



5-In-One Learning Light-Up Remote



Owner's Manual
Please read before using this equipment.

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Features

Your Radio Shack 5-In-One Learning Light-Up Remote allows you to control your TV, VCR, cable/SAT/DSS converter, DVD player, and an auxiliary device with one easy-to-use remote control.

Its features include:

Learning — stores and recalls additional remote control functions

Sleep Timer — lets you program your TV or cable/satellite system to turn itself off

Extensive Searchable Code Library — contains remote control codes for most available brands, including discontinued devices

Channel Scan — lets you “channel surf” all available channels

Favorite Channel Scan — lets you select only your favorite channels to “surf”

Programmable Power Key — controls master on/off of home entertainment devices with a single key press

Programmable Macro Keys — allow instant tuning to favorite channels

Mode Reassignment — lets you add control of another TV, VCR, DVD player or other auxiliary device in place of an existing device

Powerful Infrared Beam — lets you operate your home entertainment devices from a greater distance than with many of the original remote controls

Illuminated Keypad — provides easy-to-read remote control operation in low light

Non-Volatile Memory — retains stored device codes and any programmed settings when batteries are low or must be replaced

A Quick Look at the Keys

Your Radio Shack 5-In-One Learning Light-Up Remote controls the most-used functions on your TV, VCR, cable/SAT/DSS converter, DVD player, and an auxiliary device.

After you set up the remote control, its command keys will work like the keys on your original remote controls. For example, depending on the device you select (TV, VCR, CBL/SAT, DVD, or AUX) **POWER** will operate just like the **POWER ON/OFF** key on the remote control for your original TV, VCR, cable/SAT/DSS, DVD player, or auxiliary device.

The following table lists all keys and how they function.

Key	Function
P	Use to program the remote control. The P key is slightly recessed to avoid accidental programming changes. You might need to use a pointed device, such as a ballpoint pen, to apply sufficient pressure.
Light Key	Use to turn the backlight on or off. When on, any key press activates the backlight. It stays on for up to 5 seconds after the last key press.
TV, VCR, CBL/SAT, and DVD	Use to set up the remote control to replace the devices' original remote controls. In normal operation, use to remotely select a desired device to control.
POWER, VOL +, VOL -, CH +, CH-, LAST, MUTE, ENTER, Digit Keys, Transport Keys, +100, and TV/VCR (A/B)	Use the same as the corresponding keys on the original remote controls. POWER can also be programmed for ALL POWER on/off of selected devices (see "Programming the Power Key" on Page 13).

Key	Function
MENU, GUIDE, INFO, and EXIT	Use to view interactive menus for TV, VCR, CBL/SAT, and DVD.
MUSIC, MOVIES, SPORTS, and NEWS	Use to program instant tuning of up to three channels per category (see "Programming Macros" on Page 12).
SCAN (FAV)	Use to scan all or only favorite channels (see "Using Channel Scan" on Page 17 and "Using Favorite Channel Scan" on Page 17).

The following table explains how selected keys function in different modes. For example, **CH+** acts as a Channel-Up key in TV, VCR, and CBL/SAT modes. However, in DVD mode, **CH+** acts as a Skip Forward key.

Key	TV	VCR	CBL/ SAT	DVD	AUX
GUIDE	Guide	Program	Guide	Setup Menu	Guide
MENU	Menu	Menu	Menu	DVD Menu	Program
INFO	Display	Display	Information	Display	Display
CH+	Channel Up	Channel Up	Channel Up	Skip Forward	Preset +
CH-	Channel Down	Channel Down	Channel Down	Skip Reverse	Preset -
LAST	Last Channel	Last Channel	Last Channel	Return	Random
TV/ VCR	TV/VCR	TV/VCR	A/B	TV/DVD	Input
REW	Punch through to VCR	Rewind	Rewind VCR/ Page Down*	Rewind	Rewind
PLAY	Punch through to VCR	Play	Play VCR	Play	Play

Key	TV	VCR	CBL/ SAT	DVD	AUX
FF	Punch through to VCR	Fast Forward	Fast Forward VCR/ Page Up	Fast Forward	Fast Forward
REC	Punch through to VCR	Record	Record VCR	Record	Record
STOP	Punch through to VCR	Stop	Stop VCR	Stop	Stop
PAUSE	Punch through to VCR	Pause	Pause VCR	Pause	Pause

* On some cable/satellite remote controls, **REW** and **FF** do not punch through to VCR transport control. Instead, these keys act as Page Up and Page Down, respectively.

Preparation

After installing the batteries (not included), you can immediately use the remote (with its factory-programmed settings) to control an RCA TV, VCR, and DIRECTV receiver, as well as a Pioneer DVD player and auxiliary device. To control other brands, you must perform some simple programming to overwrite the default parameters.

For best results, read and perform all remaining instructions. Also, keep these instructions for future reference.

If you experience any difficulties programming your remote, call customer service at 888-631-9859.

INSTALLING BATTERIES

Your remote requires four AAA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not use rechargeable batteries.
- Do not mix old and new batteries or different types of batteries (standard or alkaline).
- Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.

Note: Do not press any of the remote control's keys while installing batteries.

Follow these steps to install batteries.

1. Press the battery compartment cover's tab and lift off the cover.
2. Place the batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.
3. Replace the cover.

When batteries become low, the remote control stops operating to protect stored settings. Replacing the batteries with new ones restores full functionality and does not require you to reprogram your remote control.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the remote for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

DEVICE TYPES

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

TV — TV

VCR — VCR or PVR (Personal Video Recorder)

CBL/SAT — Cable converter or SAT/DSS receiver

DVD — DVD or LD Player

AUX — Amplifier, tuner or other audio device

SETTING UP YOUR REMOTE

To control devices other than the default brands (for example, an RCA TV, VCR, and DIRECTV receiver, a Pioneer DVD player and auxiliary device), perform the following steps. If you use the default brand devices, skip this section.

1. Refer to "Manufacturers' Codes" on Page 23 and write down the code(s) for the brand of each device you want to program on the supplied label.

Note: Some manufacturers may have several codes listed. Try each until you find the right one. If you cannot find the correct code, see "Using Manual Code Search" on Page 20.

2. Turn on all your home entertainment devices.

3. On the remote control, press the desired device key (**TV**, **VCR**, **CBL/SAT**, **DVD**, or **AUX**).

Note: For TV/VCR combinations, press **VCR** and use the VCR code listed for your model under “TV-VCR Combo Codes” on Page 38. If your TV/VCR combination also lists a TV code, you must program the TV separately by repeating Steps 3–5 to add volume control. In Step 3, press **TV**, then in step 4 enter the TV code.

4. Hold down **P** until the remote’s red light blinks twice, then release **P** and enter the first 4-digit manufacturer’s code for the desired device. When the red light blinks twice, the remote control has accepted the code.

For example, to set up the remote control of a Panasonic TV (manufacturer’s code 0051), press **TV**, hold down **P** until the red light blinks twice, release **P** and press **0 0 5 1**.

Note: If you entered the code incorrectly, the red light emits one long blink.

5. Point the remote control at the desired device and press **POWER**. The device should turn off.

If the remote control does not operate your device, try the other codes listed in “Manufacturers’ Codes” for your type and brand of device. Otherwise, use the search method to find a working code — see “Using Manual Code Search” on Page 20.

6. Repeat Steps 2–5 to program other devices.

Note: If the remote control does not operate all device functions, try using another code in the list that may be more compatible.

PROGRAMMING FAVORITE CHANNEL SCAN

Once you have programmed channels into a favorite channel table, you can scan up to ten favorite channels for a desired device.

Note: Once you have programmed **SCAN/FAV** for Favorite Channel Scan, you cannot use it for Channel Scan unless you reset it (see “Resetting Scan”).

1. Select **TV** or **CBL/SAT** for the favorite channel scan.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 6** to start the program.
4. Enter the two-, three- or four-digit number for your favorite channel.
5. *If you entered less than four digits, you must do one of the following: if your original remote requires you to press Enter or Select to send a command, then do so after entering the digits of your favorite channel. If your original remote does not require you to press Enter or Select to send a command, then after entering your two- or three-digit channel number, press **P**.*

*If you entered a four-digit channel number, do not press **P**.*

6. Repeat Steps 4–5 up to nine more times to store another favorite channel for the same device, or exit the program by pressing **P** until the red light blinks twice.

Note: Upon entering the 10th channel, the remote exits the Favorite Channel Programming mode.

Programming Favorite Channel Scan for a second device deletes the programming for the first.

Resetting Scan

Once you have programmed **SCAN/FAV** for Favorite Channel Scan, you cannot use it for Channel Scan unless you reset it.

To reset **SCAN/FAV**, follow these steps.

1. Select either **TV** or **CBL/SAT**.
2. Hold down **P** until the red light blinks twice.

3. Press **9 9 6**. You can now use the remote for Channel Scan (see “Using Channel Scan” on Page 17).
4. Hold down **P** until the red light blinks twice.

PROGRAMMING MACROS

Your remote has four macro keys (**MUSIC**, **MOVIES**, **SPORTS**, and **NEWS**) that you can use to store up to three channels per macro key for instant tuning of TV or cable/satellite channels. For example, if your favorite sports channel on your cable service is 061, you can store it as an instant tune-in macro.

Follow these steps to program macros.

1. Hold down **P** until the red light blinks twice.
2. Press **9 9 5** to start the program.
3. Press the desired macro key (**MUSIC**, **MOVIES**, **SPORTS**, or **NEWS**).
4. Press **CBL/SAT** or **TV** to select the appropriate device.
5. Press the numbers for the desired channel (for example, for the sports channel in the previous example press **0 6 1** or **0 0 6 1**).

Note: If your original remote control requires you to press Enter or Select to send a command, press Enter or Select after entering your three- or four-digit channel number.

6. Hold down **P** until the red light blinks twice to save the setting.

If you want to add two more channels to the macro keys, repeat Steps 1–6 twice, each time substituting another channel number in step 5.

Note: You can only program three channels for each macro key. Programming more than three channels will overwrite one or more of your original channel settings.

PROGRAMMING THE POWER KEY

Your remote can store a power on/off sequence to control the power of up to four devices with a single key press. Once the desired sequence is stored, **POWER** acts as a master power key when held down for at least 2 seconds.

Follow these steps to program the power key.

1. Hold down **P** until the red light blinks twice.
2. Press **9 9 5** to start the program.
3. Press **POWER** to select the power key.
4. Press the device keys (**TV**, **VCR**, **CBL/SAT**, **DVD**, and **AUX**) in the desired order.
5. Hold down **P** until the red light blinks twice to accept the program.

Resetting the Power Key

Follow these steps to reset the Power key to the default settings (delete the master power setup):

1. Hold down **P** until red light blinks twice.
2. Press **9 9 5**.
3. Press **POWER**.
4. Hold down **P** until red light blinks twice.

REASSIGNING DEVICES

Although your remote is designed to control a TV, a VCR, a cable converter (or SAT receiver), a DVD player and an auxiliary device, you can reassign an unused device key (for example, **AUX**) to control another device, such as a second VCR.

1. Hold down **P** until the red light blinks twice.
2. Press **9 9 2** to start the program.

3. Press the device key for the device you are adding (for example, **VCR**) then press the device key for the unused key where the additional device will be assigned (for example, **AUX**). The red light blinks twice to accept the reassignment.
4. Set up the reassigned key to control your device (see "Setting Up Your Remote" on Page 9).

Note: Other reassignments are possible, including adding a second TV or second DVD player to an unused device key. Simply repeat Step 3 with your desired choices.

Resetting Reassigned Device Keys

If you have reassigned a key (for example, you reassigned the DVD key to operate a second VCR), and want to return to the default setting (for the example, DVD mode), follow these steps.

1. Hold down **P** until red light blinks twice.
2. Enter **9 9 2**.
3. Press the desired mode key (the key you want reassigned to factory default settings) twice. The red light blinks twice.

You can now set up codes for the original device.

PROGRAMMING LEARNING

You can program almost any key on your remote to learn a function that is unique to your home entertainment devices (for example, Tracking Up or Down for a VCR).

Note: Please have your original remote controls handy before beginning learning programming.

Important: Be sure to press each key within 10 seconds of the previous entry. If not, the remote control exits programming.

Learning Functions

Do not use the following keys for learning: device keys, **P**, **SLEEP**, **SCAN**, **LIGHT**, **MUSIC**, **MOVIES**, **SPORTS**, **NEWS**, or **RECORD**.

Follow these steps to learn functions from other remotes.

1. Hold down **P** until the red light blinks twice.
2. Press **9 7 5**. The red light blinks twice.
3. Press the device key that corresponds with the desired remote (**TV**, **VCR**, **CBL/SAT**, **DVD**, or **AUX**).
4. Press the key (on the 5-In-One Remote) selected to learn the new feature. The red light blinks rapidly.
5. Place the device's original remote control head-to-head (about 2 inches apart) with the 5-In-One Remote.
6. On the original remote control, hold down the key to be learned until the red light on the 5-in-One Remote blinks twice.

If the red light does not blink twice, stop and repeat Steps 1–5.

To learn functions on another key, repeat Steps 3–6.

To lock in new feature(s) on the 5-in-One Remote, hold down **P** until the red light blinks twice.

To test a new feature, press the device key on the original remote control that was learned. Then press the key on the 5-In-One Remote that learned the device's feature.

Deleting a Learned Function

1. On the 5-In-One Remote, hold down **P** until the red light blinks twice.
2. Press **9 7 6**. The red light blinks twice.
3. Press the device key that corresponds with the device's remote control from which the 5-In-One

learned the function (**TV**, **VCR**, **CBL/SAT**, **DVD**, or **AUX**).

4. Press the key for the learned function you want to delete twice. The LED blinks twice after the second press.
5. To clear additional functions stored on other keys, repeat Steps 1–4.

Operation

Note: The command keys on the 5-In-One Remote work the same as the keys on your original remote controls. However, the labeling may be different.

USING THE REMOTE


Once you have completed programming your remote (see “Preparation” on Page 8), you are ready to use your 5-In-One Remote.


1. Point the remote at the desired device and press the device key (**TV**, **VCR**, **CBL/SAT**, **DVD**, or **AUX**). Then press **POWER** to turn on the device.
2. Press the desired command keys.
3. Repeat Steps 1 and 2 for all other devices you want to operate.
4. *To turn off the last device you selected*, press **POWER**.

To turn off another device, press the device key, then press **POWER**. Repeat this step to turn off all devices.

Note: You can program **POWER** as a master power key to turn all devices on and off in a sequence. See “Programming the Power Key” on Page 13.

USING THE LIGHT

Your remote has a backlight so you can see the keys in the dark. To turn on the light, press  at the top right of the remote.

When you press a key, the remote lights for a few seconds. To turn off the light, press  again.

USING CHANNEL SCAN

Important: If you have set up **SCAN/FAV** for Favorite Channel Scan, you cannot use Channel Scan until you have reset **SCAN/FAV** (see “Resetting Scan” on Page 11).

If you want to view a sample of every channel on your cable or SAT/DSS service, press **CBL/SAT**, then press **SCAN/FAV**. Starting with the current channel, the remote control tunes to each channel in ascending order every three seconds. Press any key to stop the scan.

Note: For on-air broadcast scans, press **TV**, then press **SCAN/FAV** to start the scan.

USING FAVORITE CHANNEL SCAN

To scan favorite channels, you must first program the favorite channel table (see “Programming Favorite Channel Scan” on Page 10).

Press the desired device key (**TV** or **CBL/SAT**), then press **SCAN/FAV**. The remote tunes to each favorite channel in ascending order every three seconds. Press any key to stop the scan.

USING MACROS

Press the desired macro key once for the first channel you programmed (see “Programming Macros” on Page 12), twice for the second channel, and so on.

USING THE POWER KEY

To turn on all devices, hold down **POWER** for at least 2 seconds. Each device turns on in the sequence you pro-

grammed (see “Programming the Power Key” on Page 13).

To turn off all devices, hold down **POWER** for at least 2 seconds. You should see each device turn off in sequence.

Note: If you do not hold down **POWER** for 2 seconds, only the current device turns off. To turn off all devices, you must hold down **POWER**.

CHANGING VOLUME LOCK

Your remote’s Volume Lock is preset so the volume and mute keys only control the TV volume, no matter what device is selected. If you want the remote to control the TV’s volume only, skip this section and leave the original settings intact.

However, if you want to control another device’s volume functions (for example, CBL/SAT, VCR, DVD, or AUX) upon its selection, then perform the steps listed in the applicable section below.

Volume Unlock on a Cable Convertor or SAT/DSS Receiver

1. Press **CBL/SAT**.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 3**.
4. Press **VOL-**. The red light blinks four times.

Volume Unlock on a VCR

1. Press **VCR**.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 3**.
4. Press **VOL-**. The red light blinks four times.

Volume Unlock on a DVD

1. Press **DVD**.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 3**.
4. Press **VOL-**. The red light blinks four times.

Volume Unlock on an Auxiliary Device

1. Press **AUX**.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 3**.
4. Press **VOL-**. The red light blinks four times.

Resetting Volume Lock to the Original Settings

1. Hold down **P** until the red light blinks twice.
2. Press **9 9 3**.
3. Press **TV**. The red light blinks twice.

USING THE SLEEP TIMER

On a TV or CBL/SAT device, the Sleep Timer lets you program the chosen device to turn itself off. You can set the Sleep Timer in 15-minute increments, for up to 60 minutes.

Setting the Sleep Timer

1. Select a device for the sleep timer (**TV** or **CBL/SAT**).
2. Press **SLEEP** once to active the Sleep Timer for 15 minutes. The red light blinks once, and then continues to blink once every 15 seconds, to indicate that the Sleep Timer is activated.

3. Press **SLEEP** again within 10 seconds to add another 15 minutes to the sleep time. Repeat as desired up to a maximum of 60 minutes.
4. To deactivate the Sleep Timer, press any key. The red light stops blinking.

Locking/Unlocking the Sleep Timer

The 5-in-One Remote's built-in sleep function can be enabled even if another device has a sleep device. Simply lock the Sleep Timer to ensure it functions.

1. Select a device for the sleep timer (**TV** or **CBL/SAT**).
2. Hold down **P** until the red light blinks twice.
3. Press **9 7 0**.
4. The red light blinks twice when the Sleep Timer is locked. (If you are unlocking the Sleep Timer, the red light blinks four times.)

USING MANUAL CODE SEARCH

If your home entertainment device does not respond to remote control commands after trying all of the codes listed for your brand, or if your brand is not listed, try searching for your code.

Follow these steps to search for codes manually.

1. Turn on the desired device.
2. On the 5-In-One Remote, press the appropriate device key once.
3. Hold down **P** until the red light blinks twice.
4. Press **9 9 1**. The red light blinks twice.
5. Aim the 5-In-One Remote at the desired device and slowly alternate between pressing **POWER** and the appropriate device key. Stop when the device turns off — a code that works has been found.

Note: In the search mode, the remote sends IR codes from its extensive library to the selected

device, starting with the most popular codes. Because of the library's size, this procedure may take some time. When the red light blinks three times, the search of every code is complete.

6. Press **P** once to lock in the code.

Note: If the 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.

Checking Your Code

If you set up the remote control using the manual code search procedure, you can use the following instructions to find out what code is operating your equipment:

1. On the remote control, press the desired device key once.
2. Hold down **P** until the red light blinks twice.
3. Press **9 9 0**. The red light blinks twice.
4. To view the code for the first digit, press **1**. Count the number of blinks (for example, if there are three blinks, the first digit is 3) and write down the number.

Note: The red light will not blink if the code digit is a "0".

5. Repeat Step 4 three more times for each successive digit by pressing and releasing **2**, **3**, and then **4**.

Troubleshooting

1. The **P** button is slightly recessed to avoid accidental programming changes. You might need to use a pointed device, such as a ballpoint pen, to apply sufficient pressure.
2. If the remote control stops working after you have successfully tested the control for each device, or if you are unable to get the remote control to work at all, do the following:
 - Be sure you press the device key for the device you want to control before you press any other key.
 - Confirm that your IR devices are working properly by using the original remote control or the manual controls.
 - Replace the batteries.
 -

If you have any other problems, call customer service at 888-631-9859.

CARE

Keep the remote dry; if it gets wet, wipe it dry immediately. Use and store the remote only in normal temperature environments. Handle the remote carefully; do not drop it. Keep the remote away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

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

Manufacturers' Codes

The following lists tell you which 4-digit codes to enter to set up the 5-In-One Remote Learning Light-Up Remote.

Notes:

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

Amplifier Codes

Brand	Code
Aiwa	0406
Carver	0269
Curtis Mathes	0300
Denon	0160
JVC	0331
Linn	0269
Magnavox	0269
Marantz	0269
Optimus	0300, 0395, 0823
Panasonic	0308
Philips	0269
Pioneer	0013, 0300, 0823
Polk Audio	0269
RCA	0300
Realistic	0395, 0231
Technics	0308
Victor	0331
Wards	0013

Brand	Code
Yamaha	0354

Cable Codes

Brand	Code
ABC	0003, 0008
Allegro	0153, 0315
Antronix	0022, 0207
Archer	0153, 0022, 0207, 0797
Cabletenna	0022
Cableview	0022
Century	0153
Citizen	0153, 0315
Colour Voice	0025
Contec	0019
Emerson	0797
Everquest	0015
Focus	0400
GC Electronics	0207
Garrard	0153
Gemini	0015, 0797
General Instrument	0476, 0810
GoldStar	0144
Goodmind	0797
Jasco	0015, 0153, 0315
Jerrold	0003, 0012, 0476, 0015, 0810
Memorex	0000
Movie Time	0063
NSC	0063
Oak	0019
Optimus	0021
Panasonic	0000, 0021
Paragon	0000
Philips	0153, 0025

Brand	Code
Pioneer	0144, 0533, 0877
Popular Mechanics	0400
Pulsar	0000
Quasar	0000
RCA	0021
RadioShack	0015, 0303, 0315, 0797, 0883
Realistic	0207
Recoton	0400
Runco	0000
Samsung	0144
Scientific Atlanta	0008, 0477, 0877
Signal	0015
Sprucer	0021
Starcom	0003, 0015
Stargate	0015, 0797
Starquest	0015
TV86	0063
Tandy	0258
Tocom	0012
Toshiba	0000
Tusa	0015
Unika	0153, 0022, 0207
Universal	0153, 0022, 0207
Viewstar	0063, 0258
Zenith	0000, 0525
Zentek	0400

Home Automation Codes

Brand	Code
GE	0240
One For All	0167
RadioShack	0240
Security System	0167

Brand	Code
Universal X10	0167
X10	0167

Laser Disc Codes

Brand	Code
Denon	0059
Mitsubishi	0059
NAD	0059
Optimus	0059
Pioneer	0059

Video Codes

Brand	Code
Archer	0160
GC Electronics	0160
Jebsee	0160
RadioShack	0160

Receiver Codes

Brand	Code
ADC	0531
Aiwa	0158, 0189, 0121, 0405, 1089, 1405
Capetronic	0531, 0690
Carver	0189, 0042, 1089, 1189
Curtis Mathes	0080
Denon	0004, 1104, 1160
Fisher	0042, 0219
Garrard	0463, 0286, 0440, 0744
Hanwah	0741
Harman/Kardon	0110, 0189
JBL	0110

Brand	Code
JVC	0074
Jensen	0754
Kenwood	0027, 0042, 1027, 1052, 1313, 1569
Koss	0744
LXI	0744
Linn	0189
MCS	0039
Magnavox	0531, 0189, 0364, 0391, 1089, 1189
Marantz	0039, 0189, 1089, 1189
NTDE Geniesom	0744
Onkyo	0135
Optimus	0531, 0670, 0080, 0042, 0219, 0229, 0286, 0440, 0622, 0690, 0738, 0744, 0754, 0797, 0801, 0849, 1023, 1074
Orient Power	0744
Panasonic	0039, 0309, 1518
Philips	0189, 0391, 1089, 1189
Pioneer	0531, 0014, 0150, 0630, 0080, 1023
Polk Audio	0189
Proscan	1254
Quasar	0039
RCA	0531, 1023, 1154, 1254
RadioShack	0744
Realistic	0534
Sansui	0189, 1089
Sanyo	0219, 0801
Schneider	0364
Sony	0158, 0415, 1042, 1058, 1158, 1258
Soundesign	0670
Sunfire	1052, 1313
Teac	0463

Brand	Code
Technics	0039, 0309, 1308, 1309, 1518
Techwood	0364
Thorens	1189
Victor	0074
Wards	0158, 0014, 0189, 0080
Yamaha	0176, 1176
Zenith	0622, 0744

Satellite Codes

Brand	Code
AlphaStar	0772
Echostar	0775, 0218, 0269, 1005
Expressvu	0775
General Instrument	0627, 0361, 0869
HTS	0775
Hitachi	0819
Hughes Network Systems	0749
JVC	0775
Jerrold	0627, 0361
Legend	0269
Magnavox	0724, 0722
Memorex	0724, 0269
Next Level	0869
Panasonic	0701
Philips	0724, 0722, 1076
Primestar	0627, 0361
RCA	0566, 0143, 0392, 0855
RadioShack	0869
Realistic	0052, 0051
Sony	0639
Star Choice	0869
Toshiba	0749, 0790

Brand	Code
Uniden	0724, 0722, 0052
Zenith	0856

Television Codes

Brand	Code
AOC	0030, 0019
Admiral	0093, 0463
Aiko	0092
Akai	0030
Alaron	0179
America Action	0180
Anam	0180
Audiovox	0451, 0180, 0092, 0623
Baysonic	0180
Belcor	0019
Bell & Howell	0154, 0016
Bradford	0180
Brockwood	0019
Broksonic	0236, 0463
CXC	0180
Candle	0030, 0056
Carnivale	0030
Carver	0054
Celebrity	0000
Cineral	0451, 0092
Citizen	0060, 0030, 0056, 0092
Concerto	0056
Contec	0180
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0047, 0054, 0154, 0051, 0451, 0093, 0060, 0030, 0145, 0056, 0016, 0166, 0747, 1147, 1347

Brand	Code
Daewoo	0451, 0019, 0092, 0623, 0624
Daytron	0019
Denon	0145
Dumont	0017, 0019
Electroband	0000
Emerson	0154, 0236, 0463, 0180, 0178, 0019, 0179, 0623, 0624
Envision	0030
Fisher	0154
Fujitsu	0179
Funai	0180, 0179, 0171
Futuretech	0180
GE	0047, 0051, 0451, 0093, 0178, 0747, 1147, 1347
Gibraltar	0017, 0030, 0019
GoldStar	0030, 0178, 0019, 0056
Gradiente	0053, 0056
Grunpy	0180, 0179
Hallmark	0178
Harley Davidson	0179
Harman/Kardon	0054
Harvard	0180
Hitachi	0145, 0056, 0016
Infinity	0054
Inteq	0017
JBL	0054
JCB	0000
JVC	0053
KEC	0180
KTV	0180, 0030
Kenwood	0030, 0019
LG	0056
LXI	0047, 0054, 0154, 0156, 0178, 0747
Logik	0016

Brand	Code
Luxman	0056
MGA	0150, 0030, 0178, 0019
MTC	0060, 0030, 0019, 0056
Magnavox	0054, 0030, 0179, 1254
Majestic	0016
Marantz	0054, 0030
Matsushita	0250
Megatron	0178, 0145
Memorex	0154, 0250, 0463, 0150, 0178, 0179, 0056, 0016
Midland	0047, 0017, 0051, 0747
Mitsubishi	0093, 0150, 0178, 0019
Motorola	0093
Multitech	0180
NAD	0156, 0178, 0166
NEC	0030, 0019, 0056
NTC	0092
Nikko	0030, 0178, 0092
Onwa	0180
Optimus	0154, 0250, 0166
Optonica	0093, 0165
Orion	0236, 0463, 0179
Panasonic	0051, 0250
Penney	0047, 0156, 0051, 0060, 0030, 0178, 0019, 0056, 0747, 1347
Philco	0054, 0463, 0030, 0145, 0019
Philips	0054
Pilot	0030, 0019
Pioneer	0166
Portland	0019, 0092
Prism	0051
Proscan	0047, 0747
Proton	0178
Pulsar	0017, 0019

Brand	Code
Quasar	0051, 0250, 0165
RCA	0047, 0051, 0093, 0019, 0747, 1047, 1147, 1247, 1347, 1447
RadioShack	0047, 0154, 0165, 0180, 0030, 0178, 0019, 0056, 0747
Realistic	0154, 0165, 0180, 0030, 0178, 0019, 0056
Runco	0017, 0030
SSS	0180, 0019
Sampo	0030
Samsung	0060, 0030, 0178, 0019, 0056
Sansei	0451
Sansui	0463
Sanyo	0154
Scimitsu	0019
Scotch	0178
Scott	0236, 0180, 0178, 0019, 0179
Sears	0047, 0054, 0154, 0156, 0178, 0179, 0056, 0171, 0747
Semivox	0180
Semp	0156
Sharp	0093, 0165
Shogun	0019
Signature	0016
Sony	0000
Soundesign	0180, 0178, 0179
Squareview	0171
Starlite	0180
Supreme	0000
Sylvania	0054, 0030
Symphonic	0171
TMK	0178, 0056
Tandy	0093
Technics	0051, 0250
Technol Ace	0179

Brand	Code
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0019, 0179, 0056, 0016, 0092
Telefunken	0056
Toshiba	0154, 0156, 0060, 1256
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178, 0019
Wards	0054, 0165, 0030, 0178, 0019, 0179, 0056, 0016
White Westinghouse	0463, 0623, 0624
Yamaha	0030, 0019
Zenith	0017, 0463, 0016, 0092, 0624

VCR Codes

Brand	Code
Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000, 0307
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumarck	0240
Bell & Howell	0104
Broksonic	0184, 0121, 0209, 0479
CCE	0072, 0278
Calix	0037
Canon	0035
Carver	0081
Cineral	0278
Citizen	0037, 0278

Brand	Code
Colt	0072
Craig	0037, 0047, 0240, 0072, 0271
Curtis Mathes	0060, 0035, 0162
Cybernex	0240
Daewoo	0045, 0278
Denon	0042
Dynatech	0000
Electrohome	0037
Electrophonic	0037
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209, 0278, 0479
Fisher	0047, 0104
Fuji	0035
Funai	0000
GE	0060, 0035, 0048, 0240, 0202
Garrard	0000
Go Video	0432
GoldStar	0037, 0480
Gradiente	0000
HI-Q	0047
Harley Davidson	0000
Harman/Kardon	0081
Harwood	0072
Headquarter	0046
Hitachi	0000, 0042
Hughes Network Sys- tems	0042
JVC	0067
KEC	0037, 0278
KLH	0072
Kenwood	0067
Kodak	0035, 0037
LXI	0037
Lloyd's	0000

Brand	Code
Logik	0072
MEI	0035
MGA	0240, 0043
MGN Technology	0240
MTC	0240, 0000
Magnasonic	0278, 0593
Magnavox	0035, 0039, 0081, 0000
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162, 0454
Memorex	0035, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0162, 0046, 0268, 0299, 0307, 0454, 0479, 1037, 1162, 1262
Minolta	0042
Mitsubishi	0048, 0067, 0043
Motorola	0035, 0048
Multitech	0000, 0072
NEC	0104, 0067
Nikko	0037
Noblex	0240
Olympus	0035
Optimus	0037, 0048, 0104, 0162, 0432, 0454, 0568, 0593, 0619, 1048, 1062, 1162, 1262
Orion	0184, 0209, 0479
Panasonic	0035, 0162, 0454, 0616, 1062, 1162, 1262
Penney	0035, 0037, 0240, 0042
Pentax	0042
Philco	0035, 0209, 0479
Philips	0035, 0081, 0618, 1081, 1181
Pilot	0037
Pioneer	0067
Polk Audio	0081

Brand	Code
Profitronic	0240
Proscan	0060, 0202
Protec	0072
Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162, 0454, 1162
RCA	0060, 0035, 0048, 0240, 0042, 0202, 0619
RadioShack	0000, 1037
Radix	0037
Randex	0037
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
ReplayTV	0614, 0616
Runco	0039
STS	0042
Samsung	0240, 0045
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0271, 0479
Sanyo	0047, 0240, 0104, 0046, 0268
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semp	0045
Sharp	0048
Shintom	0072
Shogun	0240
Singer	0072
Sony	0035, 0032, 0000, 1032
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000, 0593
TMK	0240
Teac	0000
Technics	0035, 0162

Brand	Code
Teknika	0035, 0037, 0000
Thomas	0000
Tivo	0618
Toshiba	0045, 0043
Totevision	0037, 0240
Unitech	0240
Vector	0045
Video Concepts	0045
Videosonic	0240
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072
White Westinghouse	0209, 0072, 0278
XR-1000	0035, 0000, 0072
Zenith	0039, 0000, 0209, 0479

DVD Player Codes

Brand	Code
Apex	0672
Denon	0490, 0634
Fisher	0670
GE	0522
Hitachi	0664
Hiteker	0672
JVC	0558, 0623
Kenwood	0534, 0682
Magnavox	0503, 0675
Marantz	0539
Mitsubishi	0521
Onkyo	0503
Optimus	0571
Panasonic	0490
Philips	0503, 0539
Pioneer	0525, 0571

Brand	Code
Proscan	0522
RCA	0522
Samsung	0573
Sharp	0630
Sony	0533
Technics	0490
Theta Digital	0571
Toshiba	0503
Yamaha	0490, 0545
Zenith	0503, 0591

TV-VCR Combo Codes

Brand	Code
Broksonic	0479 (TV:0463)
Citizen	0278
Colt	0072
Curtis Mathes	0035 (TV:0051)
Daewoo	0278 (TV:0624)
Emerson	0278 (TV:0624), 0479 (TV:0463)
Funai	0000
GE	0035 (TV:0051), 0048 (TV:0093), 0060 (TV:0047), 0240
GoldStar	0037 (TV:0056)
Harley Davidson	0000
Hitachi	0000
Lloyd's	0000
Magnasonic	0278
Magnavox	0000, 0081 (TV:0054)
Magnin	0240
Memorex	0037, 0162 (TV:0250), 1037, 1162, 1262
MGA	0240
Mitsubishi	0048 (TV:0093)

Brand	Code
Optimus	0162 (TV:0250), 0593, 1162, 1262
Orion	0000, 0479 (TV:0463)
Panasonic	0035 (TV:0051), 0162 (TV:0250), 1162, 1262
Penney	0035 (TV:0051), 0037 (TV:0056), 0240
Quasar	0035 (TV:0051), 0162 (TV:0250)
RadioShack	1037
RCA	0035 (TV:0051), 0048 (TV:0093), 0060 (TV:0047), 0240
Sansui	0000, 0479 (TV:0463)
Sanyo	0240
Sears	0000, 0037 (TV:0056)
Sharp	0048 (TV:0093)
Sony	0000, 0032 (TV:0000)
Sylvania	0081 (TV:0054)
Symphonic	0000
Thomas	0000
White Westinghouse	0278 (TV:0624)
Zenith	0000

Specifications

Power (4) AAA Batteries
Dimensions (HWD) 8.4 in × 2.5 in × 1.3 in
(214.5 mm × 64 mm × 33 mm)
Weight (Without Batteries) 5 oz
(141.7 g)

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

Limited Ninety-Day Warranty

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

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation 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, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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