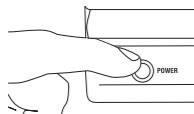
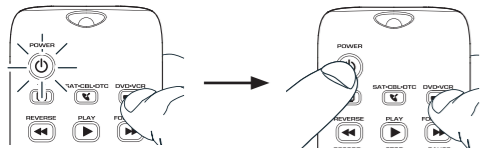


1. Manually turn on the device you want to control.

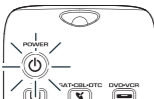


2. Press and hold the device key you want to program. The POWER key illuminates

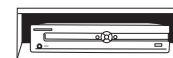
While you're holding down the device key, use your other hand to press and hold the remote's POWER key at the same time. The POWER key turns off.



3. Wait until the remote's POWER key comes on and stays on. Then release both keys.



4. Point the remote directly at the front panel of the device you want to control. Press POWER on the remote and wait 2 seconds. The remote is testing a single code for your device.



Did your device turn off?

YES: Press the STOP key to store the code. You're done! You've programmed this device key.

NO: Press POWER again. The remote tests the next code for your device.

Keep pressing POWER every 2 seconds until your device turns off. When it does, press STOP.

TIP: Because there are so many codes, you may have to press the POWER key many times—possibly hundreds of times.

NOTES

Throughout the programming of each key, keep the remote pointed at the IR sensor of the device you are programming the remote to control.

Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

During the Manual Code Search, the remote ignores keypresses that aren't part of the search.

The search times out after two minutes (the POWER key blinks four times and turns off, and the last programmed code under that device key is retained).

The POWER key blinks four times and turns off when the remote has gone through all the codes. The remote exits the Brand Code Search. If your device hasn't turned off yet, try a different search method.

Testing the Code for Maximum Functionality

1. Try a variety of the device's functions with the remote. If some features of your devices don't work, go to the next step to try a different code.
2. Repeat the Manual Code Search and Entry Method from the beginning. When the device turns off for the first time, don't press the STOP key, which would store the same code. Instead, with the unit now off, continue to press the POWER key repeatedly until the unit turns back on.
3. Once the unit turns back on, you have found another code that operates the device. Press the STOP key.
4. Test the key's functionality again by trying a variety of functions. If the code controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.

Tour of the Remote

In most cases, the keys on this remote perform the same functions as the keys on your original remotes once you've programmed this remote to operate your components. Many keys on this remote have other functions as well.

Illuminated **POWER** key serves as an indicator light to provide feedback.

Device keys (**TV, SAT•CBL•DTC, DVD•VCR**) put the remote in the right mode to control your device.

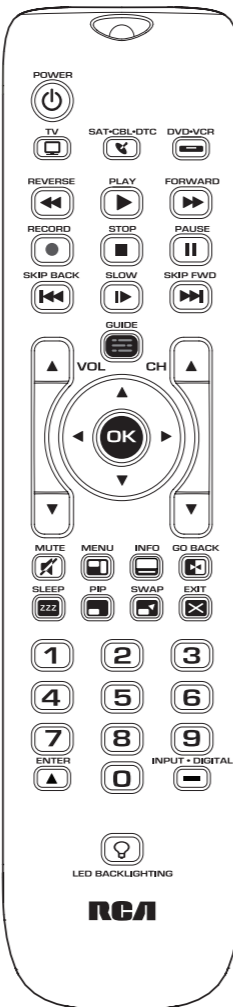
GUIDE and **MENU** put the remote in menu/guide mode; they also access the same features as the keys on your original remotes.

EXIT exits remote programming; it also performs the same functions as on your original remotes.

Arrow keys act as navigation keys in device guides and menu systems.

The **INPUT-DIGITAL** and **— (dash)** key has three functions: (1) it toggles through all the video sources connected to your TV; (2) when the remote is in VCR mode, this button toggles between VCR and the TV input; (3) when you're entering digital channel numbers directly, this button lets you separate the main channel number from the sub-channel number (such as 59.1).

Backlight key (☼) turns backlighting on/off.



Actual model may vary from illustration

Advanced Functions

Reassigning the DVD•VCR Key to Control a VCR

The DVD•VCR key defaults to control a DVD player. If you want the DVD•VCR key to control a VCR, you must reassign it.

1. Press and hold the DVD•VCR key. The POWER key illuminates. Keep holding down the DVD•VCR key.
2. While holding down the DVD•VCR key, press and release the number 2 key on the keypad. The POWER key turns off.
3. Release the DVD•VCR key. The POWER key blinks four times and then turns off. The DVD•VCR key is now set to control a VCR.
4. Follow the directions in the auto, brand, direct entry, or manual code search to program the DVD•VCR key for your VCR.

Volume Punch-Through

Volume punch-through allows the VOL and MUTE keys, when pressed in SAT•CBL•DTC or DVD•VCR modes, to "punch through" to TV. Volume punch-through occurs automatically and allows you to control the volume without exiting the current mode.

Note: *Volume punch-through does not occur in cases where the component code has its own volume/mute controls, such as some satellite receivers.*

Transport Key Punch-Through

Transport key punch-through allows the transport keys (REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE, SKIP BACK, SLOW, and SKIP FWD), when pressed in TV or SAT•CBL•DTC modes, to "punch through" to DVD•VCR mode. Transport key punch-through occurs automatically and allows you to use the transport keys without exiting the current mode. For example, if the transport keys were last used in DVD mode and accessed again after pressing the TV key, they will punch through to the DVD.

Note: *Transport key punch-through does not occur in cases where the device code has its own transport key data, such as a satellite receiver with a built-in DVR.*

Channel Lock

Channel lock automatically sends channel commands, like the CH, GO BACK, and 0–9 number keys, to your satellite receiver, cable box, or digital TV converter when you're in TV mode. This can save you keypresses if you use a device other than your TV to change channels.

To turn channel lock on:

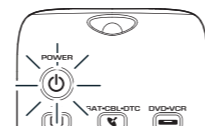
1. Press and hold the device key for the device you use to change channels. While you're holding down this device key, use your other hand to press and hold the remote's CH up key at the same time.
2. Wait until the remote's POWER key comes on and stays on. Then release both keys.
3. Press ENTER to lock channel commands to this device.

To turn channel lock off:

1. Press and hold the TV key. While you're holding down the TV key, use your other hand to press and hold the remote's CH down key at the same time.
2. Wait until the remote's POWER key comes on and stays on. Then release both keys.
3. Press ENTER to start changing channels with your TV.

Code Retrieval

Once you've programmed the remote to control your devices, you may want to record the codes for future reference. If you used the Direct Code Entry method, this is easy. Just find the codes you entered and make a note of them in the boxes below. If you used one of the Code Search methods to program your remote or if you used the Direct Entry method but don't remember the code, you will need to retrieve each device's five-digit code. Retrieving the actual code and writing it down will save you time if you ever need to program the remote again. If the codes are recorded, you can use the Direct Entry method to reprogram your remote to control your devices, which is quick and easy.



1. Press and hold the device key (TV, SAT•CBL•DTC, DVD•VCR) whose code you wish to retrieve. The POWER key illuminates. Keep pressing the device key.
2. While holding the device key down, press and hold the INFO key. The POWER key turns off. After holding down both keys for three seconds, the POWER key turns back on.
3. Release both keys. The POWER key remains on.
4. Starting with the number 1 key, press and release each number key on the keypad in the following order: 1-9, then 0. The number that causes the POWER key to blink is the first number of the code. As you find each number of the code, write it down for future reference.
5. Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the POWER key blinks briefly, then turns off.

Note: *All TV codes begin with the number 1; all VCR and DVR codes begin with the number 2; all DVDs, the number 3; and all satellite receivers, cable boxes and DTV converters, the number 5.*

TIP: *To exit the Code Retrieval Mode at any time, press the EXIT key.*

Note: *If you press an invalid key during the Code Retrieval process, the remote will not respond. If you do not press a valid Code Retrieval key (TV, SAT•CBL•DTC, DVD•VCR, INFO, EXIT), Code Retrieval times out after 15 seconds. The POWER key blinks four times, and then turns off.*

TV CODE				
1				

SAT•CBL•DTC CODE				
5				
<input type="checkbox"/> SAT	<input type="checkbox"/> CABLE	<input type="checkbox"/> DTV CONVERTER		

DVD•VCR CODE				
<input type="checkbox"/> DVD	<input type="checkbox"/> VCR			

Troubleshooting

Problem: The remote does not operate your device.

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR). This tells the remote which device to operate.
- Remove any obstacles between the remote and the device. Make sure you're aiming the remote at the device's IR sensor.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AAA batteries, if necessary (see the Battery Installation section).

Problem: The remote can't be programmed to operate your device.

- If you are testing the remote while programming it, you may be too far away from the device or at a wrong angle. There must be an unobstructed path between the remote and the IR sensor on the device. Move closer and make sure you point the remote at the device you're trying to control.
- If you're using the Direct Entry programming method to enter the codes for your brand and the unit is still not functioning properly, try the auto, brand, or manual search method.
- To control combo units, like TV/VCRs or TV/DVDs, you must program the individual corresponding device keys to control each part of the combo unit. Once programmed successfully, the TV key controls the TV functions, and the DVD•VCR key controls the VCR or DVD functions.
- Make sure the batteries are fresh and are properly installed.

Problem: The remote doesn't perform commands properly.

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR). This tells the remote which device to operate.
- Make sure device is ready (for example, the DVD player has a disc loaded).
- You may have pressed an invalid key for the mode the remote is in.
- If you're trying to enter a channel number directly, try pressing the ENTER key after entering the channel number as this is a requirement of certain models and brands.
- There is a possibility that a programmed code may only be able to control some of your device features (for example, only turns a device on and off). To confirm that the device key is programmed with the correct code for maximum functionality, test the device. Attempt to control a variety of the device's functions with the remote. If some of the features of your devices don't work, try programming the remote with a different code in the list using the Direct Code Entry Method, until you find the code that allows the remote to control the majority of your device's functions. Different codes can provide different levels of functionality.

Problem: The POWER key does not light when you press a key.

- You may have pressed an invalid key for the mode the remote is in.
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR). This tells the remote which device to operate.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AAA batteries, if necessary (see the Battery Installation section).

Problem: The remote will not change channels on device.

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR). This tells the remote which device to operate.
- Press the ENTER key after you enter a channel number.
- Remove any obstacles between the remote and the device. Make sure to aim the remote at the IR sensor on the device.

Problem: The device's menu does not appear on the TV screen.

- Make sure you have connected the device to your TV properly and selected the correct input. (See your devices' Owner's Manuals for proper connection procedures.)
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR). This tells the remote which device to operate.
- Menu access isn't supported for all brands. You may need to use your original remote control to access menu functions for some devices.

For more information, please visit www.rcaaccessories.com

Consumer Help Line: 1-800-420-7968

Care and Maintenance

- 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 gently and carefully. Don't drop it.
- Keep the remote away from dust and dirt.
- Wipe the remote with a damp cloth occasionally to keep it looking new.
- Modifying or tampering with the remote's internal devices can cause malfunction and invalidate its warranty.

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