, cassette decks, and digital audio tape decks

AUX2 — Cable converters, satellite receivers, and video accessories

Plug ’n Power — Plug ’n Power or X-10 home automation devices

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Normally, you program each key for one of its listed devices. However, if you have two or more of the same type of device (two TVs, two VCRs, and so on) you can convert any unused key (**TV**, **CBL**, **CD**, **VCR**, **AUX1**, or **AUX2**) to control another type of device by following these steps.

1. Press **SET UP** until the red light blinks twice.
2. Press **9 – 9 – 2**. The red light blinks twice. Press the key for the type of device you have two of, then the unused device key you want to convert. The red light blinks twice again.

For example, to convert an unused **CBL** key into a second **VCR** key:

SET UP – 9 – 9 – 2 – VCR – CBL

To change the **CBL** key back to its original function:

SET UP – 9 – 9 – 2 – CBL – CBL

OPERATION

1. Press the device key for the device you want to operate, then point the 6 in 1 at the device and press **PWR** (or **CH** s for some cable converters) to turn the device on.
2. Repeat Step 1 for all other devices you want to operate.
3. Point the 6 in 1 IR/RF 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 6 in 1 IR/RF 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 wish to turn off, then press **PWR**.

USING THE 6 IN 1'S RF COMMAND CONSOLE

To operate your IR remote-controlled devices from anywhere in your house, make sure the front of the RF command console points toward the device(s) that you want to control, and fully extend the console's antenna. Press the appropriate device key on your 6 in 1, then the desired function keys.

CHANNEL SCAN

Channel Scan lets you scan through all available channels on your TV, VCR, or cable converter, stopping at each for about 3 seconds.

1. Press the device key (**TV**, **VCR**, or **CBL**).

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2. Aim the 6 in 1 IR/RF Remote Control at the device and press **SCAN**. The 6 in 1 scans through the channels.

Note: The 6 in 1 must be pointed at the device the entire time you are using the Channel Scan feature.

3. To stop scanning, simply press any key (other than **SCAN**) on the remote control.

FAVORITE CHANNEL SCAN

The Favorite Channel Scan feature lets you set up your 6 in 1 IR/RF Remote Control to scan through a list of up to 10 pre-selected channels, stopping at each for about 3 seconds.

Setting Favorite Channel Scan

Note: Favorite Channel Scan can only be set up for one device. Once the Favorite Channel Scan feature has been set up for one device, you must clear it before you can set it up for another device.

1. Press the desired device key (**TV**, **VCR**, or **CBL**).
2. Hold down **SET UP** until the red light blinks twice, then release it.
3. Press **9 – 9 – 6**. The red light again blinks twice.
4. Enter the 2-digit number of the first channel. (Enter a **0** before a single-digit channel number.)
5. After you have entered a channel number, press and release **SET UP**. The red light blinks twice.

For example:

0 – 9 – SET UP (for channel 9)

Note: If your device requires the use of an **ENTER** key to change channels, you must press **ENTER** instead of **SET UP** after each channel you enter into the 6 in 1 IR/RF Remote Control's memory.

6. Repeat Steps 4–5 to enter the channels you want to include in your favorite channel list. After you have entered the last channel number, hold down **SET UP** until the red light blinks twice.

Using Favorite Channel Scan

To scan through your favorite channels, press **SCAN** and keep the 6 in 1 IR/RF Remote Control aimed at your device. The remote control scans through your selected channels.

The 6 in 1 IR/RF Remote Control stops scanning after it reaches the last channel in your Favorite Channel Scan list. To stop scanning earlier, simply press any key on the remote control.

Clearing Favorite Channel Scan

To clear the favorite channel feature of all entries:

1. Hold down **SET UP** until the red indicator light blinks twice.
2. Press **9 – 9 – 6**. The red light again blinks twice.
3. Press and release **SET UP**, then hold down **SET UP** until the red light blinks twice again.

COMMAND SEQUENCES

You can set up your 6 in 1 IR/RF Remote Control to issue a set of up to 15 commands at the press of a key. Any sequence of commands you regularly perform can be reduced to a single key press.

Setting a Sequence

Here is an example of how to set up a sequence of commands that turns on your cable box and your TV and puts the TV on Channel 3, and how this sequence works when you press **VIDEO SEQ.**

Note: The 6 in 1 must be pointed at the device.

1. Hold down **SET UP** until the red light blinks twice, then release it.
2. Press **9 – 9 – 5**. The red light blinks twice again. Then press **VIDEO SEQ.**
3. Press **CBL – PWR – TV – PWR – TV – 0 – 3 – CBL.**

Note: If your device requires the use of an **ENTER** key to select a channel, you must also use **ENTER** in your sequence.

4. To end the sequence, hold down **SET UP** until the red light blinks twice.

Whenever you press the selected sequence key, your 6 in 1 IR/RF Remote Control issues the sequence of commands you entered.

Erasing a Sequence

1. Hold down **SET UP** until the red light blinks twice.
2. Press **9 – 9 – 5**. The red light blinks twice. Press the sequence key you want to erase.

3. Press and release **SET UP**, then hold down **SET UP** until the red light blinks twice. This means that your sequence is erased.

PUNCH-THROUGH

Using Punch-Through

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

Not all of the 6 in 1 IR/RF 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**, the volume control not used by the VCR retains its TV function.

Note: The punch-through feature does not work if the last two devices you selected have the same (or similar) features. For example, most TVs and some cable converters have **PWR** keys on their remote controls. In this case, you must press the desired device key before you use the remote control's **PWR** key.

Turning Punch-Through On and Off

If your cable converter or VCR has a volume control, you can turn off the punch-through feature to allow the 6 in 1 to control the volume of those devices. This allows your cable converter or VCR to control the volume of your TV set (if it can already do so). Once you turn off punch-through, you must press the device key for the device (cable converter or VCR) you want to use to control the volume.

Follow these steps to turn off punch-through.

1. Press the device key (**CBL** or **VCR**) for the device you want to use to control the volume, for example. Then press **SET UP** until the red light blinks twice.
2. Press **9 – 9 – 3**. The red light blinks twice. Press the device key (**CBL** or **VCR**) for the device you want to use to control the volume. The red light blinks twice to indicate punch-through is turned off.

To turn on the punch-through feature, press **SET UP – 9 – 9 – 3 – TV**. The red light blinks twice to indicate that punch-through is on.

USING THE SLEEP TIMER

If your original remote control had a sleep timer function, your 6 in 1 IR/RF Remote Control's **SLEEP** key operates the same as on your original remote.

Follow the instructions for the sleep timer function in the owner's manual from your original remote control. Press **SLEEP** in the exact same manner as the original remote control's **SLEEP** key was pressed.

CONTROLLING LIGHTS AND APPLIANCES

The Plug 'n Power feature allows you to control lights and appliances, using the supplied RF command console along with an optional IR command console (RadioShack Unlimited No. 10037703). You also need Plug 'n Power light modules and appliance modules (available through your local RadioShack store) to use this feature.

Follow these steps to control Plug 'n Power modules.

1. Position the IR command console within the RF command console's line of sight.

Note: For the best operation, position the controllers at least 2 feet apart.

2. Plug the IR command console's power cord into any standard AC outlet.
3. Set the house code dial on top of the IR command console to the same letter as your Plug 'n Power modules.
4. Set the selector switch on the IR command console for the group of modules you want to control (1–4 or 5–8).
5. Press **Plug 'n Power** on the 6 in 1 IR/RF Remote Control.

6. To turn on all light and appliance modules set to the same code as the IR command console, press **All Lts On (PWR)** on the 6 in 1 IR/RF Remote Control, or **ALL LIGHTS ON** on the IR command console.

To turn off all light and appliance modules set to the same house code as the IR command console, press **All Off (MUTE)** on the 6 in 1 IR/RF Remote Control, or **ALL UNITS OFF** on the IR command console.

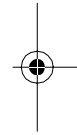
7. To turn on or off specific lights and appliances using the 6 in 1 IR/RF Remote Control, press the digit key (**1, 2, 3, 4, 5, 6, 7, or 8**) for the module you want to control. Then press **ON** or **OFF (CH s or CH t)**.

To control specific lights and appliances directly from the IR command console, press the button on the console that corresponds to the number of the module you want to control (1/5, 2/6, 3/7, 4/8). Then use the function keys on the IR command console to control the device.



-
-
8. To brighten or dim lights connected to lamp and appliance modules, press the digit key for the module you want to control. Then hold down **Brt** or **Dim** on the remote control (or **BRIGHT** or **DIM** on the IR command console). Release the key when the desired brightness is reached.

Note: You must select the individual light to brighten or dim even if you used **All Lts On** or **ALL LIGHTS ON** to turn on all the lights at the same time.



IF YOU HAVE PROBLEMS

MANUAL CODE SEARCH

If the 6 in 1 IR/RF Remote Control does not operate your remote-controlled devices when you first set it up, you might have to find the correct code for your devices. You can try all the codes listed in the "Manufacturer's Codes" section on Page 26 for the brand of your device, or you can follow these steps to search the 6 in 1 IR/RF Remote Control's entire library.

1. Manually turn on the device you want to set up and press the corresponding device key on your 6 in 1 IR/RF Remote Control (**TV**, **VCR**, **CBL**, **CD**, and so on).
2. Aim the 6 in 1 IR/RF Remote Control at the device you want to operate.
3. Hold down **SET UP** until the red light blinks twice. Release **SET UP** and press **9 - 9 - 1**. The red light blinks twice again.
4. Slowly alternate between **PWR** and the device key.

For example, if you are searching for a code to operate your TV, use the following sequence.

SET UP - 9 - 9 - 1 - PWR - TV - PWR - TV - PWR ...

Each time you press the TV key, the remote control advances to the next manufacturer's code in the library.

5. When your device responds by turning off (or on, if it was off), immediately press **SET UP** to lock in the manufacturer's code.

Note: Because of the large number of codes in the 6 in 1 IR/RF Remote Control's library, 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.

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If necessary, repeat these steps for each device.

Determining the 3-Digit Code

After you set up your 6 in 1 IR/RF Remote Control using the manual code search, you can find which 3-digit code the 6 in 1 IR/RF Remote Control is set to by following these steps.

1. Press the device key you want to get the manufacturer's code from.
2. Hold down **SET UP** until the red light blinks twice, then release it.
3. Press **9 – 9 – 0**. The red light again blinks twice.
4. Press **1**, and count the number of times the red light blinks. This is the first number of your 3-digit manufacturer's code.

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

5. Press **2** and count the number of times the red light blinks. This is the second number of your 3-digit manufacturer's code.

Note: The red light does not blink if the second digit of your 3-digit manufacturer's code is a zero.

6. Press **3** and count the number of times the red light blinks. This is the third digit of your 3-digit manufacturer's code.

Note: The red indicator does not blink if the third digit of your 3-digit manufacturer's code is a zero.

TROUBLESHOOTING

If the 6 in 1 IR/RF 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:

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

DOWNLOADING UPDATED CODE INFORMATION

If you are still experiencing difficulties getting your equipment programmed with the 6 in 1 IR/RF Remote Control, you might want to upgrade your remote control with new codes. This can be done by simply calling our toll-free RadioShack Customer Service Hotline at **1-800-950-7044**.

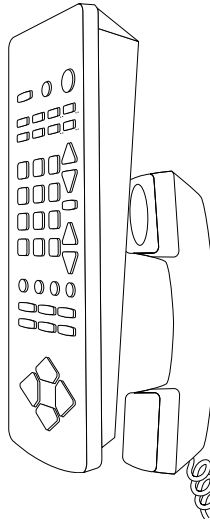
Important: If you have already set up your 6 in 1 for other equipment, downloading updated information erases those codes from the 6 in 1's memory.

Note: Your remote control's telephone upgrade feature is designed to work with any telephone that meets current FCC specifications for hearing aid compatibility. Please do not use cordless or cellular phones when calling for a telephone upgrade.

Need help? Call 1-800-950-7044

To upgrade your 6 in 1 IR/RF Remote Control, simply follow these steps:

1. Write down the brand names, model numbers, RadioShack Cat. No. (if applicable) and manufacture dates for each type of device (TV, VCR, cable box, etc.) that you want to load into your 6 in 1 IR/RF Remote Control. Have this information with you when you call the RadioShack customer service representative.
2. Call the RadioShack Customer Service Hotline at **1-800-950-7044**.
3. Tell the customer service representative the brand name, model number (or RadioShack Cat. No.), and manufacture date for each infrared device you want to load into your 6 in 1 IR/RF Remote Control.
4. After providing the brand, model, and manufacture date information to the Customer Service Representative, hold down **SET UP** until the red light blinks twice. Then press **PWR** so the red light stays on continuously.
5. Hold the 6 in 1 IR/RF Remote Control up to your telephone's ear-piece as shown.



Need help? Call 1-800-950-7044

Notes:

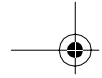
- You must hold the earpiece of your telephone over the receiver of your remote control as shown above. If you do not, the 6 in 1 IR/RF Remote Control might not be able to properly receive the information coming through the telephone.
 - While the 6 in 1 IR/RF Remote Control is receiving information, the red light blinks occasionally to confirm the information transfer.
 - When the 6 in 1 IR/RF Remote Control has successfully received the information for your infrared devices and downloading is completed, the red light blinks twice.
6. Press **SETUP** again after the red light blinks twice. The light blinks twice again.

Fast Search

If you have downloaded more than one device code, the remote control has a Fast Search feature that allows you to quickly search all loaded device codes, one at a time, until you find the right one.

As soon as the upgrade operation is complete, the 6 in 1 IR/RF Remote Control is ready for you to fast search the downloaded codes. For example, to search the codes downloaded into the remote control's TV memory:

1. Turn on your TV. Point the remote control at your TV and press **TV** then **PWR**. The remote control sends the power signal for the first TV code loaded.
2. If your TV does not turn off, press 1. Your remote control sends the power signal for the second TV code loaded.

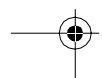
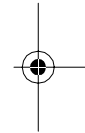


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3. Continue pressing the number keys (2, 3, 4, and so on) until your TV responds.

Note: You can search up to 11 codes for each device (TV, VCR, and so on) if 11 codes were loaded.

Once your TV responds, if you downloaded codes for more than one device, press the key for the next device and repeat Steps 1–3 to repeat the search for that device.

4. To end Fast Search and lock in the codes, press **SET UP**.



MANUFACTURERS' CODES

The following list tells you which 3-digit codes to enter to set up the 6 in 1 IR/RF Remote Control.

Notes:

- The 6 in 1 IR/RF Remote Control will not always be able to reproduce every command of your original remote control.
- A key on the 6 in 1 IR/RF Remote Control that has the same name as a key on your original remote control might have a slightly different function.

| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|--------------------|--------------------------------|
| AUDIO AMPLIFIERS | | |
| Aiwa | 406 | |
| Denon Unified | 160 | |
| GE | 078 | |
| Goldstar | 031 | |
| Harman Kardon | 106 | |
| Kenwood | 297, 356 | |
| Luxman | 165 | |
| Marantz | 321 | |
| NEC | 092, 116, 131, 264 | |
| Optimus | 395 | 31-2105 |
| | 395 | 31-2107 |
| | 395 | 31-2120 |
| | 300 | 31-3014 |
| | 395 | 31-3018 |
| | 395 | 31-3019 |
| | 395 | 31-3021 |
| | 300 | 31-3023 |
| | 013 | 31-3027 |
| | 013 | 31-3028 |
| | 300 | 31-3029 |
| | 300 | 31-3030 |
| | 300 | 31-3031 |
| | 300 | 31-3032 |
| | 300 | 31-3033 |
| 013 | 31-3034 | |

Need help? Call 1-800-950-7044

| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------------|---------------------------------|--------------------------------|
| AUDIO AMPLIFIERS (Continued) | | |
| Optimus | 300 | 31-3035 |
| | 300 | 31-3036 |
| | 300 | 31-3037 |
| | 300 | 31-3038 |
| Philips | 269 | |
| Pioneer | 300, 257 | |
| Pioneer Unified | 013 | |
| Realistic | 395 | 31-3013 |
| Sansui | 321 | |
| Shure | 264 | |
| Sony | 220 | |
| Soundesign | 078, 211 | |
| Technics | 308, 372, 374 | |
| Yamaha | 143, 354 | |
| AUDIO AMP/TUNERS | | |
| Adcom | 002, 304, 319 | |
| Aiwa | 121, 158, 064, 301, 405, 361 | |
| Akai | 076, 450 | |
| Carver | 008, 042, 270, 189, 360 | |
| Casio | 195 | |
| Denon Unified | 004 | |
| Fisher | 042, 360 | |
| GE | 260 | |
| Garrard | 146, 286, 407 | |
| Goldstar | 057 | |
| Harman Kardon | 110, 107 | |
| Inkel | 066, 062 | |
| JVC | 074 | |
| Kenwood Unified | 313, 027, 314, 186 | |
| LXI | 181 | |
| Luxman | 166, 329 | |
| Magnavox | 189, 195, 128 | |
| Marantz | 006, 189, 128, 039 | |
| MCS | 044, 039 | |
| Memorex | 335 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------------|----------------------------|------------------------|
| AUDIO AMP/TUNERS (Continued) | | |
| Modulaire | 195 | 13-1242 |
| | 182 | 13-1246 |
| NAD | 320 | |
| Nakamichi | 075, 347 | |
| Nikko | 215, 322, 407 | |
| Onkyo | 100, 119, 135, 144, 380 | |
| Optimus | 360 | 13-1248 |
| | 181 | 13-1249 |
| | 181 | 13-1250 |
| | 042 | 13-1267 |
| | 670 | 13-1271 |
| | 622 | 13-1272 |
| | 121 | 13-1273 |
| | 121 | 13-1274 |
| | 286 | 13-1279 |
| | 219 | 13-1281 |
| | 219 | 13-1282 |
| | 219 | 13-1283 |
| | 531 | 13-1291 |
| | 080 | 31-3014 |
| | 025 | 31-3016 |
| | 177 | 31-3017 |
| | 177 | 31-3020 |
| | 080 | 31-3023 |
| | 080 | 31-3027 |
| | 080 | 31-3028 |
| | 080 | 31-3029 |
| | 080 | 31-3030 |
| | 080 | 31-3031 |
| 080 | 31-3032 | |
| 080 | 31-3033 | |
| 080 | 31-3034 | |
| 080 | 31-3035 | |
| 080 | 31-3036 | |
| 080 | 31-3037 | |
| 080 | 31-3038 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------------|--------------------------------------|--------------------------------|
| AUDIO AMP/TUNERS (Continued) | | |
| Panasonic | 039, 389 | |
| Penney | 195, 449 | |
| Philips | 189 | |
| Pioneer Unified | 014, 080, 150 | |
| Proton | 026, 047 | |
| Quasar | 039 | |
| RCA Unified | 054, 360 | |
| Realistic | 181 | 13-1233 |
| | 181 | 13-1234 |
| | 181 | 13-1235 |
| | 182 | 13-1236 |
| | 182 | 13-1238 |
| | 195 | 13-1241 |
| | 181 | 13-1243 |
| | 181 | 13-1244 |
| | 178 | 16-1285 |
| | 001 | 31-1130 |
| | 025 | 31-3016 |
| Scott | 105, 163, 322, 418, 396, 390, 449 | |
| Sharp | 117, 186 | |
| Sherwood | 062, 066, 324 | |
| Sony (Unified) | 158, 168, 415, 474 | |
| STS | 217, 189, 193, 323 | |
| Symphonic | 182 | |
| TEAC | 163, 298, 463, 387 | |
| Technics | 039, 208, 309, 518 | |
| Techwood | 364 | |
| Vector Research | 218 | |
| Yamaha | 176, 081, 186 | |
| Yorx | 195 | |
| AUDIO CASSETTE | | |
| ADC | 171 | |
| Aiwa | 029 | |
| Akai | 188, 189 | |
| Carver | 029 | |
| Denon Unified | 076 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-----------------------------------|----------------|--------------------------------|
| AUDIO CASSETTE (Continued) | | |
| Fisher | 074 | |
| Garrard | 300, 439 | |
| Harman Kardon | 182 | |
| JVC | 244 | |
| Kenwood | 070, 071, 092 | |
| Kyocera | 171 | |
| Luxman Unified | 091, 095 | |
| Magnavox | 029 | |
| Marantz | 029 | |
| NAD | 144 | |
| NEC | 165 | |
| Nakamichi | 147 | |
| Onkyo Unified | 100, 136 | |
| Optimus | 188, 189 | 13-1253 |
| | 027, 220 | 31-3014 |
| | 027, 220 | 31-3023 |
| | 027, 220 | 31-3027 |
| | 027, 220 | 31-3028 |
| | 027, 220 | 31-3029 |
| | 027, 220 | 31-3030 |
| | 027, 220 | 31-3031 |
| | 027, 220 | 31-3032 |
| | 027, 220 | 31-3033 |
| | 027, 220 | 31-3034 |
| | 027, 220 | 31-3035 |
| | 027, 220 | 31-3036 |
| | 027, 220 | 31-3037 |
| 027, 220 | 31-3038 | |
| Panasonic | 250, 272 | |
| Philips | 029 | |
| Pioneer | 027, 099, 220 | |
| Proton | 028 | |
| Sansui | 029 | |
| Sony | 170, 243 | |
| Wards | 027 | |
| Yamaha | 094 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|---|------------------------|
| CABLE CONVERTERS | | |
| ABC | 011, 014, 007, 013, 017, 003, 001 | |
| Antronix | 207 | |
| Archer | 022 | 15-1285 |
| | 207 | 15-1285A |
| | 153 | 15-1287 |
| Cable Star | 056 | |
| Century | 153 | |
| Citizen | 153, 315 | |
| Comtronics Eagle | 060, 040 | |
| Contec | 019 | |
| Eastern | 002 | |
| GC Electronics | 056, 207 | |
| GE | 233, 232 | |
| Gemini | 057, 070, 015, 242 | |
| General Instruments | 011, 003, 476 | |
| Hamlin | 020, 034, 259, 009 | |
| Hitachi | 011 | |
| Jasco | 153, 315 | |
| Jerrold | 003, 014, 011, 026, 024, 015, 047, 098, 276, 012, 476 | |
| Macom | 033 | |
| Magnavox | 027, 032 | |
| Memorex | 000 | |
| Movie Time | 078, 203, 063 | |
| NSC | 063, 070, 203 | |
| Oak | 007, 019, 248 | |
| Optimus | 021 | 16-548 |
| | 021 | 16-631 |
| Panasonic | 021, 107 | |
| Paragon | 000 | |
| Philips | 060, 153, 027, 028, 029, 030, 031, 290, 025, 242 | |
| Pioneer | 144, 023, 260 | |
| Popular Mechanics | 400 | |
| Pulsar | 000 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------------|---|--------------------------------|
| CABLE CONVERTERS (Continued) | | |
| RCA | 021 | |
| Realistic | 207 | 16-1283 |
| Regal | 279, 020, 059, 273 | |
| Regency | 002 | |
| Rembrandt | 070 | |
| SL Marx | 040 | |
| Samsung | 144, 040 | |
| Scientific Atlanta | 008, 277, 017, 006, 327 | |
| Signal | 040 | |
| Signature | 011 | |
| SL Marx | 040 | |
| Sprucer | 021, 307 | |
| Starcom | 015, 047, 003, 098 | |
| Stargate | 040, 015 | |
| Sylvania | 001 | |
| Telecaption | 211 | |
| Texscan | 001, 096 | |
| Tocom | 013, 059, 012 | |
| Toshiba | 000 | |
| Unika | 207, 153, 022 | |
| United Artists | 007 | |
| United Cable | 003 | |
| Universal | 078, 056, 077, 207, 022, 039, 191, 153 | |
| Viewstar | 027, 060, 063, 111, 211 | |
| Zenith | 000, 054 | |
| CD PLAYERS | | |
| ADC | 018 | |
| ADS | 243 | |
| Adcom | 192, 155, 234 | |
| Aiwa | 012, 124, 249 | |
| Akai | 156 | |
| Audio Alchemy | 194 | |
| Audio-Technica | 170 | |
| BSR | 194 | |
| California Audio Lab | 029 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------|----------------------------|--------------------------------|
| CD PLAYERS (Continued) | | |
| Capetronic | 237 | |
| Carrera | 194, 394 | |
| Carver | 157, 179, 437 | |
| Casio | 201 | |
| Clarinette | 195 | |
| Crown | 122 | |
| Curtis Mathes | 201 | |
| Denon | 003, 034, 358 | |
| Emerson | 155, 305, 164, 469 | |
| Fisher | 048, 342, 174, 179, 088 | |
| GE | 009, 334 | |
| Garrard | 280, 425 | |
| Genexxa | 032, 305, 164 | |
| Goldstar | 030, 417, 383, 394 | |
| Harman Kardon | 109, 108, 173 | |
| Hitachi | 032, 155, 386 | |
| Inkel | 065, 061 | |
| JVC | 072 | |
| Kenwood | 028, 037, 048, 190, 340 | |
| Kodak | 287 | |
| Krell | 157 | |
| Kyocera | 018 | |
| Luxman Unified | 149, 035, 093 | |
| LXI | 305 | |
| Luxman | 093, 149, 266, 432, 483 | |
| Magnavox | 157, 225, 129 | |
| Marantz | 005, 157, 180, 029 | |
| MCS | 043, 029, 201, 454 | |
| MGA | 083 | |
| McIntosh | 290 | |
| Mission | 157 | |
| Mitsubishi | 098, 083 | |
| Modulaire | 195 | |
| NAD | 019 | |
| NEC | 043, 234 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------|---------------|------------------------|
| CD PLAYERS (Continued) | | |
| Nakamichi | 097, 147 | |
| Nikko | 170, 174, 164 | |
| Onkyo | 102, 101, 138 | |
| Optimus | 179 | 13-1248 |
| | 037 | 13-1251 |
| | 145 | 13-1258 |
| | 145 | 13-1259 |
| | 536 | 13-1261 |
| | 280 | 13-1268 |
| | 671 | 13-1270 |
| | 179 | 14-545 |
| | 032 | 31-3014 |
| | 114 | 31-3017 |
| | 032 | 31-3023 |
| | 032 | 31-3027 |
| | 032 | 31-3028 |
| | 468 | 31-3029 |
| | 468 | 31-3030 |
| | 032 | 31-3031 |
| | 468 | 31-3032 |
| | 468 | 31-3033 |
| | 032 | 31-3034 |
| | 468 | 31-3035 |
| | 468 | 31-3036 |
| | 468 | 31-3037 |
| | 468 | 31-3038 |
| | 175 | 42-5013 |
| | 179 | 42-5015 |
| | 194 | 42-5016 |
| | 196 | 42-5019 |
| 420 | 42-5022 | |
| 437 | 42-5023 | |
| 437 | 42-5024 | |
| 420 | 42-5025 | |
| 426 | 42-5031 | |
| 196 | 42-5032 | |
| 426 | 42-5036 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------------|---------------------------------|------------------------|
| CD PLAYERS (Continued) | | |
| Optimus | 342 | 42-5037 |
| | 426 | 42-5038 |
| | 032 | 42-5040 |
| | 032 | 42-5041 |
| | 032 | 42-5044 |
| | 468 | 42-5045 |
| | 305 | 42-5048 |
| | 179 | 42-5049 |
| | 468 | 42-5060 |
| | 305 | 42-5061 |
| | 468 | 42-5062 |
| | 468 | 42-5063 |
| Panasonic | 029, 388 | |
| Penney | 043 | |
| Philips | 157, 274 | |
| Pioneer | 096, 244, 032, 468 | |
| Proton | 157, 152 | |
| Quasar | 029 | |
| RCA | 053, 179, 155, 305 | |
| Realistic | 155 | 42-5004 |
| | 155 | 42-5007 |
| | 175 | 42-5010 |
| | 179 | 42-5014 |
| | 180 | 42-5020 |
| Rotel | 157, 420 | |
| SAE | 157 | |
| Sansui | 157, 305, 202 | |
| Sanyo | 179, 087 | |
| Scott | 164, 305, 155 | |
| Sears | 201, 261, 037, 180, 265, 305 | |
| Sharp | 037, 180 | |
| Sherwood | 180, 065, 114, 061, 196 | |
| Signature | 108 | |
| Sony | 000, 185, 490 | |
| Soundesign | 145 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------------|---|--------------------------------|
| CD PLAYERS (Continued) | | |
| STS | 018 | |
| Sylvania | 157, 225 | |
| Symphonic | 183 | |
| TEAC | 016, 045, 153, 174, 420, 393, 180, 183 | |
| Technics | 029 | |
| Techwood | 363 | |
| Toshiba | 019 | |
| Vector Research | 394, 417, 194, 109 | |
| Victor | 072 | |
| Wards | 108 | |
| Yamaha | 036, 170, 187 | |
| Yorx | 461 | |
| HOME AUTOMATION | | |
| GE | 240 | |
| One-For-All | 167 | |
| RadioShack Security System | 240 | 61-2677 |
| Universal | 167 | |
| One for All Security System | 167 | |
| LASER DISC PLAYERS | | |
| Aiwa | 203 | |
| Carver | 203 | |
| Denon | 172 | |
| Disco Vision | 023 | |
| Funai | 203 | |
| Hitachi | 023 | |
| Kenwood | 258 | |
| Magnavox | 241, 064 | |
| Marantz | 064 | |
| Mitsubishi | 059 | |
| NAD | 059 | |
| Panasonic | 204 | |
| Philips | 064 | |
| Pioneer Unified | 023, 059 | |
| Realistic | 203, 001 | 16-302 |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--|--------------------------------------|--------------------------------|
| LASER DISC PLAYERS <i>(Continued)</i> | | |
| Sharp | 001 | |
| Sony | 193, 201 | |
| Yamaha | 217 | |
| MISCELLANEOUS AUDIO | | |
| ADC | 086 | |
| Aiwa | 010, 159, 404 | |
| AudioSource | 351 | |
| BSR | 086 | |
| Carver | 351 | |
| Denon | 359 | |
| Fisher | 052 | |
| Harman Kardon | 477 | |
| JVC | 073 | |
| Jerrold | 459 | |
| KLH | 351 | |
| Luxman | 326 | |
| Mitsubishi | 132 | |
| NEC | 236 | |
| Pioneer | 089, 248 | |
| Proton | 046 | |
| RCA | 056, 248 | |
| Schneider | 376 | |
| Scientific Atlanta | 460 | |
| Sony Unified | 010, 159 | |
| SounDesign | 376 | |
| Technics | 517 | |
| Yorx | 376 | |
| SATELLITE RECEIVERS | | |
| Amplica | 072 | |
| BSR | 095 | |
| Birdview | 045, 079 | |
| Capetronics | 095 | |
| Channel Master | 018, 212, 257 | |
| Chaparral | 053, 209 | |
| DX Antenna | 065, 041 | |
| Drake | 018, 062, 064, 066, 149, 150, 245 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|---|---------------------------------|------------------------|
| SATELLITE RECEIVERS <i>(Continued)</i> | | |
| Echostar | 148, 159, 269 | |
| Fujitsu | 186, 236 | |
| General Instruments | 071, 038, 050 | |
| Hytek | 095 | |
| Janeil | 152 | |
| Jerrold | 036 | |
| Kenwood | 264 | |
| Luxor | 083 | |
| Macom | 050, 018, 061 | |
| Memorex | 218, 269 | 16-2511 |
| NEC | 102 | |
| Norsat | 004, 165 | |
| Panasonic | 152 | |
| PRIMESTAR | 361 | |
| RCA | 566 | 16-2530 |
| | 566 | 16-2531 |
| | 566 | 16-2539 |
| Realistic | 051 | 16-2501 |
| | 052 | 16-2502 |
| | 052 | 16-2507 |
| STS | 041, 065, 190, 210 | |
| Scientific Atlanta | 234 | |
| Star Trak | 180 | |
| Super Guide | 311 | |
| Toshiba | 061, 082 | |
| Uniden | 076, 052 | |
| Video Cypher II | 050 | |
| TELEVISIONS | | |
| Admiral | 093, 016 | |
| Aiko | 092 | |
| Akai | 030, 098 | |
| Anam | 180, 068, 004 | |
| Anam National | 161, 055 | |
| AOC | 019, 030, 185, 137, 052, 003 | |
| Audiovox | 003, 180 | |
| Bell & Howell | 016, 154 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------------|---|------------------------|
| TELEVISIONS (Continued) | | |
| Candle | 046, 186, 030, 056 | |
| Capehart | 052 | |
| Carver | 054 | |
| Citizen | 030, 046, 060, 056, 092, 039, 280, 186 | |
| Concerto | 056 | |
| Contec | 158, 157, 185, 180 | |
| Craig | 180, 161 | |
| Crown | 039, 180 | |
| Curtis Mathes | 060, 030, 039, 054 | |
| Daewoo | 092, 019, 039, 067 066, 091 | |
| Daytron | 039 | |
| Dynatech | 049 | |
| Electrohome | 039 | |
| Emerson | 236, 158, 180, 177, 185, 039, 183, 178, 182, 179, 181, 282, 280, 270 | |
| Envision | 030 | |
| Fisher | 154, 159 | |
| Funai | 179, 180, 171 | |
| Futuretech | 180 | |
| GE | 047, 051, 055, 021, 027, 178, 174, 279, 251, 282 | |
| Goldstar | 060, 056, 178, 030, 019, 002, 001, 106 | |
| Hallmark | 178 | |
| Harman Kardon | 078 | |
| Hitachi | 151, 145, 227, 056, 038, 095, 097, 173, 279 | |
| Infinity | 054 | |
| Kenwood | 030 | |
| JVC | 053, 182, 069, 169 | |
| Jensen | 050 | |
| Kamp | 216 | |
| Kawasho | 216, 308 | |
| Kenwood | 030 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------------|---|------------------------|
| TELEVISIONS (Continued) | | |
| Kloss | 078, 046, 024 | |
| KTV | 185, 039, 180, 217, 280 | |
| Logik | 016 | |
| Luxman | 056 | |
| LXI | 047, 154, 156, 148, 159 | |
| Magnavox | 054, 096, 187, 186, 030, 028, 024, 020, 230 | |
| Marantz | 054, 030 | |
| Matsui | 217 | |
| Memorex | 030 | 16-254 |
| | 019 | 16-263 |
| | 178 | 16-280 |
| MGA | 150, 155, 030, 178, 019 | |
| Mitsubishi | 150, 178, 155, 019, 098, 014 | |
| MTC | 019, 060, 056, 049, 030 | |
| Multitech | 217, 049 | |
| NAD | 156 | |
| NEC | 019, 170, 036, 056, 030 | |
| Nikko | 030, 092, 317 | |
| Onwa | 180 | |
| Optimus | 154 | 13-1282 |
| | 250 | 16-422 |
| | 250 | 16-548 |
| | 250 | 16-631 |
| | 166 | 31-3031 |
| | 166 | 31-3033 |
| | 166 | 31-3038 |
| Optonica | 093, 165 | |
| Panasonic | 051, 055, 054, 338, 162, 250 | |
| Penneys | 030, 021, 060, 135, 047, 149, 039, 019, 018 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------------|---|------------------------|
| TELEVISIONS (Continued) | | |
| Philco | 054, 030, 019, 020, 024, 028, 186, 187, 096 | |
| Philips | 054 | |
| Pioneer | 166, 038 | |
| Portland | 019, 039, 092 | |
| Proscan | 047 | |
| Proton | 052, 031, 178 | |
| Pulsar | 017 | |
| Quasar | 055, 051, 219 | |
| 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 | 047, 018, 135, 029, 019, 254, 174, 038 | |
| Realistic | 032 | 16-230 |
| | 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, 052, 100, 110 | |
| Samsung | 060, 039, 019, 030, 032, 056 | |
| Sanyo | 154, 159, 146, 232 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------------|--|------------------------|
| TELEVISIONS (Continued) | | |
| Scott | 236, 179, 180 | |
| Sears | 148, 047, 154, 158, 178, 146, 159, 056, 179, 149 | |
| Sharp | 093, 165, 153, 039, 220 | |
| Signature | 016 | |
| Sony | 000, 011, 111, 080, 273 | |
| Soundesign | 178, 180, 186 | |
| SSS | 019, 180 | |
| Supre-Macy | 046 | |
| Sylvania | 054, 096, 065, 020, 024, 028, 030, 186, 187 | |
| Symphonic | 171 | |
| Tatung | 055, 049, 003 | |
| Technics | 051 | |
| Techwood | 056 | |
| Teknika | 092, 056, 039, 060, 186, 175, 312, 019, 150, 016, 180, 179, 322 | |
| Tera | 031 | |
| TMK | 056, 178 | |
| Toshiba | 154, 156, 060, 036, 149 | |
| Tosonic | 185 | |
| Totevision | 039 | |
| Universal | 021, 027 | |
| Vector Research | 030 | |
| Victor | 053 | |
| Video Concepts | 098 | |
| Vidtech | 178, 019 | |
| Wards | 054, 187, 174, 030, 029, 165, 179, 016, 178, 021, 027, 020, 096, 028, 019 | |
| Yamaha | 019, 030 | |
| Zenith | 017, 016 | |
| Zonda | 003 | |

Need help? Call 1-800-950-7044

| Manufacturer | Code(s) | RadioShack Cat. No. |
|---|--------------------------------------|------------------------|
| TV/VCR Combinations | | |
| Note: These codes are accessed through the VCR device key. You might also need to use a TV code to control volume. | | |
| 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 | |
| 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 | |
| VCRs | | |
| Action | 317 | |
| Aiwa | 000 | |
| Akai | 041, 049, 106, 242, 156, 053, 061 | |
| Bell & Howell | 104 | |
| Broksonic | 211, 184, 121, 361 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|--|--------------------------------|
| VCRs (Continued) | | |
| Canon | 035, 167 | |
| Capehart | 020 | |
| Carver | 081, 110 | |
| Craig | 240, 047, 271 | |
| Curtis Mathes | 035, 060 | |
| Daewoo | 020, 278, 017, 087, 045 | |
| Daytron | 020 | |
| Dynatech | 000 | |
| Emerson | 184, 278, 068, 211, 121, 061, 209, 208, 212, 000, 088, 037, 036, 294, 002 | |
| Fisher | 104, 046, 047, 054, 066 | |
| Funai | 000 | |
| GE | 060, 202, 035, 065 | |
| Garrard | 000 | |
| Go Video | 232, 279 | |
| Goldstar | 037, 038, 018 | |
| Harman Kardon | 038, 075 | |
| Hitachi | 000, 041, 042, 105, 166, 065, 235 | |
| JVC | 008, 067, 041, 206, 207, 384 | |
| Jensen | 041 | |
| Kenwood | 067, 008, 041, 046 | |
| Lloyd | 000 | |
| LXI | 037, 000 | |
| Logik | 072 | |
| Magnavox | 035, 081, 110, 103, 149, 039 | |
| Marantz | 035, 081, 038, 146 | |
| Marta | 037 | |
| MEI | 035 | |
| Memorex | 000 | 16-406 |
| | 000 | 16-410 |
| | 000 | 16-411 |
| | 037 | 16-412 |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|--------------------------------------|------------------------|
| VCRs (Continued) | | |
| Memorex | 037 | 16-413 |
| | 037 | 16-414 |
| | 000 | 16-517 |
| | 104 | 16-523 |
| | 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 |
| | 048 | 16-622 |
| | 104 | 16-623 |
| 299 | 16-654 | |
| 035 | 16-705 | |
| MGA | 043, 242, 061, 075, 214 | |
| MTC | 000, 240 | |
| Minolta | 042, 105 | |
| Mitsubishi | 043, 242, 061, 075, 214 | |
| MTC | 000, 240 | |
| Multitech | 000, 072 | |
| NAD | 058 | |
| NEC | 038, 041, 067, 008, 050, 040, 082 | |
| Nikko | 037 | |
| Optimus | 104 | 13-1283 |
| | 037 | 16-419 |
| | 000, 325 | 16-420 |
| | 162, 454 | 16-421 |
| | 162, 454 | 16-422 |
| | 037 | 16-535 |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|---------------------------------|------------------------|
| VCRs (Continued) | | |
| Optimus | 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 |
| | 162, 454 | 16-548 |
| | 037 | 16-624 |
| | 104 | 16-625 |
| | 048 | 16-627 |
| | 048 | 16-628 |
| | 162, 454 | 16-630 |
| | 162, 454 | 16-631 |
| | 058 | 31-3023 |
| | 058 | 31-3029 |
| | 058 | 31-3030 |
| 058 | 31-3031 | |
| 058 | 31-3032 | |
| 058 | 31-3033 | |
| 058 | 31-3037 | |
| 058 | 31-3038 | |
| Optonica | 048, 062 | |
| Panasonic | 081, 110, 035, 077, 225 | |
| Penney | 240, 038, 035, 040, 042, 037 | |
| Pentax | 042, 105, 065 | |
| Philco | 035, 081, 110, 062 | |
| Philips | 035, 081, 110, 062 | |
| Pilot | 037 | |
| Portland | 020 | |
| Pulsar | 039 | |
| Pulsar | 051 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|---|------------------------|
| VCRs (Continued) | | |
| Quartz | 046, 155 | |
| Quasar | 035, 077, 081, 110 | |
| RCA | 060, 202, 035, 077, 065, 042, 105, 149 | |
| RadioShack | 037 | 16-415 |
| | 000, 325 | 16-417 |
| 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 |
| | 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 | |

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| Manufacturer | Code(s) | RadioShack Cat. No. |
|-------------------------|--|------------------------|
| VCRs (Continued) | | |
| Realistic | 062 | 16-700 |
| | 048 | 16-701 |
| | 048 | 16-702 |
| | 000 | 16-703 |
| | 000 | 16-704 |
| Richo | 034, 253 | |
| Samsung | 240, 051, 053, 045 | |
| Sansui | 041, 105, 082, 067, 008, 241 | |
| Sanyo | 104, 046, 054, 066, 268, 240, 047 | |
| Scott | 121, 184, 212, 210, 045 | |
| Sears | 054, 066, 104, 047, 046, 037, 042, 057, 105, 000 | |
| Sharp | 048, 062 | |
| Shintom | 072 | |
| Sony | 034, 033, 032, 011, 253, 275 | |
| STS | 042 | |
| Sylvania | 035, 043, 000, 103, 081, 110 | |
| Symphonic | 000 | |
| Tatung | 041 | |
| TEAC | 000, 041 | |
| Technics | 035, 081, 110 | |
| Teknika | 037, 035, 052, 000 | |
| Toshiba | 043, 045, 210, 066, 057, 212 | |
| Totevision | 240, 037 | |
| Unitech | 240 | |
| Vector Research | 040, 038 | |
| Victor | 067, 008 | |
| Video Concepts | 040, 061 | |
| Videosonic | 240 | |
| Wards | 240, 000, 035, 048, 072, 042, 062, 212, 149, 047 | |
| Yamaha | 041, 038 | |

Need help? Call 1-800-950-7044

| Manufacturer | Code(s) | RadioShack Cat. No. |
|--------------------------|--------------------|--------------------------------|
| VCRs (Continued) | | |
| Zenith | 039, 033, 034, 032 | |
| VIDEO ACCESSORIES | | |
| Channel Master | 094 | |
| Jebsee | 160 | |
| Rabbit | 081 | |
| RadioShack | 160 | 15-1957 |
| Superguide | 169 | |
| Telecaption | 171 | |

Need help? Call 1-800-950-7044

FCC CAUTION

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in sub-part B and C of Part 15 of *FCC Rules*, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing interference.
- Relocate the RF command console with respect to the radio/TV.
- Move the RF command console away from the radio/TV.
- Plug the RF command console into an outlet on a different electrical circuit from the radio/TV experiencing the interference.

Contact your local RadioShack store if the problem continues.

Need help? Call 1-800-950-7044

CARE AND MAINTENANCE

Your RadioShack 6 in 1 IR/RF Remote Control system is an example of superior design and craftsmanship. The following suggestions will help you care for your system so you can enjoy it for years.

- Keep the 6 in 1 and RF command console dry. If they get wet, wipe them dry immediately. Liquids can contain minerals that corrode electronic circuits.
- Use and store the system only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.
- Handle the 6 in 1 and RF command console gently and carefully. Dropping them can damage circuit boards and cases and can cause the system to work improperly.
- Keep the system away from dust and dirt, which can cause premature wear of parts.
- Wipe the 6 in 1 and RF command console with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean your system.

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

SPECIFICATIONS

Remote Power..... 4 AAA Batteries

RF Command Console Power..... 120 Volts AC

Remote to RF Command Console
Range..... 100 Feet (304.8 m)

RF Command Console to Device
Range..... 25 Feet (7.62 m) ±30

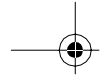
Remote Dimensions (HWD) 27⁷/₁₆ ¥ 8 ¥ 1¹/₄ Inches

RF Command Console
Dimensions (HWD)..... 3¹³/₁₆ ¥ 5¹/₁₆ ¥ 1¹/₁₆ Inches

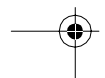
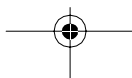
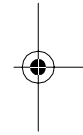
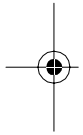
Remote Weight (Without Batteries) 3 oz. (85 g)

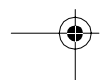
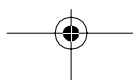
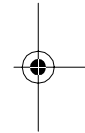
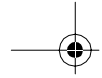
RF Command Console Weight..... 10.6 oz. (300 g)

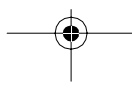
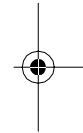
Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.



NOTES







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., Suite 600, Fort Worth, TX 76102

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