

FEATURES :

Your Radio Shack 6-in-1 Remote Control lets you operate almost any infrared device in your home. The 6-in-1 Remote Control can replace up to six standard remote controls. Unlike some universal remote controls, the 6-in-1 is pre-programmed and does not have to learn its commands from the original remote controls. All you have to do is enter the 3-digit code for each infrared remote control device you want to operate. The 6-in-1 Remote Control is automatically ready to operate most of the same functions as the original remote controls.

The 6-in-1 Remote Control also has these features:

- **Powerful Infrared Beam** - Lets you operate your remote control devices from a greater distance than many original remote controls.
- **Convenient Keypad Design** - Means each control key is in the perfect position for easy operation.
- **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.
- **Toll-Free Upgrading** - Call our toll-free Radio Shack 6-in-1 set-up line at 1-800-950-7044 and we will upgrade your remote control over the phone.

You need four AAA batteries (not supplied) to power your remote control.

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.

HOW THE 6-IN-1 REMOTE CONTROL WORKS:

Before you begin to use the 6-in-1 Remote Control, it is helpful to understand a little about how it works - nothing technical, only an idea of what you can expect from the 6-in-1 Remote Control and its different groups of keys.

When you set up the 6-in-1 Remote Control, its command keys work like the keys on your original remote controls. For example, a key labeled POWER ON/OFF is equivalent to the 6-in-1 Remote Control's PWR key.

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

KEY/FUNCTION:

[VCR] [AUX 1]
[TV] [AUX 2]
[CBL] [CD]
[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.

[A/B]
A/B operates the same as the A/B key on your original remote control.

[Light Bulb Symbol]
Illuminates your keypad for use in dark or dimly lit rooms.

[SETUP]
Used in setting up your devices.

[PWR] [LAST]
[ENTER] [MUTE-ALL/OFF]
[VOL-BRT] [CH-ON]
[VOL-DIM] [CH-OFF]
These keys, as well as the digit keys, operate the same as the keys on your original remote control.

[SCAN]
Allows you to easily browse through channels on your TV, VCR, or cable box.

[PROG] [TV/VCR] [DISPLAY]
[AUDIO SEQ] [VIDEO SEQ]
These keys operate the same as the keys on your original remote control.
[SURROUND] [SHIFT]
These keys are for special SEQUENCES that you set up.

[>PLAY-FRONT] [>>FF-RIGHT]
These keys are for controlling your Surround Sound system and other similar devices.

[STOP-REAR] [<<REW-LEFT]
[RECORD] [PAUSE]

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 indicator light comes 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 erasing audio or video tapes.
- If you use the 6-in-1 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 most commonly used functions on the original.

PREPARATION:

INSTALLING BATTERIES:

You need four AAA batteries to power your remote control. We recommend alkaline batteries, such as Radio Shack 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 in the battery 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 Remote Controls 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.

USING THE (Symbol) KEY:

The backlight lets you see the keys on your 6-in-1 in the dark. Press (Symbol) to light the keys. Also, 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 (Symbol) again.

SETTING UP YOUR REMOTE CONTROL:

1. Refer to "Manufacturer's Codes" on Faxback Doc. #36485 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 "Operation" on Faxback Doc. # 38051 if you need help.

2. Press the device key for the type of remote you are replacing (CD, VCR, CBL, TV, AUX 1 or AUX 2).

3. Press and hold SET UP until the red indicator 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

4. When the red indicator light blinks twice again, the 6-in-1 has accepted the code.

5. Point the 6-in-1 Remote Control at your device and press PWR (or CH/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 the "Manufacturer's Codes" for your brand of TV, VCR, cable converter, or other devices.

Repeat Steps 2-5 for additional devices.

Note:
The punch-through feature (see "Operation" on Faxback Doc. #38051) 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 actually sends that function to the television, not 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 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.

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, AUX 1, or AUX2) to control another type of device.

1. Press SET UP until the red indicator light blinks twice.
2. Press 9 - 9 - 2. The red indicator 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 indicator 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, use the following sequence of keystrokes.

SET UP - 9 - 9 - 2 - CBL - CBL

OPERATION:

To use the 6-in-1 Remote Control, do the following:

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 + 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 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 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 PWER. To turn off other devices, press the device key for the device you wish to turn off and then press PWR.

CONTROLLING LIGHTS AND APPLIANCES:

The Plug 'n Power feature allows you to control lamps and appliances with your 6-in-1 Remote Control and an IR Command Console. You will need Plug 'n Power light modules and appliance modules plus an IR Command Console (all available through your local Radio Shack store) to use this feature.

Follow these steps to control Plug 'n Power modules with the 6-in-1 Remote Control and an IR Command Console.

1. Set the house code dial on top of your IR Command Console to the same letter as your Plug'n Power modules.
2. Set the bank switch on your IR Command Console for the group of modules you want to control (1-4 or 5-8).
3. Press Plug 'n Power on the 6-in-1 Remote Control.
4. To turn on all light and appliance modules set to the same code as your Command Console, press All Lts On (PWR) on the 6-in-1 Remote Control, or ALL LIGHTS ON on the Command Console.

To turn off all light and appliance modules set to the same house code as your Command Console, press All Off (MUTE) on the 6-in-1 Remote Control, or ALL UNITS OFF on the Command Console.

5. To turn on or off specific lights and appliances using the 6-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 (CH + or CH-).

To control specific lights and appliances directly from your Command Console, press the button on the console which 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 your Command Console to control the device.

6. To brighten or dim lights connected to lamp and appliance modules, press the digit key for the module you want to control. Then press 1 and hold Brt or Dim on the remote control (or BRIGHT or DIM on your 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 UNITS ON to turn on all the lights at the same time.

CHANNEL SCAN:

Channel Scan lets you scan through 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).
2. Aim the 6-in-1 Remote Control at your device and press SCAN. The 6-in-1 scans through the available 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 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 particular device, it will not work for any other device, until you clear Favorite Channel Scan.

1. Press the desired device key (TV, VCR, or CBL).
2. Press and hold down SET UP until the red indicator light blinks twice, then release it.
3. Press 9 - 9 - 6. The red indicator light 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 SET UP and release.

For example:

0 - 9 - SET UP (for channel 9)

1 - 2 - SET UP (for channel 12)

1 - 4 - SET UP (for channel 14)

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 6-in-1 Remote Control's memory.

6. Continue entering 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 indicator light blinks twice.

Using Favorite Channel Scan:

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

The 6-in-1 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. Press and hold down SET UP until the red indicator light blinks twice.
2. Press 9 - 9 - 6. The red indicator light blinks twice.

3. Press and release SET UP, then press and hold SET UP until the red indicator light blinks twice again.

SEQUENCES:

You can set up your 6-in-1 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 the sequence of commands that turns on your cable box and your TV and puts the TV on Channel 3, and how this sequence happens when you press VIDEO SEQ.

1. Press and hold SET UP until the red indicator light blinks twice, then release it.
2. Press 9 - 9 - 5. The red indicator 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, press and hold SET UP until the red indicator light blinks twice.

Whenever you press the selected sequence key, your 6-in-1 Remote Control will issue the sequence of commands you entered.

Note:

The 6-in-1 must be pointed at the device.

Erasing a Sequence:

1. Press and hold SET UP until the red indicator light blinks twice.
2. Press 9 - 9 - 5. The red indicator light blinks twice. Press the sequence key you want to erase.

3. Press and hold SET UP until the red indicator 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 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 functions not used by the VCR retain their TV functions.

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 keys.

Turning Punch-Through On and Off:

If your cable converter or VCR has 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 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 the punch-through feature.

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

IF YOU HAVE PROBLEMS:

MANUAL CODE SEARCH:

If the 6-in-1 Remote Control does not operate your remote controlled devices when you first set it up, you may have to find the code for your devices. You can try all the codes listed in the "Manufacturer's Codes" section for the brand of your device. You can also search the 6-in-1 Remote Control's entire library by following these steps.

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

For example, if you are searching for the 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, immediately press SET UP to lock in the manufacturers' code.

Note:

Because of the large number of codes in the 6-in-1 Remote Control's library, this procedure can take several minutes. If your device turns off during the search, but will not operate after you lock in your 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 6-in-1 Remote Control using the manual code search, you can find which 3-digit code the 6-in-1 Remote Control is set to by following these steps.

1. Press the device key you want to get the manufacturer's code from.
2. Press and hold SET UP until the red indicator light blinks twice, then release it.
3. Press 9 - 9 - 0. The red indicator light blinks twice.
4. Press 1, and count the number of times the red indicator light blinks.

This is the first number of your 3-digit manufacturer's code.

Note:

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

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

Note:

The red indicator 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 indicator 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 4-digit manufacturer's code is a zero.

TROUBLESHOOTING:

If the 6-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 the following:

- 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 Remote Control, you might want to upgrade your remote control with new codes. This can be done by simply calling our toll-free Radio Shack Customer Service Hotline at 1-800-950-7044. If you have already set up your 6-in-1 for other equipment, downloading updated information erases those codes from the 6-in-1 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.

To upgrade your 6-in-1 Remote Control, simply follow these steps:

1. Write down the brand names, model numbers and manufacturer's dates for each type of device (TV, VCR, cable box, etc.) that you want to upgrade into your 6-in-1 Remote Control. Have this information with you when you call the Radio Shack customer service representative.
2. Call the Radio Shack Customer Service Hotline at 1-800-950-7044.
3. Tell the customer service representative the brand name, model number, and manufacture date for each infrared device you want to load into your 6-in-1 Remote Control.
4. After providing the brand, model, and manufacture date information to the Customer Service Representative, press SET UP until the red indicator light blinks twice. Then, press PWR and the red indicator light will light continuously.
5. Hold the 6-in-1 Remote Control up to your telephone's earpiece as shown.

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 Remote Control

might not be able to properly receive the information coming over the telephone.

- While the 6-in-1 Remote Control is receiving information, the red indicator light blinks occasionally to confirm the information transfer.
- When the 6-in-1 Remote Control has successfully received the information for your infrared devices and downloading is completed, the red indicator light blinks twice.

Fast Search:

If you have downloaded more than one device code, the remote control has a Fast Search feature which 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 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. The remote control will send 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.
3. Continue pressing the number keys (2, 3, 4, and so on) in succession until your TV responds.
4. Once your TV responds, press any other device key to lock in your code.

Repeat Steps 1-4 to search other devices that you have downloaded codes for from your telephone the same way.

5. To leave Fast Search, press SET UP.

Notes:

You can search up to eleven codes for each device mode (TV, VCR, and so on) provided eleven codes were loaded.

You can change devices in Fast Search by pressing the appropriate device key (TV, VCR, CBL and so on) or press SET UP to exit Fast Search at any time.

Specifications:

Power:

Four AAA Alkaline Batteries

I/R Control Range:

25 Feet (7.62 M) +/- 30 degrees

Size (HWD):

8 1/25 x 2 3/7 x 1 1/7 in (20.4 x 6.2 x 2.8 cm)

Weight (Without Batteries):

4.1 oz (116.2g)

Care and Maintenance:

Your Radio Shack 6-in-1 Remote Control is an example of superior design and craftsmanship. The suggestions below will help you maintain this remote so you can enjoy using it for many years.

- Keep it dry. If it gets wet, wipe it dry immediately. Liquids contain materials that can corrode the electronic circuits.
- Handle the remote control gently and carefully. Dropping it can damage its circuit board and case, causing the remote control to work improperly.
- Use and store the remote control only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.
- Keep the remote control away from dust and dirt, which can cause premature wear of parts.
- Wipe the remote control with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents to clean the remote control.
- To prevent damage, do not twist the remote control.
- If the remote control is not working properly, take it to your local Radio Shack store for assistance.

MANUFACTURER'S CODES:

AUDIO AMPLIFIERS:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
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	31-2022
	395	31-2100
	395	31-2105
	395	31-2106
	395	31-2107
	395	31-2120
	395	31-3018
	395	31-3019
	395	31-3021
	395	31-3022
	013	31-3024
	013	31-3025
	013	31-3026

	013	31-3027
Optimus	013	31-3027
	013	31-3028
	300	31-3029
	300	31-3030
	300	31-3031
Phillips	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:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
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	
NAD	320	
Nakamichi	075, 347	
Nikko	215, 322, 407	
Onkyo	100, 119, 135, 144, 380	
Optimus	186	13-1251
	177	31-3017
	177	31-3020
	080	31-3027
	080	31-3028
	080	31-3029

	080	31-3030
Panasonic	039, 389	
Penney	195, 449	
Phillips	189	
Pioneer Unified	014, 080, 150	
Proton	026, 047	
Quasar	039	
RCR Unified	054, 360	
Realistic	181	13-1233
	181	13-1234
	181	13-1235
	182	13-1236
	182	13-1238
	181	13-1243
	181	13-1244
	182	13-1246
	163	13-1800
	178	16-1285
	001	31-1130
	025	31-3016
STS	217, 189, 193, 323	
Scott	105, 163, 322, 418, 396, 390, 449	
Sharp	117, 186	

Sherwood	062, 066, 324
Sony Unified	158, 168, 415, 474
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:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No</u>
ADC	171	
Aiwa	029	
Akai	188, 189	
Carver	029	
Denon Unified	076	
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	300	13-1247
	439	13-1247
	027	31-3028
	027	31-3029
	220	31-3027
	220	31-3028
	220	31-3029
	027	31-3030
	220	31-3030
	027	31-3031
	220	31-3031
Panasonic	250, 272	
Phillips	029	
Pioneer	027, 099, 220	
Proton	028	
Sansui	029	
Sony	170, 243	
Wards	027	
Yamaha	094	

CABLE CONVERTERS:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
ABC	011, 014, 007, 013, 017, 003, 001	
Antronix	207	
Archer	022	15-1285
	207	15-1285A
	207	15-1285
	039	15-1285
	153	15-1287
Cable Star	056	
Century	153	
Citizens	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, 026, 024,	

	015, 047, 098, 276, 012, 476	
Macon	033	
Magnavox	027, 032	
Memorex	000	
Movie Time	078, 203, 063	
NSC	063, 070, 203	
Oak	007, 019, 248	
Panasonic	021, 107	
Paragon	000	
Phillips	060, 153, 027 028, 029, 030, 031, 290, 025, 242	
Pioneer	144, 023, 260	
Popular Mechanics	400	
Pulsar	000	
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:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No.</u>
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
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	
Nakamichi	097, 147	
Nikko	170, 174, 164	
Onkyo	102, 101, 138	
Optimus	037	13-1251
	032	31-3027
	032	31-3028
	032	31-3031
	175	42-5013
	179	42-5015
	194	42-5016

	196	42-5019
	420	42-5022
	437	42-5023
	437	42-5024
	437	42-5030
	426	42-5031
	179	42-5037
	342	42-5037
	032	42-5040
	032	42-5044
	305	42-5048
	179	42-5049
Panasonic	029, 388	
Penney	043	
Phillips	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

420

42-5022

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
STS	018
Sylvania	157, 225
Symphonic	183
Tandy	032
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

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HOME AUTOMATION:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
GE	240	
One-For-All	167	
Radio Shack Security System	240	61-2677
Universal	167	
One-For-All Security System	167	

LASER DISCS:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
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	

Phillips	064	
Pioneer United	023, 059	
RCA	128, 351	
Realistic	203	16-302
Sharp	001	
Sony	193, 201	
Yamaha	217	

MISCELLANEOUS AUDIO:

<u>Manufacturer</u>	<u>Code (s)</u>	<u>Radio Shack Cat. No.</u>
ADC	086	
Aiwa	010, 159, 404	
Audio Source	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:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No.</u>
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, 066, 149, 150, 245	
Echostar	148, 159, 269	
Fujitsi	186, 236	
General Instruments	071, 038, 050	
HYTEK	095	

Janeil	152	
Jerrold	036	
Kenwood	264	
Luxor	083	
Macom	050, 018, 061	
Memorex	269	
NEC	102	
Norsat	004, 165	
Panasonic	152	
PRIMESTAR	361	
RCA DSS	566	
Realistic	051	16-2501
	052	16-2507
STS	041, 065, 190, 210	
Scientific Atlanta	234	
Sony DSS	639	
Star Trak	180	
Super Guide	311	
Toshiba	061, 082	
Uniden	076, 052	
Video Cypher II	050	

TELEVISIONS:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No.</u>
Admiral	093, 016	

Aiko	092
Aikai	030, 098
Anam	180, 068, 004
Anam National	161, 055
AOC	019, 030, 185, 137, 052, 003
Audiovox	003, 180
Bell & Howell	016, 154
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
Harmon Kardon	078
Hitachi	151, 145, 227, 056, 038, 095, 097, 173, 279
Infinity	054
Kenwood	030
JVC	053, 182, 069, 169
Jensen	050
KTV	185, 039, 180, 217, 280
Kamp	216
Kawwasho	216, 308
Kenwood	030
Kloss	078, 046, 024
LXI	047, 154, 156, 154, 148
Logik	016
Luxman	056
MGA	150, 155, 030, 178, 019
Magnavox	054, 096, 187, 186, 030, 028, 024, 020, 230

Marantz	054, 030	
Matsui	217	
Memorex	016, 154	
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	166	31-3031
Optonica	093, 165	
Panasonic	051, 055, 054, 338, 162, 250	
Penneys	030, 021, 060, 135, 047, 149, 039, 019, 018	
Philco	054, 030, 019, 020, 024, 028, 186, 187, 096	
Phillips	054	
Pioneer	166, 038	
Portland	019, 039, 092	
Proscan	047	
Proton	052, 031, 178	
Pulsar	017	
Quasar	055, 051, 219	
Radio Shack	154	16-229

032	16-230
165	16-232
039	16-233
165	16-233
039	16-234
165	16-236
180	16-246
165	16-250
165	16-251
180	16-252
165	16-252
165	16-253
180	16-253a
030	16-254
030	16-255
030	16-256
178	16-256
165	16-260
165	16-262
180	16-262
019	16-263
030	16-265
178	16-268
178	16-280

	056	16-288
	180	16-292
	154	16-299
	047	16-2089
RCA	047, 018, 135, 029, 019, 254, 174, 038	
Realistic	154	16-229
	032	16-230
	039	16-231
	165	16-232
	165	16-233
	039	16-234
	165	16-235A
	165	16-236
	180	16-242
	180	16-246
	165	16-250
	165	16-251
	180	16-252
	180	16-253A
	019	16-254
	030	16-255
	030	16-256
	165	16-260
	154	16-261

	180	16-262
	019	16-263
	178	16-263
	030	16-265
	056	16-288
	154	16-299
	178	16-280
	180	16-292
	154	16-515
Sampo	030, 052, 100, 110	
Samsung	060, 039, 019, 030, 032, 056	
Sanyo	154, 159, 146, 232	
Scott	236, 179, 180	
Sears	148, 047, 154, 158, 178, 146, 159, 056, 179, 149	
Sharp Signature	093, 165, 153, 039, 220 016	
Sony	000, 011, 111, 080, 273	
Soundesign	178, 180, 186	
SSS	019, 180	
SupreMacy	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

VCR's:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No.</u>
Action	317	
Aiwa	000	
Akai	041, 049, 106, 242,	

	156, 053, 061
Bell & Howell	104
Broksonic	211, 184, 121, 361
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	
Logik	072	
Magnavox	035, 081, 110, 103, 149, 039	
Marantz	035, 081, 038, 146	
Marta	037	
MEI	035	
Memorex	037, 039, 000, 048, 104, 046, 035, 047, 299, 268	
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	048	16-538
	048	16-539
	048	16-540
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	
Phillips	035, 081, 110, 062	
Pilot	037	
Portland	020	
Pulsar	039	
Pulsar	051	
Quartz	046, 155	
Quasar	035, 077, 081, 110	
RCA	060, 202, 035, 077, 065, 042, 105, 149	
Radio Shack	037	16-415
	000	16-417
Realistic	104	16-251
	000	16-404
	000	16-406
	037	16-408
	000	16-410
	000	16-411
	037	16-414
	035	16-472
	066	16-503
	062	16-503
	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
037	16-515
047	16-516
047	16-518
000	16-519
104	16-520
104	16-521
000	16-522
104	16-529
104	16-530
240	16-533
037	16-534
037	16-535
104	16-536
104	16-537
240	16-541

048	16-542
048	16-544
104	16-563
046	16-600
046	16-601
062	16-610
048	16-611
048	16-612
047	16-613
047	16-614
047	16-615
048	16-616
048	16-616
104	16-617
104	16-623
037	16-624
104	16-625
048	16-627
048	16-628
035	16-651
047	16-652
048	16-653
062	16-700
048	16-701

	048	16-702
	000	16-703
	000	16-704
	035	16-705
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	
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
Zenith	039, 033, 034, 032

VIDEO ACCESSORIES:

<u>Manufacturer</u>	<u>Code(s)</u>	<u>Radio Shack Cat. No.</u>
Channel Master	094	
Jebsee	160	
Rabbit	081	
Radio Shack	160	15-1957
Superguide	169	
Telecaption	171	