



RCRN04GBE

Universal Remote Control

Owner's Manual

Manual del Propietario (parte posterior)

FCC Statement: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada Regulatory Information
CAN ICES-3 (B)/NMB-3 (B)
Avis d'Industrie Canada
CAN ICES-3 (B)/NMB-3 (B)

SAVE THIS MANUAL AND THE CODE LISTS!
Remote controls can sometimes lose their programming when you change the batteries. Make sure you keep the manual and code lists in a safe place so that you can reprogram the remote if you need to.

Tip: This remote is already programmed to operate most RCA-branded TVs, DVD players, and satellite receivers. Just press the corresponding key—DVD+VCR for a DVD player, TV for a television, SAT+CBL+STRM for a satellite receiver.

Step 1: Install your batteries

Your universal remote requires two AAA alkaline batteries (not included).

To install the batteries:

1. Remove the battery compartment cover.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery compartment.
3. Push the battery cover back into place.

Battery Precautions:

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with Local and National Regulations.

Battery Saver

Your universal remote control saves battery power by automatically turning off if any key is pressed for more than 60 seconds. This saves your battery life should your remote get stuck in a place where the keys remain depressed, such as between sofa cushions.

Step 2: Program your remote

To use this universal remote with your home entertainment system, first you need to program it to control your devices. There are four ways you can program the universal remote to operate your devices. Try them in the order listed.

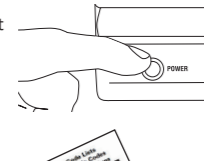
- The **Direct Code Entry** lets you enter a code from the accompanying code list for your brand of device.
- The **Brand Code Search** searches through the codes for select brands of devices.
- The **Auto Code Search** goes automatically through all the codes for the device you're trying to control.
- The **Manual Code Search** lets you manually go through all the codes for the device you're trying to control.

Direct Code Entry

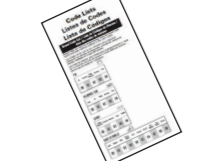
Direct Code Entry lets you enter a code from the accompanying code list for your brand of device.

TIP: Each device key is associated with a type of device—the TV is preset to search for TVs, SAT+CBL+STRM for satellite receivers, cable boxes or streaming players, DVD+VCR for DVD players, and AUDIO+SB for audio devices and soundbars. To program a device key for a different type of device, see the Changing a Key's Device Type section.

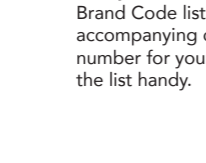
1. Manually turn on the device you want to control.



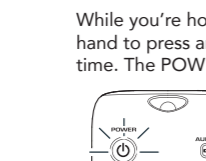
2. Find the Code List that came with the remote. Locate the section for the type of device you're trying to program, and find your brand in that section. Circle the codes for your brand and keep them handy.



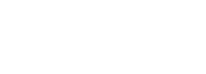
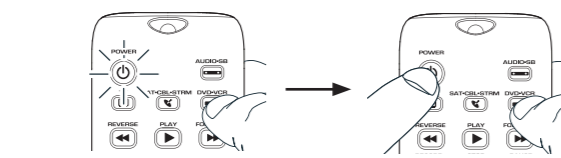
3. Press and hold the device key you want to program (the POWER key illuminates).



4. While you're holding down the device key, use your other hand to enter the first five-digit code for your brand in the code list (the POWER key turns off after the first digit).



5. Look at the numbers you circled for your device's brand code number. Press those numbers on the remote keypad.



NOTES

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 in the list.

Remember to enter the code for future reference in the box provided in the Code Retrieval section of this manual.

If your brand isn't listed in the code list, use one of the Code Search methods to program the remote control. (Refer to the Auto and Manual Code Search methods.)

If you release the device key any time during the Direct Code Entry procedure, the POWER key blinks four times, and the process is exited. The last programmed code under the device key is retained.

Brand Code Search

The Brand Code Search goes through only the codes for one of the select brands listed in the accompanying code list. If your brand of device is listed, this search can be very quick and easy.

TIPS: Each device key is associated with a type of device—the TV is preset to search for TVs, SAT+CBL+STRM for satellite receivers, cable boxes or streaming players, DVD+VCR for DVD players, and AUDIO+SB for audio devices and soundbars. To program a device key for a different type of device, see the Changing a Key's Device Type section.

To exit without saving a new code at any point in the Brand Code Search, press the EXIT key.

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



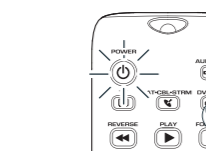
2. Find your device's brand in the Brand Code list section of the accompanying code list. Circle the number for your brand and keep the list handy.



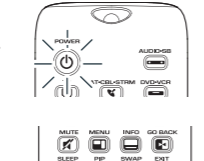
3. Press and hold the device key you want to program. The POWER key illuminates.



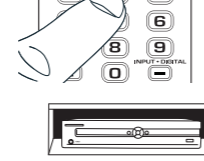
4. While you're holding down the device key, use your other hand to press and hold the remote's POWER key at the same time. The POWER key turns off.



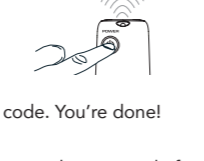
4. Wait until the POWER key comes on and stays on. Then release both keys.



5. Look at the numbers you circled for your device's brand code number. Press those numbers on the remote keypad.



6. 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's brand.



7. 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 brand.

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

NOTES

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

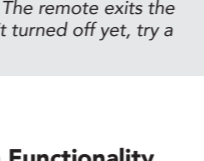
Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

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

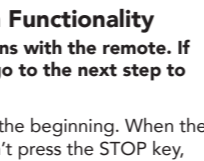
The search times out after two minutes (the POWER key blinks four times and turns off), and the last programmed code under that device key is retained.

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.

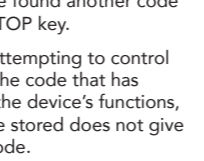
1. Manually turn on the device you want to control.



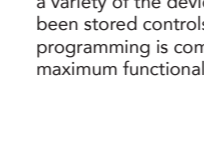
2. Repeat the Brand Code Search from the beginning. When the device turns off for the first time, don't press the STOP key, which would store the same code. Instead, with the unit now off, continue to press the POWER key repeatedly until the unit turns back on.



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 attempting to control a variety of the device's functions. If the code that has been stored controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.



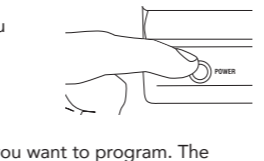
Auto Code Search

The Auto Code Search goes automatically through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

TIPS: Each device key is associated with a type of device—the TV is preset to search for TVs, SAT+CBL+STRM for satellite receivers, cable boxes or streaming players, DVD+VCR for DVD players, and AUDIO+SB for audio devices and soundbars. To program a device key for a different type of device, see the Changing a Key's Device Type section.

To exit without saving a new code at any point in the Auto Code Search, press the EXIT key.

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.

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

NOTES

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

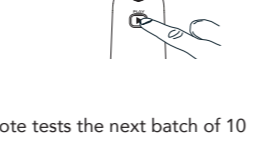
Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

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

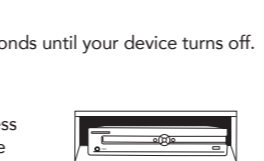
The search times out after two minutes (the POWER key blinks four times and turns off), and the last programmed code under that device key is retained.

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.

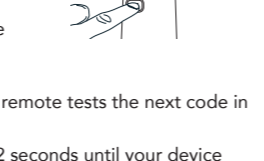
1. Manually turn on the device you want to control.



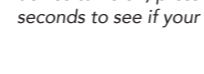
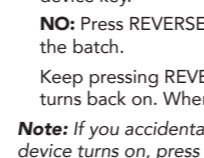
2. Repeat the Auto Code Search Method from the beginning. When your device turns off, do not stop searching. Instead, with the unit now off, continue to press the PLAY key every 5 seconds until the unit turns back on.



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 attempting to control a variety of the device's functions. If the code that has been stored controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.



NOTES

Throughout the programming of each key, be sure to keep the remote pointed at the IR sensor of the device you are currently 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 Auto 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 Auto 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 device features don't work, go to the next step to try a different code.

2. Repeat the Auto Code Search Method from the beginning. When your device turns off, do not stop searching. Instead, with the unit now off, continue to press the PLAY key every 5 seconds until the unit turns back on.

3. Once the unit turns back on, press the REVERSE key on the remote every 2 seconds until your device turns off again. When your device turns off again, press the STOP key.

4. Test the key's functionality again by attempting to control a variety of the device's functions. If the code that has been stored controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.

Manual Code Search

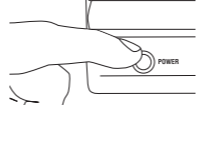
The Manual Code Search lets you go one-by-one through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

TIPS: The Manual Code Search method may take a long time because the remote searches through all of the codes in its memory one-by-one. If your brand is listed in the Brand Codes or the Code Lists, first try the Brand Code Search or the Direct Code Entry method.

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT+CBL+STRM for satellite receivers, cable boxes or streaming players, DVD+VCR for DVD players, and AUDIO+SB for audio devices and soundbars. To program a device key for a different type of device, see the Changing a Key's Device Type section.

To exit without saving a new code at any point in the Manual Code Search, press the EXIT key.

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.

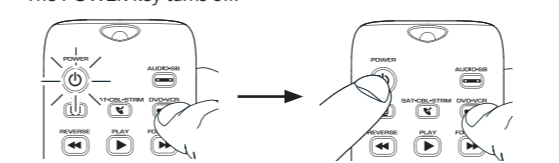
NO: Press REVERSE again. The remote tests the next code in the batch.

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

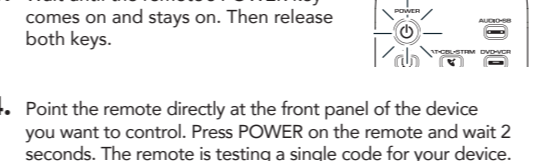
Note: If you accidentally press the REVERSE key after your device turns on, press the FORWARD key. Then, wait two seconds to see if your device turns off again.

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+STRM, DVD+VCR, AUDIO+SB) 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.

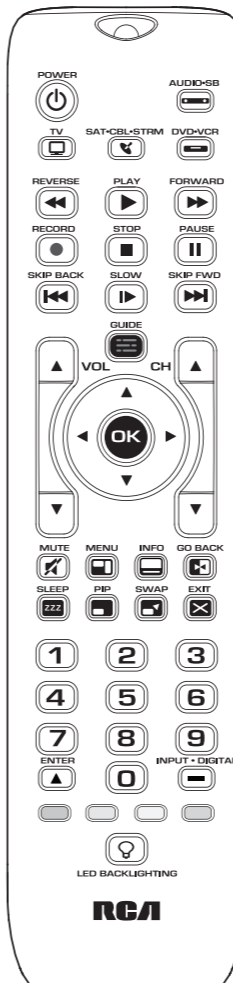
Arrow keys act as navigation keys in device guides and menu systems.

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).

Red, green, yellow, and blue keys access additional features on your cable box, satellite receiver, or Blu-ray disc player (see your device manual for details).

Backlight key helps you see the remote control keys better in the dark. You can turn backlight illumination on by pressing the backlight key. Backlighting stays on as long as keys are being pressed and turns off five seconds after the last keypress.

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+VCR key to change device modes.



Actual model may vary from illustration

Advanced Functions

Changing A Key's Device Type

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT+CBL+STRM for satellite receivers, cable boxes or streaming players, DVD+VCR for DVD players or VCRs, and AUDIO+SB for audio devices and soundbars. To program these keys to control a different kind of device, you have to reassign them first.

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 two 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.

Reassigning the AUDIO+SB Key To Control Other Devices
The AUDIO+SB key defaults to control an audio device or soundbar. If you want the AUDIO+SB key to control a different device (an additional TV, DVD, satellite or cable box, for example), you must reassign it.

1. Press and hold the AUDIO+SB key. The POWER key turns on.
2. While holding down the AUDIO+SB key, press and release the number key on the keypad for the device you wish to control (see the chart below). The POWER key turns off.

AUDIO+SB KEY CONTROLS:	
Additional TV	press 1
VCR or DVR	press 2
Additional DVD	press 3
Audio device or soundbar	press 4
Additional satellite, cable box or streaming player	press 5

3. Release the AUDIO+SB key. The POWER key blinks two times and then turns off. The AUDIO+SB 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 AUDIO+SB key.

Volume Punch-Through

Volume punch-through allows the VOL and MUTE keys, when pressed in SAT+CBL+STRM or DVD+VCR mode, to "punch through" to TV or AUDIO+SB. Volume punch-through occurs automatically and allows you to control the volume without exiting the current mode. (If the DVD+VCR key has been programmed with a TV code, volume can punch through to this device as well.)

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

Volume punch-through sends volume commands to the last device you were controlling, either TV or AUDIO+SB, before the active device. For example, if you were controlling the TV before you started controlling your DVD player, the volume commands will "punch through" to the TV while you're in DVD+VCR mode.

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+STRM, DVD+VCR, AUDIO+SB, INFO, EXIT), Code Retrieval times out after 15 seconds. The POWER key blinks four times, and then turns off.

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

