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.

Universal Remote Control Owner's Manual
RCR412BR / RCR412SR / RCR412SIR
Manual del Propietario (parte posterior)

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, VCRs, DVD players and satellite receivers. Just press the corresponding key—DVD for a DVD player, TV for a television, SAT•CBL•DTC for a satellite receiver, VCR•AUX for a VCR.

Your universal remote requires two AA alkaline batteries (batteries may or may not be included, depending on model). 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.

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:

• The Auto Code Search goes automatically through all the codes for the device you're trying to control. It's the easiest method, but it can sometimes take longer than some of the other programming methods.

• The Brand Code Search searches through the codes for select brands of devices. It's not as easy as the auto code search, but it can be faster.

• The Direct Code Entry lets you enter a code from the accompanying code list for your brand of device. It's not as easy as the other methods, but it's potentially the fastest method.

• The Manual Code Search lets you manually go through all the codes for the device you're trying to control.

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.

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 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 PLAY on the remote and wait 5 seconds. The remote is testing a batch of 10 codes on your device.

Did your device turn off?
YES: Go to step 5.
NO: Press PLAY again. The remote tests the next batch of 10 codes.
Keep pressing PLAY every 5 seconds until your device turns off.

Step 1: Install your batteries
Step 2: Program your remote
TIPS:
Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters, DVD for DVD players, and VCR•AUX for VCRs. 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 GO BACK key.
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 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.

5. When your device turns off, press the REVERSE key on the remote and wait at least 2 seconds. The remote tries the last of the previous ten codes.

Did your device turn on?

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

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.

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 ON•OFF key blinks four times and turns off, and the last programmed code under that device key is retained).

The ON•OFF 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.

---

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•DTC for satellite receivers, cable boxes or digital TV converters, DVD for DVD players, and VCR•AUX for VCRs or DVRs. To program a device key for a different type of device, see the Changing a Key's Device Type section.

The ON•OFF key serves as an indicator light during programming, giving you feedback at each stage of the process.

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

4. Wait until the ON•OFF key comes on and stays on. Then release both keys.

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

6. 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's brand.

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 brand. Keep pressing ON•OFF every 2 seconds until your device turns off. When it does, press STOP.
2. Test the key's functionality again by attempting to control the device.

3. Repeat the Brand Code Search from the beginning. When the unit turns back on, you have found another code to program, and find your brand in the list of Code Lists that came with your remote. Circle 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.

4. Test the remote with the device to make sure the device currently programming the remote to control. Throughout the programming of each key, be sure to keep the ON•OFF key pressed (as mentioned earlier in the programming section below for more information). The ON•OFF key serves as an indicator light during programming, giving you feedback at each stage of the process.

TIPS:
- The ON•OFF key blinks four times and turns off when the code stored does not give maximum functionality. If some features don't work, try a different code. If a different code is available, it's potential the fastest method.
- The search times out after two minutes (the ON•OFF key blinks four times and turns off when the remote exits the process is exited. The last programmed code under the key is retained).
- Manually turn on the device you want to control and press the STOP key. While you're holding down the device key, use your other hand enter the first five-digit code for your brand in the code list (the ON•OFF key goes off after the first digit).

NOTES:
- If you press the STOP key, which would store the same code. Instead, with the remote has gone through all the codes. The remote exits the code under that device key is retained).
- 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 isn't listed in the Brand Code Search, press the GO BACK key. 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 Code Retrieval section of this manual. Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters, DVD for DVD players, and VCR•AUX for VCRs or DVRs. To program a device key for a different type of device, see the programming section below for more information.)
- TIP: Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters, DVD for DVD players, and VCR•AUX for VCRs or DVRs. To program a device key for a different type of device, see the programming section below for more information.)
- If you release the device key any time during the Direct Code Entry method, you may have missed a step in the code entry procedure. Try step 3 again.
Test the key's functionality again by trying a variety of the device's functions with the remote. If some features don't work, try a different search method. If your device hasn't turned off yet, try pressing the ON•OFF key many times—possibly hundreds of times. Because there are so many codes, you may have to press a key again to reactivate it. If the backlight illumination is on, the backlight key will reactivate it. If the backlight illumination is off, the backlight key will turn it on.

Throughout the programming of each key, keep the remote pointed at the IR sensor of the device you are programming to press. 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. Press the STOP key to store the code. You're done! You've programmed this device key.

When the unit turns off, you have found another code. Repeat the Manual Code Search from the beginning. When the remote tests the next code for maximum functionality, press the STOP key to store the code. If the code under that device key is retained, the last programmed time.

The search times out after two minutes (the ON•OFF key blinks four times and turns off, and the last programmed code is retained). If your device hasn't turned off yet, try pressing the ON•OFF key many times—possibly hundreds of times. Because there are so many codes, you may have to press a key again to reactivate it. If the backlight illumination is on, the backlight key will reactivate it. If the backlight illumination is off, the backlight key will turn it on.

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 turns off, and the last programmed code is retained).

When it comes to controlling a device, it's important to have the right remote. The RCA TV Remote Control is a versatile and user-friendly device that can control up to 10 devices. It features a clear and concise display, large buttons for easy access, and a simple setup process. The remote is designed to replace and upgrade your current remote control, making it a valuable addition to any household.
**Accessing Device Menus and Guides**

To use a device’s on-screen menu or guide system, you first have to put the remote in Menu or Guide Mode. After that, to access menus, press the MENU key. To access guides, press the GUIDE key. The ON•OFF key starts blinking, indicating you are in Menu or Guide Mode. To exit the Menu or Guide Mode, press the ON•OFF key. If the remote clears the mode after the displayed menu clears from the TV, press the channel up/down or volume up/down keys. Once you've programmed the remote to control your devices, you can use the menu and guide function of every device model, although this remote may not access every menu or guide system this remote may not access every menu or guide system of every device model, it does offer some menu and guide functionality. Many devices use on-screen menus and guides to help you navigate through all their features and programming. While through inputs when in TV Mode.)

**Reassigning the VCR•AUX Key to Control Other Devices**

If you want to control a different device (an additional TV, satellite, cable box or digital TV converter, for example), you must reassign it.

1. Press and hold the VCR•AUX key. The ON•OFF key turns on.
2. While holding down the VCR•AUX key, press and release the corresponding device key on the remote (TV, SAT•CBL•DTC, DVD, VCR•AUX). The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.
3. Release the VCR•AUX key. The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.

**Changing a Key’s Device Type**

If you want to exit the Menu Mode yourself, press the 5.  Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON•OFF key times out after 20 seconds. If this happens, then retry your selection. The ON•OFF key remains on.

**Code Retrieval**

To exit the Code Retrieval Mode at any time, press the INFO key. The ON•OFF key turns off. After holding down both keys for three seconds, the ON•OFF key turns off. 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.

**VCR•AUX Key Default**

The VCR•AUX key defaults to control a VCR or DVR. If you want to control a different device, you have to reassign them first. Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, DVD for DVD players, and VCR or DVR press 2. Additional TV press 1. Additional DVD press 3. Additional satellite, cable box or digital TV converter, press 4. The ON•OFF key blinks briefly, then turns off.

**Advanced Functions**

**Changing a Key's Device Type**

If you want to control a different device (an additional TV, satellite, cable box or digital TV converter, for example), you must reassign it.

1. Press and hold the VCR•AUX key. The ON•OFF key turns on.
2. While holding down the VCR•AUX key, press and release the corresponding device key on the remote (TV, SAT•CBL•DTC, DVD, VCR•AUX). The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.
3. Release the VCR•AUX key. The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.

**Changing a Key’s Device Type**

If you want to exit the Menu Mode yourself, press the 5.  Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON•OFF key times out after 20 seconds. If this happens, then retry your selection. The ON•OFF key remains on.

**Code Retrieval**

To exit the Code Retrieval Mode at any time, press the INFO key. The ON•OFF key turns off. After holding down both keys for three seconds, the ON•OFF key turns off. 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.

**VCR•AUX Key Default**

The VCR•AUX key defaults to control a VCR or DVR. If you want to control a different device, you have to reassign them first. Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, DVD for DVD players, and VCR or DVR press 2. Additional TV press 1. Additional DVD press 3. Additional satellite, cable box or digital TV converter, press 4. The ON•OFF key blinks briefly, then turns off.

**Advanced Functions**

**Changing a Key's Device Type**

If you want to control a different device (an additional TV, satellite, cable box or digital TV converter, for example), you must reassign it.

1. Press and hold the VCR•AUX key. The ON•OFF key turns on.
2. While holding down the VCR•AUX key, press and release the corresponding device key on the remote (TV, SAT•CBL•DTC, DVD, VCR•AUX). The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.
3. Release the VCR•AUX key. The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.

**Changing a Key’s Device Type**

If you want to exit the Menu Mode yourself, press the 5.  Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON•OFF key times out after 20 seconds. If this happens, then retry your selection. The ON•OFF key remains on.

**Code Retrieval**

To exit the Code Retrieval Mode at any time, press the INFO key. The ON•OFF key turns off. After holding down both keys for three seconds, the ON•OFF key turns off. 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.

**VCR•AUX Key Default**

The VCR•AUX key defaults to control a VCR or DVR. If you want to control a different device, you have to reassign them first. Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, DVD for DVD players, and VCR or DVR press 2. Additional TV press 1. Additional DVD press 3. Additional satellite, cable box or digital TV converter, press 4. The ON•OFF key blinks briefly, then turns off.

**Advanced Functions**

**Changing a Key's Device Type**

If you want to control a different device (an additional TV, satellite, cable box or digital TV converter, for example), you must reassign it.

1. Press and hold the VCR•AUX key. The ON•OFF key turns on.
2. While holding down the VCR•AUX key, press and release the corresponding device key on the remote (TV, SAT•CBL•DTC, DVD, VCR•AUX). The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.
3. Release the VCR•AUX key. The ON•OFF key blinks four times, and then turns off. The VCR•AUX key is now set to control the device type you selected.

**Changing a Key’s Device Type**

If you want to exit the Menu Mode yourself, press the 5.  Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON•OFF key times out after 20 seconds. If this happens, then retry your selection. The ON•OFF key remains on.

**Code Retrieval**

To exit the Code Retrieval Mode at any time, press the INFO key. The ON•OFF key turns off. After holding down both keys for three seconds, the ON•OFF key turns off. 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.