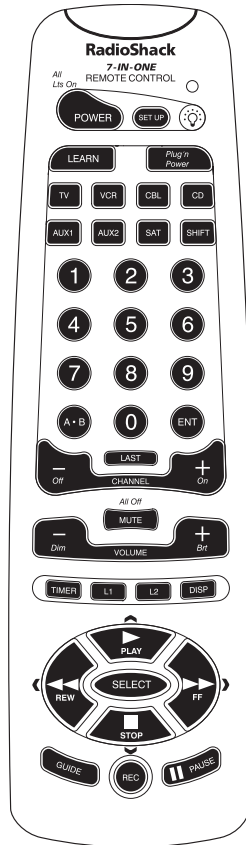Cat. No. 15-1924
OWNER'S MANUAL

7-in-1 Remote Control with Lighted Keypad

Plug 'n Power® Compatible

Please read before using this equipment.

RadioShack®

FEATURES

Your RadioShack 7-in-1 Remote Control can re-place up to seven infrared remote controls. You can use it to control your TV, VCR, cable box, sat-ellite receiver, and even lights and appliances with Plug 'n Power modules (not included).

The 7-in-1 is preprogrammed with the most com-monly used commands. All you have to do is tell it which TV, VCR, or other components' remote controls you want to replace (by entering 3-digit codes). The 7-in-1 remote also lets you teach it more specialized commands from other remotes and store them in its memory. This lets you oper-ate most of the same functions as the original re-motes.

This manual includes a list of many manufactur-ers' 3-digit codes for TVs, VCRs, cable convert-ers, CD players, satellite receivers, and other popular remote-controlled devices.

The 7-in-1 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.

**Lighted Keypad** — lights up so you can see the keys even in a dark or dimly lit room.

Timer — lets you set the 7-in-1 to turn off your TV after 60 minutes.

Plug 'n Power Functions — allow you to oper-ate Plug 'n Power modules with your 7-in-1 re-mote and an optional IR command console (Ra-dioShack Unlimited No. 10037703) or Plug 'n Power Wireless Remote Control System (Ra-dioShack Cat. No. 61-2676).
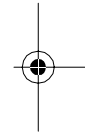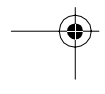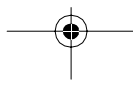
*Need help? Call **1-800-989-4706***
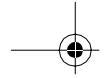
Convenient Keypad Design — each key is positioned for easy operation.

Toll Free Support — you can get expert help for your 7-in-1 Remote Control by calling **1-800-989-4706**.

Note: You need four AAA batteries (not supplied) to power your 7-in-1 Remote Control.

CONTENTS

HOW THE 7-IN-1 WORKS

Your RadioShack 7-in-1 Remote Control was de-signed to control the most commonly used func-tions on your TV, VCR, cable converter, CD player, satellite receiver, audio equipment, and Plug 'n Power devices.

When you set up the 7-in-1 Remote Control, its command keys work like the keys on your original remote controls. For example, the 7-in-1 Remote Control's **POWER (All Lts On)** key works like a key on your original remote control which might be la-beled POWER ON/OFF.

Key	Function
SET UP	Used in setting up your devices.
:Ö:	Lights your keypad for use in dark or dimly lit rooms.
POWER (All Lts On), digit keys, **CHANNEL + (On), CHANNEL** – **(Off), VOLUME + (Brt), VOLUME** – **(Dim), LAST, MUTE (All Off), DISP**	Operate the same as the cor-responding keys on your origi-nal remote control.
LEARN	Used when you teach the 7-in-1 infrared codes from your original remote controls.
TV, VCR, CBL, CD, AUX1, AUX2, SAT, Plug 'n Power	Used when you set up the 7-in-1 to replace your original remote controls. Also used during normal operation to tell the 7-in-1 which device you want to control.
SHIFT	Used to store and access additional learned device functions, or when you must enter a key shift to access a function.
SELECT	Used for menu selections on some direct-to-home satellite systems.

Key	Function
GUIDE	Displays the main menu on direct-to-home satellite systems.
REC, ▌▌ PAUSE, ▶ PLAY, ◀◀ REW, ▶▶ FF, ▬ STOP	Control VCR functions and are used to select options and navigate in your Surround Sound system, satellite system, or other similar device.
TIMER	Used to set the timer to automatically switch off the TV after 60 minutes. Or, to turn on or off a lamp/appliance module or turn off all modules after 1 to 99 minutes in the Plug 'n Power mode.
L1, L2	Used with **LEARN** when you teach the 7-in-1 infrared commands from your original remote controls. You can also use **L1** and **L2** to add one or two extra original remote control functions.
A▪B	Switches between TV and AV in the TV mode, TV and VCR in the VCR mode, A and B in the CBL mode, TV and DSS in the DSS mode, and Deck A and Deck B in the audio mode.
ENT	Lets you enter information into the 7-in-1's memory.

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 7-in-1 Remote Control might not be able to duplicate some of your original remote control's seldom-used functions.

PREPARATION

INSTALLING BATTERIES

You need four AAA batteries to power your remote control. We recommend alkaline batteries, such as RadioShack Cat. No. 23-558.

Cautions:

- Use only fresh batteries of the required size and recommended type.

- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

- Do not press any of the 7-in-1's keys while installing batteries.
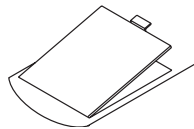
1. Press the battery compartment cover's tab and lift off the cover.
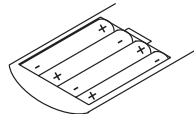
2. Install four AAA alkaline batteries as indicated by the polarity symbols (+ and –) marked inside the compartment.
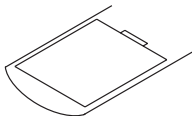
3. Replace the cover.

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 7-in-1 Remote Control's range decreases or it stops operating properly, replace the batteries.

Note: Although the 7-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.

Need help? Call **1-800-989-4706**

LIGHTING THE KEYS

Press ☼ to light the keys on the remote for about 5 seconds. If you press a key when the keys are lit, the keys stay lit for about 5 more seconds.

To turn off the light before it automatically turns off, press ☼ again.

DEVICE TYPES

You can use the 7-in-1 Remote Control's device keys to control the following general types of devices:

TV — TVs

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

CBL — Cable converters, satellite receivers and video accessories

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

AUX1/AUX2 — TVs, VCRs, laser disc players, CD players, cassette decks, digital audio tape decks, cable converters, satellite receivers, Plug 'n Power devices, video accessories, amplifiers, tuners, receivers, and miscellaneous audio products

SAT — standard and direct-to-home satellite receivers

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

Note: You can also program **AUX1** or **AUX2** or an unused device key to control additional devices (see "Using Two or More Similar Devices" on Page 10).

SETTING UP YOUR 7-IN-1

1. Refer to "Manufacturers' Codes" on Page 23 and write down the codes for your original remote controls.

   Notes:

   • Some manufacturers have several possible codes listed. Try each until you find the right one. See "If You Have Problems" on Page 20 if you cannot find the correct code.

   • If you want to set up your 7-in-1 to control a combination TV/VCR (such as Cat. No. 16-421 or 16-422), you must program the TV code for the TV functions *and* the VCR code for the VCR functions.

2. Hold down **SET UP** until the red light above ⣠ turns on.

   Note: To exit the set up routine at any time, press **SET UP** again. The red light flashes several times.

3. Press the device key for the type of remote you are replacing (**TV**, **VCR**, **CBL**, **CD**, **Plug 'n Power**, or **SAT**).

   Note: If you do not press a device key within about 15 seconds, the red light flashes for about 3 seconds then turns off. Start again from Step 2.

4. Enter the 3-digit code.

   For example, to replace a TV's remote control (manufacturer's code 185), press:

   SET UP – **TV** – **1– 8** – **5**

   When the red light turns off, the 7-in-1 has accepted the code.

   Note: If the code you entered is invalid, the red light flashes for about 3 seconds then turns off.

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5. Point the 7-in-1 Remote Control at your device and press **POWER (All Lts On)** (or **CHANNEL + (On)** 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 "Manufacturers' Codes" on Page 23 for your brand of TV, VCR, cable converter, or other device.

6. Repeat Steps 2–5 for additional devices.

Using Two or More Similar Devices

If you have two or more similar devices (two VCRs for example) and you have already programmed the 7-in-1 to control one of the devices using that device key, you can program the **AUX1** and **AUX2** device keys or an unused device key to control the additional device.

Follow these steps to program **AUX1** or **AUX2**.

1. Repeat Step 1 and 2 under "Setting Up Your 7-in-1" on Page 9.

2. Press **AUX1** or **AUX2**.

3. If you are replacing a CD's remote control, skip to Step 4. Otherwise, press the device key for the type of remote you are replacing (**VCR**, **CBL**, **TV**, **CD**, **Plug 'n Power**, or **SAT**.

   Note: If you do not press a device key within about 15 seconds, the red light flashes for about 3 seconds then turns off. Start again from Step 1.

4. Repeat Steps 4–6 under "Setting Up Your 7-in-1" on Page 9.

To program an unused device key to control an additional device, choose an unused device key that controls a similar type of device (see "Device Types" on Page 8), then program it using the steps in "Setting Up Your 7-in-1" on Page 9.

OPERATION

1. Press the device key for the device you want to control, then point the 7-in-1 at the device and press **POWER (All Lts On)** (or **CHANNEL + (On)** for some cable converters) to turn the device on.

2. Repeat Step 1 for all other devices you want to operate.

3. Point the 7-in-1 toward the device you want to control, then press the appropriate device key and the desired command keys.

   Note: The command keys on the 7-in-1 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 **POWER (All Lts On)**. To turn off other devices, press the device key for the device you want to turn off, then press **POWER (All Lts On)**.

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 7-in-1 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.

Punch-through does not work when you are using the 7-in-1 to control CD players and Plug 'n Power devices.

Notes:

• 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.

In this case, you must press the desired device key before you use the remote control's **CHANNEL + (On)** or **CHANNEL – (Off)** keys.

• If you selected **AUX1** or **AUX2**, you can punch-through **TV**, **VCR**, or **CBL** if you have not programmed **AUX1** or **AUX2** as a TV, VCR, or CBL device.

USING THE 7-IN-1'S TIMER

This feature lets you set your 7-in-1 to turn off your TV after 60 minutes.

1. Press **TIMER** on the 7-in-1.

2. Within 15 seconds, press **ENT** on the 7-in-1. The red light blinks once.

   Note: If you do not press **ENT** within 15 seconds, the red light does not blink. Start again from Step 1.

3. Leave the 7-in-1 pointing at the TV's infrared sensor. Make sure there is nothing blocking the line of sight between the 7-in-1 and the TV.

To cancel the timer, hold down **TIMER** until the red light blinks once, or press **TV** then press **POWER (All Lts On)**.

PLUG 'N POWER FUNCTIONS

The Plug 'n Power feature allows you to control lights and appliances with an optional IR command console (RadioShack Unlimited No. 10037703) or Plug 'n Power Wireless Remote Control System (Cat. No. 61-2676). You also need Plug 'n Power light modules and appliance modules (available through your local RadioShack store) to use this feature.

Entering a Plug 'n Power House Code

Your IR Command Console or Plug 'n Power Wireless Remote Control System uses a master code called a *house code* (see your IR Command Console's or Plug 'n Power Wireless Remote Control System's Owner's Manual for more information).

1. Press **Plug 'n Power** on the 7-in-1 Remote Control.

2. Hold down **SET UP** on the 7-in-1 until the red light above ☼ turns on.

3. Use the 7-in-1's number keys to enter the numbers equivalent to the house code's letters (**1** for A, **2** for B, **3** for C, and so on).

   For example, if the house code is C, press **3**.

4. Press **ENT** on the 7-in-1.

   When the red light turns off, the 7-in-1 has accepted the code.

   Note: If the code you entered is invalid, the red light flashes for about 3 seconds then turns off. Start again from Step 1.

Controlling Lights and Appliances Using an IR Command Console

Follow these steps to control Plug 'n Power modules with your 7-in-1 using an IR command console.

1. Position the IR command console within the 7-in-1's line of sight.

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. Hold down **SET UP** on the 7-in-1 until the red light above ☼ turns on.

6. Press **Plug 'n Power**, then enter **0 – 1 – 4** on the 7-in-1. The red light turns off.

7. Press **Plug 'n Power** on the 7-in-1.

8. To turn on all light and appliance modules set to the same house code as the IR command console, press **POWER (All Lts On)** on the 7-in-1, 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 **MUTE (All Off)** on the 7-in-1, or ALL UNITS OFF on the IR command console.

9. To turn specific lights and appliances on or off using the 7-in-1 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** (**CHANNEL + (On)** or **CHANNEL – (Off)**).

   To control specific lights and appliances directly from the IR command console, set the console's selector to the number of the module you want to control (**1–4** or **5–8**), 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 press ON on the IR command console.

10. 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 **VOLUME + (Brt)** or **VOLUME – (Dim)** on the 7-in-1. Release the key when the desired level of brightness is reached.

    Note: You must select the individual light to brighten or dim even if you used **POWER (All Lts On)** on the 7-in-1 to turn on all the lights at the same time.

Controlling Lights and Appliances Using a Control Center Module

Follow these steps to control Plug 'n Power modules with your 7-in-1 using your Plug 'n Power Wireless Remote Control System's control center module.

1. Plug the control center module's power cord into any standard AC outlet.

2. Set the house code dial on top of the control center module to the same letter as your Plug 'n Power modules.

3. Set the unit selector switch on the control center module for the group of modules you want to control (1–8 or 9–16).

   Note: If the 7-in-1's Plug 'n Power code is already set to **0 – 1 – 3** (the default), skip Steps 4 and 5.

4. Hold down **SET UP** on the 7-in-1 until the red light above 🔆 turns on.

5. Press **Plug 'n Power** then enter **0 – 1 – 3** on the 7-in-1. The red light turns off.

6. On the 7-in-1, enter the house code that matches your control center module's house code (see Step 3 under "Entering a Plug 'n Power House Code" on Page 13).

7. To turn on all light and appliance modules set to the same house code as the control center module, press **POWER (All Lts On)** on the 7-in-1.

   To turn off all light and appliance modules set to the same house code as the control center module, press **MUTE (All Off)** on the 7-in-1.

8. To turn specific lights and appliances on or off, press the digit key (**1**–**16**) for the module you want to control. Then press **On** or **Off** (**CHANNEL + (On)** or **CHANNEL – (Off)**).

9. 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 **VOLUME + (Brt)** or **VOLUME – (Dim)** on the 7-in-1. Release the key when the desired level of brightness is reached.

Note: You must select the individual light to brighten or dim even if you used **POWER (All Lts On)** on the 7-in-1 to turn on all the lights at the same time.

Setting a Plug 'n Power Timer

You can set the 7-in-1 Remote Control to turn on or off a lamp/appliance module you select or turn off all modules after a period of 1 to 99 minutes. This works with an optional IR command console or Plug 'n Power Wireless Remote Control System.

Note: When you use the 7-in-1 to control all modules at one time, the only command that works is **All Off**.

1. Press **Plug 'n Power** on the 7-in-1.

2. Hold down **TIMER** on the 7-in-1 until the red light above ☼ stays on.

   Note: Skip Step 3 if you are turning all modules off using the **All Off** command.

3. To turn on or off a specific module using the 7-in-1 Remote Control, press the digit keys to enter the module's device code. The red light blinks once.

4. Press **On** (**CHANNEL + (On)** (to set a module to turn on), **Off** (**CHANNEL – (Off)** (to set a module to turn off), or **MUTE (All Off)** (to set all modules to turn off.

   When the red light blinks once, the 7-in-1 has accepted the code.

Note: If the code you entered is invalid, the red light flashes for about 3 seconds.

5. Use the 7-in-1's number keys to enter the time you want to set. For example, if you want to enter 15 minutes, press **1–5**.

When the red light blinks once, the 7-in-1 has accepted the code.

Note: If the time you entered is invalid, the red light flashes for about 3 seconds. Start again from Step 1.

6. Press **ENT** on the 7-in-1. The red light turns off.

To cancel the timer, press **Plug 'n Power** on the 7-in-1, then hold down **TIMER** until the red light blinks.

TEACHING COMMANDS TO THE 7-IN-1

You can teach infrared commands from one or more original remote controls to your 7-in-1 Remote Control, storing each command in one of the 7-in-1's keys. This is handy if a preprogrammed manufacturers' code you selected does not control all of your device's functions, or if none of the manufacturers' codes work for your device.

You can teach the functions of as many as 3 original remote controls, with as many as 50 keys each, to the 7-in-1.

Notes:

- Depending on how commands are stored in your original remote control, you might not be able to store all of the remote control's commands into your 7-in-1.

• You can store a command into any of the 7-in-1's keys except **SET UP**, **LEARN**, **Plug 'n Power**, **TV**, **VCR**, **CBL**, **CD**, **AUX1**, **AUX2**, **SAT**, **SHIFT**, **ENT**, and **TIMER**.

• You can store a command in one of the 7-in-1's keys where you have to press **SHIFT** then the key to activate the command. This lets you store more commands.

Teaching a Command

Important: Make sure there are fresh batteries in both the 7-in-1 and the original remote control before following the steps in this section.

Hint: Program only one or two of your original remote control's commands into the 7-in-1 at a time using the steps in this section, then try those commands before programming more commands.

Follow these steps to teach a command from another remote control to one of your 7-in-1's keys.

1. If this is the first time you are teaching a command to your 7-in-1, follow the steps in "Clearing All Commands" on Page 19.

2. Position the 7-in-1 and the original remote control about 1 or 2 inches apart, so the 7-in-1's infrared eye is pointing at the original remote control's infrared eye. Make sure there is nothing blocking the line of sight between the two.

3. Hold down **SET UP** on the 7-in-1 until the red light above ☀ turns on.

4. Press the device key on the 7-in-1 for the device you want to control. The red light blinks.

5. Press **LEARN** on the 7-in-1.

6. Within 15 seconds, press the key on the 7-in-1 that you want to program. For example, if you want to program the PLAY command

from a VCR's original remote control, press **PLAY** on the 7-in-1.

If the key you want to program is already used for another command, press **SHIFT** before pressing the key. For example, to store the command SHIFT-PLAY, press **SHIFT** then **PLAY** on the 7-in-1.

7. On the original remote control, hold down the key that you want your 7-in-1 to learn until the red light on the 7-in-1 blinks once.

   Note: If the command was not programmed properly, the red light blinks for about 3 seconds then turns off. If this happens, repeat Steps 4–7.

8. Repeat Steps 1–7 to store more commands.

9. When you finish, press **ENT** on the 7-in-1 to save all stored commands.

Note: If you do not press a key within 15 seconds, the red light blinks for about 3 seconds then turns off. Begin again from Step 1.

Clearing All Commands

1. Hold down **SET UP** on the 7-in-1 until the red light above ☼ turns on.

2. Press the device key on the 7-in-1 for which you want to clear all commands. The red light blinks once.

3. Press **LEARN** on the 7-in-1 twice. The red light flashes for a few seconds.

4. Press **SET UP** on the 7-in-1. After a few seconds, the red light flashes then turns off.

IF YOU HAVE PROBLEMS

MANUAL CODE SEARCH

If the 7-in-1 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 23 for the brand of your device, or you can follow these steps to search the 7-in-1's entire library.

1. Manually turn on the device you want to set up.

2. Hold down **SET UP** on the 7-in-1 until the red light above ☼ turns on.

3. Press the corresponding device key on your 7-in-1 Remote Control (**TV**, **VCR**, **CBL**, **CD**, and so on). Or, to search all the codes available to **AUX1** or **AUX2** to control a device, press **AUX1** or **AUX2** then the corresponding device key. The red light blinks once.

4. Aim the 7-in-1 Remote Control at the device you want to operate.

5. Repeatedly press **On** (**CHANNEL + (On), PLAY**, or **POWER (All Lts On)** until the device responds to the command.

6. When the device responds to the command, press **ENT** within 5 seconds to save the code.

   Notes:

   • If you accidentally overshoot the correct code, repeatedly press **LAST** then **On** (**CHANNEL + (On), PLAY**, or **POWER (All Lts On)** on the 7-in-1 to move back through the codes until the device responds to the command.

   • If you do not press **ENT** within 5 seconds, the 7-in-1 does not save the code.

- Because the 7-in-1's library has so many codes, this procedure can take several minutes.

- If your device turns off during the search, but does not operate after you lock in the code, begin the search again, pausing longer between key presses.

If necessary, repeat these steps for each device.

Determining the 3-Digit Code

After you set up your 7-in-1 Remote Control using manual code search, you can find which 3-digit code the 7-in-1 Remote Control is set to by following these steps.

1. Hold down **SET UP** until the red light above ☼ turns on.

2. Press the device key you want to get the manufacturer's code from. The red light blinks once then stays on.

3. Press **SET UP**. The red light blinks once then stays on.

4. Press **0** – **1** – **2** – **3** – **4** – **5** – **6** – **7** – **8** – **9**, waiting a few seconds after you press each number before you press the next one.

   If the red light blinks after you press a number, that number is the first number of your 3-digit manufacturer's code.

5. Repeat Step 4 twice to find the second and third numbers of your 3-digit manufacturer's code. After the red light blinks for the third digit in the code, it turns off.

TROUBLESHOOTING

If the 7-in-1 Remote Control stops working after you have successfully tested the control for each device, or if you are unable to get the remote control to work at all, check these things:

- Be sure you press the device key for the device you want to control before you press any other key.

- Confirm that your remote control devices are working properly by using the original remote control or the manual controls.

- Replace the batteries.

- If some of the keys do not function for your device, you might be able to find a better device code.

MANUFACTURERS' CODES

The following list tells you which 3-digit codes to enter to set up the 7-in-1 Remote Control.

Notes:

- The 7-in-1 Remote Control might not have every command of your original remote controls.

- A key on the 7-in-1 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		
Optimus	106	31-3034 31-3035 31-3036 31-3037 31-3038
Sherwood	079	
AUDIO RECEIVERS		
JVC	143	
Optimus	107	31-3034 31-3035 31-3036 31-3037 31-3038
Technics	144	
AUDIO SYSTEMS		
Optimus	020	13-1283 13-1284 13-1293
	101	13-1277
	102	13-1294
Venturer	098	
CABLE CONVERTERS		
ABC	014, 015, 016, 017, 018, 019, 020	
Antronix	021, 022	
Archer	021, 022, 023, 024	
Cabletenna	021	
Cableview	021	

Manufacturer	Code(s)	RadioShack Cat. No.
CABLE CONVERTERS (Continued)		
Century	024	
Citizen	024	
Colour Voice	025, 026	
Comtronics	027, 028	
Contec	029	
Eastern	030	
Garrard	024	
GC Electronics	022	
Gemini	031, 032	
General Instrument	016	
Hamlin	033, 034, 035	
Hitachi	016	
Hytex	015	
Jasco	024	
Jerrold	014, 016, 017, 018, 020, 031, 037, 062, 063	
Magnavox	038	
Memorex	039	
Movie Time	015, 040	
NSC	015, 040	
Oak	015, 029, 042	
Panasonic	013, 061, 064	
Paragon	039	
Philips	024, 025, 026, 032, 038, 043, 044, 045	
Pioneer	046, 047	
Pulsar	039	
RadioShack	058	15-1288
RCA	013, 060	
Realistic	022	15-1283
Regal	035	
Regency	030	
Rembrandt	016	
Runco	039	
Samsung	027, 047	

Manufacturer	Code(s)	RadioShack Cat. No.
CABLE CONVERTERS (Continued)		
Scientific Atlanta	019, 049, 050, 051, 066, 067	
Signal	027, 031	
Signature	016	
St. Marx	027	
Sprucer	013	
Standard Components	052	
Starcom	014, 020, 031	
Stargate	027, 031	
Starquest	031	
Star Trak	069	
Tandy	053	
Teleview	027	
Texscan	052	
Tocom	017, 054	
Toshiba	039	
Tusa	031	
TV86	040	
Unika	021, 022, 024	
United Artists	015	
United Cable	014	
Universal	021, 022, 023, 024, 055	
Videoway	057	
Viewstar	028, 038, 040, 053, 056	
Zenith	039	
CASSETTE PLAYER		
Optimus	104, 105	31-3034 31-3035 31-3036 31-3037 31-3038
CD PLAYERS		
ADC	013	
Adcom	014, 067	
Aiwa	015, 016	
Akai	068, 090	

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Manufacturer	Code(s)	RadioShack Cat. No.
CD PLAYERS (Continued)		
Audio Alchemy	017	
Audio Technica	018	
BSR	017	
California Audio Labs	069	
Capetronic	022	
Carrera	017	
Carver	019, 020, 021	
Casio	070	
Curtis Mathes	070	
Denon	023, 024	
Emerson	014, 025, 026	
Fisher	020, 027, 028, 029, 030, 071	
GE	078	
Genexxa	025, 026, 031, 072	
Goldstar	032, 073	
Harmon Kardon	033	
Hitachi	031	
Inkel	034	
JC Penney	043, 070	
JVC	035	
Kenwood	027, 036, 037, 038, 080, 081	
Krell	019	
Kyocera	013	
Luxman	039, 040, 082, 083, 091	
LXI	025, 070	
Magnavox	019, 084	
Marantz	019, 041, 042, 085	
MCS	043, 070	
MGA	044	
Mission	019	
Mitsubishi	044, 045	
NAD	074, 092	
Nakamichi	046, 047	
NEC	043	
Nikko	018, 026, 029	

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Manufacturer	Code(s)	RadioShack Cat. No.
CD PLAYERS (Continued)		
NSM	019	
Onkyo	048, 049, 075	
Optimus	025	42-5061
	052	42-5071
	100	42-5044 42-5045
	104	42-5060 42-5062 42-5063
	017, 020, 021, 031, 037, 050, 051, 053	
Panasonic	069, 086, 093	
Philips	019, 084	
Pioneer	031, 054, 055, 072	
Proton	019	
Quasar	069	
RCA	014, 020, 025, 056, 076	
RCA Digital Video Disc	096	
Realistic	014, 020, 022, 026, 031, 042, 050	
	025	42-5061
	052	42-5071
Rotel	019	
SAE	019	
Samsung	094	
Sansui	019, 025, 057, 076, 087	
Sanyo	020, 058, 071, 088, 095	
Scott	014, 025, 026	
Sears	025, 037, 042, 070	
Sharp	037, 042	
Sherwood	034, 042, 051, 059	
Shure	043	
Sony	060, 061	
STS	013	
Sylvania	019	

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Manufacturer	Code(s)	RadioShack Cat. No.
CD PLAYERS (Continued)		
Symphonic	062	
TEAC	029, 042, 052, 062, 063, 064	
Technics	069, 086, 089	
Theta Digital	084	
Toshiba	074	
Vector Research	017, 032	
Victor	035	
Yamaha	018, 065, 066, 077	
DIRECT-TO-HOME SATELLITE RECEIVERS		
Echosphere	071	
Echostar	071	
Dish Network	071	
Hughes Satellite	075	
Optimus	076	16-2575
Panasonic	069, 072	
Primestar	070	
RCA	065	
Sony	066	
Star Sight Cable Services	073	
Toshiba	067, 068, 074	
Uniden	076	
HOME AUTOMATION		
GE Homeminder	015	
Home Automation (For IR Command Console)	014	
X-10 (NEC) (For RF Transceiver Console)	013	
LASER DISC PLAYERS		
Pioneer	093	
Proscan	146	
RCA	146	
SATELLITE RECEIVERS		
Amplica	028	
Birdview	029	
Channel Master	030, 031, 032	

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Manufacturer	Code(s)	RadioShack Cat. No.
SATELLITE RECEIVERS (Continued)		
Chaparral	013, 014, 033	
Cheyenne	014	
Drake	015, 016, 038, 039, 040	
DX Antenna	021, 035	
Echostar	041, 042, 043	
Fujitsu	044, 045	
General Instruments	017, 018, 019, 046	
Janeil	049	
Jerrold	050	
Kenwood	051	
Luxor	052	
Macom State	053	
Norstat	054	
Realistic	020, 056, 057	
Scientific Atlanta	060	
Sierra I, II, III	014	
Star Trak	061	
STS	021, 022, 023, 024	
Super Guide	062	
Toshiba	025	
Uniden	026, 064	
Video Cipher II	027	
TELEVISIONS		
Abex	185	
Acme	003	
ADA	030	
ADC	004, 097	
Admiral	014, 186	
Adventura	187	
Aiko	029	
Alleron	059	
Amtron	051	
Akai	015	
Amstrad	202	
Anam National	016, 051, 055, 205, 206, 207	

Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
AOC	017, 018, 020, 022, 027, 188, 208	
Audiovox	051	
Belcor	017	
Bell & Howell	014, 062, 096	
Bradford	051	
Brokwood	017	
Candle	017, 021, 022, 187	
Capehart	188	
Celebrity	015	
Centurion	022	
Cetronic	055	
Citizen	017, 021, 022, 029, 051, 055, 084, 118, 184, 187, 190	
Clairtone	027	
Classic	055	
Colortyme	017, 022, 023, 213	
Concerto	017, 022	
Contec/Cony	024, 026, 027, 051, 055, 184	
Craig	051, 055	
Crown	051, 055, 184	
Curtis Mathes	013, 017, 022, 028, 062, 084, 118, 184	
CXC	051, 055	
Daewoo	017, 018, 022, 029, 030, 031, 055, 098, 139, 140, 184	
Daytron	017, 022, 184	
Dimensia	013	
Dumont	017, 134	
Dynasty	055	
Dynatech	191	
Electroband	015, 027	
Electrohome	016, 017, 018, 022, 035	
Emerson	017, 022, 027, 036, 037, 038, 039, 040, 043, 044, 045, 046,	

Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
Emerson (continued)	047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 062, 136, 137, 176, 184, 190, 192, 210	
Envision	017, 022	
Fisher	026, 062, 064, 193	
Fujitso	059	
Funai	051, 055, 059	
Futuretec	051, 055	
GE	013, 016, 017, 022, 035, 065, 067, 068, 100, 176, 177, 179, 180, 194	
Gibralter	017, 134	
Goldstar	017, 018, 022, 069, 070, 071,168, 169, 184, 185	
Grundy	051, 059, 184	
Hallmark	017, 022	
Harvard	051	
Hitachi	017, 022, 024, 026, 072, 073, 074, 100, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 163, 184, 192, 211, 212	
IMA	051	
Infinity	075	
Janeil	187	
JBL	075	
JCB	015	
JC Penney	013, 017, 018, 021, 022, 035, 065, 067, 071, 076, 077, 084, 100, 118, 141, 184, 185, 194, 214	
Jensen	017, 022	
JVC	024, 026, 067, 073, 078, 079, 080, 102, 171, 172, 184, 195	

Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
Kawasho	015, 017, 022	
Kaypanl	188	
KEC	055	
Kenwood	017, 022	
Kloss Novabeam	081, 082, 187	
KTV	027, 051, 055, 083, 184, 190	
Lodgenet	096	
Loewe	075	
Logik	096	
Luxman	017, 022	
LXI	013, 022, 062, 075, 084, 194	
Megatron	022, 072	
Magnavox	017, 021, 022, 075, 081, 082, 087, 088, 089, 090, 101, 102, 143, 145, 146, 197	
Majestic	096	
Marantz	017, 022, 075, 091	
Matsui	075	
MEI	027	
Memorex	014, 018, 022, 062, 096	
MGA	017, 018, 022, 035, 059, 064, 092,	
Midland	067, 134, 184, 185, 194	
Minutz	065	
Mitsubishi	017, 018, 022, 035, 059, 064, 092, 094, 102, 138	
Montgomery Ward	013, 014, 017, 018, 022, 037, 046, 059, 065, 075, 081, 082, 087, 088, 089, 096, 100, 101, 108, 132, 133, 197	
Motorola	016, 186	
MTC	017, 018, 022, 027, 084, 118, 191	
Multitech	051, 191	

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Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
Multivision	097	
NAD	022, 084, 198	
NEC	016, 017, 018, 022, 098, 102, 108, 213	
Nikei	055	
Nikko	022, 029	
NTC	029	
Onking	055	
Onwa	051, 055	
Optimus	183	
	198	31-3031
Optonica	108, 186	
Orion	048	
Panasonic	016, 067, 075, 183	
Philco	016, 017, 018, 021, 022, 075, 081,082, 087, 088, 090, 184, 197	
Philips	016, 017, 019, 021, 022, 075, 081, 082, 087, 088, 089, 099, 100, 101, 102, 184	
Pilot	017, 184	
Pioneer	017, 022, 103, 104, 105, 192, 198	
Portland	017, 018, 022, 029, 184	
Price Club	118	
Prism	067	
Proscan	013, 194	
Proton	017, 022, 106, 184, 188, 199	
Pulsar	017, 134	
Quasar	016, 067, 083, 107	
RadioShack/Realistic	013	16-291 16-292
	017	16-288
	022	16-263
	062	16-229 16-261 16-515

Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
RadioShack/Realistic (continued)	108	16-232 16-233 16-242 16-246 16-251 16-252 16-253 16-255 16-256 16-260 16-262 16-288
	184	16-254 16-255 16-256
	013	16-291 16-292
RCA	013, 016, 017, 018, 020, 022, 109, 111, 112, 113, 114, 115, 116, 142, 192, 194, 200, 201	
Rhapsody	027	
Runco	134	
Sampo	017, 022, 184, 185, 188	
Samsung	017, 018, 022, 024, 028, 084, 117, 118, 119, 184, 185, 214, 217	
Samsux	184	
Sanyo	017, 026, 062, 064, 120, 121, 193	
Scotch	022	
Scott	017, 022, 037, 048, 051, 055, 059, 184	
Sears	013, 017, 022, 026, 059, 062, 064, 079, 084, 118, 122, 123, 193, 194, 202, 210	
Sharp	017, 022, 108, 124, 125, 126, 127, 135, 184, 186	
Shogun	017	
Signature	014, 096, 128	
Simpson	021	

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Manufacturer	Code(s)	RadioShack Cat. No.
TELEVISIONS (Continued)		
Sonic	027	
Sony	015, 019	
Soundesign	017, 021, 022, 051, 055, 059	
Squareview	202	
SSS	017, 051, 055	
Starlite	051	
Supremacy	187	
Supreme	015	
Sylvania	017, 021, 022, 075, 081, 082, 087, 088, 089, 090, 101, 174, 197	
Symphonic	046, 051, 202	
Tandy	186	
Tatung	016, 191	
Technics	067	
Techwood	017, 022, 067	
Teknika	017, 018, 021, 022, 026, 029, 051, 055, 059, 084, 089, 096, 118, 183, 184, 187	
Telecaption	130	
Telerent	096	
Tera	199	
TMK	017, 022	
Toshiba	026, 062, 084, 102, 118, 122, 130, 131, 214	
Totevision	184	
Universal	065, 100	
Victor	079, 195	
Vidtech	017, 018, 022	
Viking	187	
Yamaha	017, 018, 022	
Yupiteru	055	
Zenith	096, 134, 166	

Manufacturer	Code(s)	RadioShack Cat. No.
TV/VCR COMBINATIONS		
RadioShack	183 (TV functions) 122 (VCR functions)	16-421/ 16-422
VCRs		
Admiral	014	
Adventura	039	
Aiko	040	
Aiwa	015, 039	
Akai	016, 017, 018, 019, 020, 021, 042, 124, 125	
American High	073	
Asha	026	
Audio Dynamics	022, 023	
Audiovox	027	
Bell & Howell	024	
Beaumark	026	
Broksonic	025, 038	
Calix	027	
Candle	026, 027, 028, 029, 030, 031, 032	
Canon	035, 073, 127	
Capehart	033, 123	
Carver	075	
CCE	040, 074	
Citizen	026, 027, 028, 029, 030, 031, 032, 040	
Colortyme	022	
Colt	074	
Craig	026, 027, 036, 074	
Curtis Mathes	013, 015, 022, 026, 029, 031, 035, 037, 073, 128	
Cybernex	026	
Daewoo	028, 030, 032, 038, 039, 040, 041, 123	
Daytron	123	
DBX	022, 023	
Dimensia	013	

Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Dynatech	015, 039	
Electrohome	027, 042	
Electrophonic	027	
Emerson	015, 019, 025, 027, 028, 037, 038, 039, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 060, 073, 078, 118, 129, 130	
Fisher	024, 036, 061, 062, 063, 064, 065, 131	
Fuji	073, 132	
Funai	015, 039	
Garrard	039	
GE	013, 026, 035, 066, 073, 128, 133	
Goldstar	022, 027, 031, 067, 134	
Gradiente	039	
Harley Davidson	039	
Harman Kardon	022, 081	
Harwood	074	
Headquarter	024	
Hitachi	015, 068, 069, 070, 120, 124, 133, 135	
HI-Q	036	
Instant Replay	073	
JCL	073	
JC Penney	022, 023, 024, 026, 027, 035, 068, 069, 072, 073, 120, 124, 131	
Jensen	124	
JVC	022, 023, 024, 031, 124, 136	
Kenwood	022, 023, 024, 029, 031, 124, 136	
KLH	074, 144	
Kodak	027, 073	
Lloyd	015, 039	

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Logik	074	
LXI	027	
Magnavox	035, 073, 075, 076, 117, 121, 137	
Magnin	026	
Marantz	022, 023, 024, 029, 031, 073, 075, 077, 127	
Marta	027	
Matsushita	073	
MEI	073	
Memorex	014, 015, 024, 026, 027, 036, 039, 056, 073, 117, 125	
MGA	042, 078	
MGN Technology	026	
Midland	066	
Minolta	068, 069, 120	
Mitsubishi	042, 055, 068, 069, 078, 079, 081, 082, 083, 084, 086, 087, 136	
Montgomery Ward	014, 088, 014, 015, 026, 027, 028, 036, 039, 042, 068, 069, 073, 074, 088, 114, 120, 129	
Motorola	014, 073	
MTC	015, 026, 039	
Multitech	015, 026, 039, 066, 074	
NEC	022, 023, 024, 029, 031, 077, 089, 090, 091, 092, 124, 136	
Nikko	027	
Noblex	026	
Olympus	073	
Optimus	014	16-538 16-539 16-540
	027	16-406 16-408 16-410

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Optimus (continued)	027 (continued)	16-411 16-529 16-530 16-623 16-705
	149	16-545
	150	16-419 16-423
	122	
Optonica	088, 147	
Panasonic	035, 073, 122, 138, 139, 140	
Pentax	029, 068, 069, 120, 133	
Pentex Research	031	
Philco	035, 073, 075, 076	
Philips	073, 075, 088, 137	
Pilot	027	
Pioneer	023, 068, 093, 094, 136	
Portland	029, 030, 032, 123	
Proscan	013	
Protec	074	
Pulsar	117	
Quarter	024	
Quartz	024	
Quasar	035, 073, 138	
RCA	013, 016, 026, 068, 069, 073, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 120, 128, 133, 138	
RadioShack/Realistic	014	16-542 16-544 16-616 16-627 16-627 16-628 16-653
	015	16-404 16-405 16-410 16-411

Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
RadioShack/Realistic (continued)	015 (continued)	16-411 16-508 16-510 16-519 16-622 16-703 16-704
	027	16-408 16-414 16-515 16-534 16-535 16-624
	035	16-651 16-705
	036	16-511 16-512 16-513 16-515 16-516 16-518 16-613 16-614 16-615 16-652
	039	16-404 16-406 16-410 16-411 16-508 16-510 16-519 16-522 16-703 16-704
	073	16-651 16-705
	148	15-1957
	149	16-545
	150	16-419 16-423
	151	16-425
	013, 024, 026, 042, 063, 088, 122, 125	
Radix	027	
Randex	027	
Ricoh	141	

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Runco	117	
Samsung	018, 026, 028, 046, 066, 125	
Sankyo	014, 117	
Sansui	023, 105, 124, 136	
Sanyo	024, 026, 036	
Scott	025, 028, 038, 045, 051, 078, 106, 129	
Sears	024, 027, 036, 061, 062, 063, 064, 068, 069, 073, 120, 131	
Sharp	014, 015, 030, 042, 088	
Shintom	017, 069, 074, 111, 145	
Shogun	026	
Signature	015	
Singer	073, 074	
Sony	017, 111, 112, 132, 141	
STS	073, 120	
Sylvania	015, 035, 039, 073, 075, 076, 078, 137	
Symphonic	015, 039	
Tandy	015, 024	
Tashiko	027	
Tatung	124	
TEAC	015, 039, 098, 124	
Technics	073, 122	
Teknika	015, 027, 039, 073, 113, 142	
Toshiba	028, 062, 064, 068, 078, 106, 129	
Totevision	026, 027	
TMK	026, 037, 060	
Unitech	026	
Vector Research	022, 023, 028, 029	
Victor	023	
Video Concepts	022, 023, 028, 029, 042	

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Videosonic	026	
XR-1000	073, 039, 074	
Yamaha	022, 023, 024, 031, 124	
Zenith	017, 111, 117, 132, 141	

CARE AND MAINTENANCE

Your RadioShack 7-in-1 Remote Control is an example of superior design and craftsmanship. The following suggestions will help you care for your 7-in-1 so you can enjoy it for years.

Keep the 7-in-1 dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode electronic circuits.

Handle the 7-in-1 gently and carefully. Dropping it can damage circuit boards and cases and can cause it to work improperly.

Use and store the 7-in-1 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.

Keep the 7-in-1 away from dust and dirt, which can cause premature wear of parts.

Wipe the 7-in-1 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it.

Modifying or tampering with the 7-in-1's internal components can cause a malfunction and invalidate its warranty. If your 7-in-1 is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

Power .... 4 AAA Batteries

Control Range:

    IR .... 20 Feet (6.096 M)
    RF .... 100 Feet (30.48 M)

Dimensions (HWD) ...... 8$1/2$ ¥ 2$7/16$ ¥ 1$1/16$ Inches
                                (21.6 ¥ 6.26 ¥ 2.65 cm)
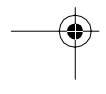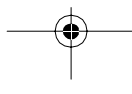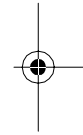
Weight (Without Batteries) .... 5.1 oz. (144 g)

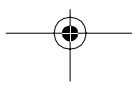Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.
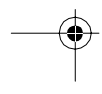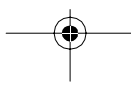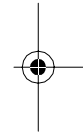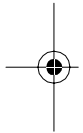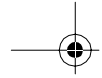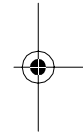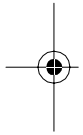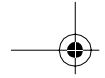
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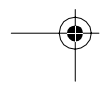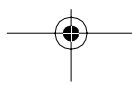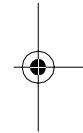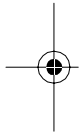
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