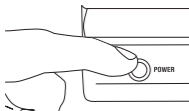
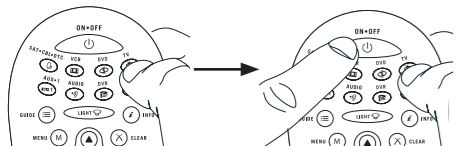


1. Manually turn on the device you want to control.



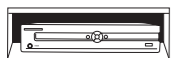
2. Press and hold the device key you want to program. While you're holding down the device key, use your other hand to press and hold the remote's ON-OFF key at the same time.



3. Wait until the remote's ON-OFF 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 ON-OFF 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 ON-OFF again. The remote tests the next code for your device.

Keep pressing ON-OFF every 2 seconds until your device turns back on. When it does, press STOP.

TIP: Because there are so many codes, you may have to press the ON-OFF 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 ON-OFF key blinks four times and the last programmed code under that device key is retained).

The ON-OFF key blinks four times when the remote has gone through all the codes. The remote exits the Manual 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 ON-OFF 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 **ON-OFF** key serves as an indicator light to provide feedback.

Device keys (**TV, SAT-CBL-DTC, DVD, DVR, AUDIO, VCR, AUX1, AUX2**) put the remote in the right mode to control your device.

Backlight key (☾) turns backlighting on/off.

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

CLEAR 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.

Select/OK key (✓) selects your menu choices.

The **INPUT** and — (dash) key has three functions: (1) it toggles through all the video or audio sources connected to your TV or audio device; (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).

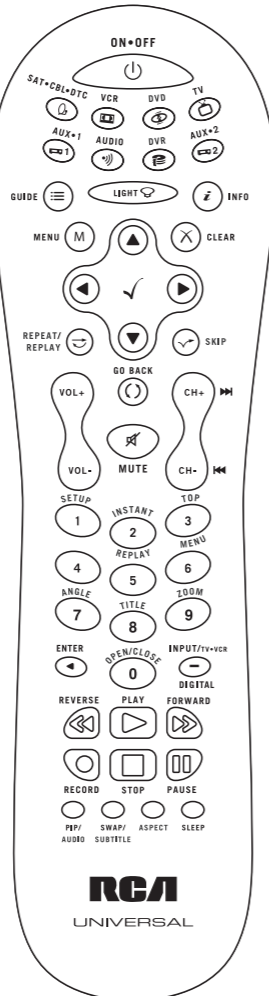
SLEEP key lets you set a time to turn off your TV automatically.

IMPORTANT

Because this remote controls more than one device, you must first "tell" the remote which device you wish to operate. That means, if you wish to operate your TV, you must first press the TV key to put the remote in the TV Mode. The remote stays in that device mode until you press a different device key. For example, if your remote is in TV Mode and you want to operate the DVD player, you must press the DVD key to change device modes.

Backlighting

Backlight illumination helps you see the remote control keys better in the dark. You can turn backlight illumination on or off by pressing the backlight key (☾). Backlighting stays on as long as keys are being pressed and turns off six seconds after the last keypress. Once the backlight time has timed out, any keypress will reactivate it. If the backlight illumination is on, and you press the backlight key, the backlight turns off.



Actual model may vary from illustration

Advanced Functions

Assigning the AUX1 and AUX2 Keys

To program the AUX1 or AUX2 keys, you must first assign them to a device type.

1. Press and hold the AUX1 or AUX2 key. The ON-OFF key turns on.
2. While holding down the AUX1 or AUX2 key, press and release the number key on the keypad for the device you want to control (see the chart below). The ON-OFF key turns off.

AUX1 OR AUX2 KEY CONTROLS:	
Additional TV	press 1
VCR or DVR	press 2
Additional DVD	press 3
Additional audio device	press 4
Additional satellite receiver, cable box, or DTV converter	press 5

3. Release the AUX1 or AUX2 key. The ON-OFF key blinks four times and then turns off. The AUX1 or AUX2 key is now set to control the device type you selected.
4. Follow the directions in the auto, brand, direct entry, or manual code search to program the AUX1 or AUX2 key.

Volume Punch-Through

Volume Punch-Through allows the VOL and MUTE keys, when pressed in SAT-CBL-DTC, DVD, DVR or VCR modes, to "punch through" to either TV or AUDIO, whichever was accessed last. Volume Punch-Through occurs automatically and allows you to control the volume without exiting the current mode. (If an AUX key has been programmed with a TV or AUDIO code, volume can punch through to these devices as well.)

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

Advanced Punch-Through

Volume Punch-Through, as described above, occurs automatically. If you want to specify whether Volume Punch-Through is directed to the TV or AUDIO while in SAT-CBL-DTC, DVD, DVR or VCR modes, follow the steps below.

Note: This option can also be enabled for an AUX key, if it is programmed with a VCR, DVR, DVD, CD, SAT or TV code.

1. Press and hold the key whose volume commands you want to send to the TV or audio device. The ON-OFF key turns on.
2. While holding down the device key, press and hold the VOL up key. The ON-OFF key turns off.
3. After holding down both keys for 3 seconds, the ON-OFF key turns on and stays on. Release both keys.
4. Press and release the device key you want the Volume Punch-Through to be directed to from the selected mode (TV, AUDIO or DVR key). The ON-OFF key flashes.

Note: The device key pressed in step 4 must be programmed with a TV or AUDIO component. If an invalid key is pressed, the ON-OFF key flashes four times, then turns off.

Important: Once you have programmed any device with a specified Volume Punch-Through, the Volume Punch-Through for all other devices defaults to AUDIO. If you do not want other components' Volume Punch-Through to default to AUDIO, you must manually program them, using steps 1-4.

Transport Key Punch-Through

Transport Key Punch Through allows the transport keys (REVERSE, PLAY, FORWARD, RECORD, STOP, and PAUSE), when pressed in TV, SAT, CABLE and AUDIO modes, to "punch through" to VCR, DVR or DVD/CD mode, whichever was accessed last. 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. The default Transport Key Punch Through is set to DVD for TV, SAT, CABLE, and AUDIO.

Note: Transport Key Punch Through does not occur in cases where the component code has its own transport key data, such as a satellite receiver with a built-in DVR.

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.

TIPS: All TV codes start with the number 1; all VCR and DVR codes start with the number 2; all DVD player codes, the number 3; all audio device codes, the number 4; and all satellite receiver, cable box, and digital TV converters, the number 5.

To exit the Code Retrieval Mode at any time, press the CLEAR key.

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, DVR, AUDIO, VCR, AUX1, AUX2, INFO, CLEAR), Code Retrieval times out after 15 seconds. The ON-OFF key blinks four times, and then turns off.

1. Press and hold the device key (TV, SAT-CBL-DTC, DVD, AUDIO, VCR, DVR, AUX1, AUX2) whose code you wish to retrieve. The ON-OFF key illuminates. Keep pressing the device key.
2. While holding the device key down, press and hold the INFO key. The ON-OFF key illumination turns off. After holding down both keys for three seconds, it turns back on.
3. Release both keys. The ON-OFF key remains illuminated.
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 ON-OFF key to blink is the first number of the code. As you find each number of the code, write it down for future reference. Then start with the number 1 key again.
5. Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON-OFF key blinks briefly, then turns off.

TV CODE	DVD CODE
1 □ □ □ □	3 □ □ □ □
AUDIO CODE	VCR CODE
4 □ □ □ □	2 □ □ □ □
SAT-CBL-DTC CODE	DVR CODE
5 □ □ □ □	□ □ □ □
AUX1 CODE	AUX2 CODE
□ □ □ □	□ □ □ □
<input type="checkbox"/> DVD <input type="checkbox"/> TV <input type="checkbox"/> SAT-CBL-DTC <input type="checkbox"/> AUDIO <input type="checkbox"/> DVR/VCR	<input type="checkbox"/> DVD <input type="checkbox"/> TV <input type="checkbox"/> SAT-CBL-DTC <input type="checkbox"/> AUDIO <input type="checkbox"/> DVR/VCR

Sleep Timer

This feature automatically turns off your TV at a duration you choose from 1 to 99 minutes. The Sleep Timer only works if you have found a code that controls your TV. The timing mechanism for the Sleep Timer is built into your universal remote control.

To program the Sleep Timer:

1. Press the TV key.
2. Press and hold the SLEEP key for three seconds. The ON-OFF key turns on. Then release the SLEEP key.
3. Using the number keys, enter the desired time in minutes (from 1-99 minutes). To set the timer to a number under 10 minutes, press 0 and then the desired number (e.g., 05 for five minutes). The ON-OFF key blinks with each keypress. Once the second number is entered, the ON-OFF key turns off and the Sleep Timer is now set.

Any keypress other than the number keys is ignored. If the sleep time is not entered within 15 seconds after pressing the SLEEP key, the ON-OFF key blinks four times, indicating the attempt to program the Sleep Timer has been unsuccessful.

4. Leave the remote aimed at the TV. Once the Sleep Timer is set, you can continue to use the remote without affecting the Sleep Timer. However, the remote must be put back in TV mode and pointed at the TV to activate the Sleep Timer. **Note:** If the ON-OFF key is pressed, the Sleep Timer is canceled.

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, DVR, AUDIO, VCR, AUX1, AUX2). 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 AA 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 or VCR key controls the DVD or VCR 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, DVR, AUDIO, VCR, AUX1, AUX2). 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 ON-OFF key does not illuminate 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, DVR, AUDIO, VCR, AUX1, AUX2). This tells the remote which device to operate.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AA 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, DVR, AUDIO, VCR, AUX1, AUX2). 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, DVR, AUDIO, VCR, AUX1, AUX2). 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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