



# RCR815N

## Universal Remote Control Owner's Manual

### Manual del Propietario (parte posterior)

**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, VCR for a VCR, SAT•CBL•DTC for a satellite receiver, DVR for a DVR.

## Step 1: Install your batteries

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

### To install the batteries:

1. Remove the battery compartment cover.
2. Insert the batteries, matching 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:

- 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. **Note:** Direct Code Entry is usually the best method to use for audio devices.
- The **Manual Code Search** lets you manually go through all the codes for the device you're trying to control.

**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 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 Auto Code Search. If your device hasn't turned off yet, try a different search method.

### 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.

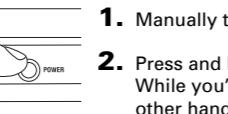
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Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, digital TV converters, or cable boxes, DVD for DVD players, DVR for DVRs, AUDIO for audio receivers, and VCR for VCRs.

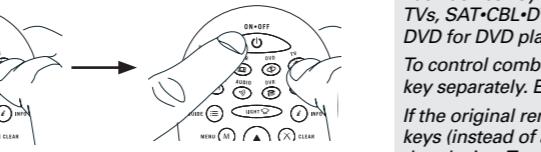
To control combo devices, like TV/DVDs and TV/VCRs, you need to program each key separately. Each key will control that part of the combo device.

If the original remote control that came with your device has separate ON and OFF keys (instead of a single ON•OFF key), the Auto Code Search might not work with that device. Try the Direct Code Entry method described later in this manual.

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



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.

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.

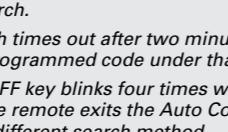
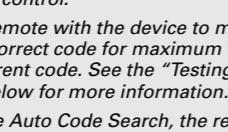
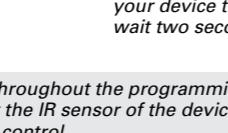
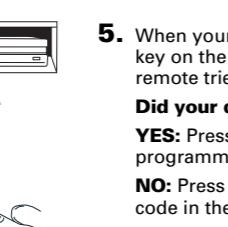
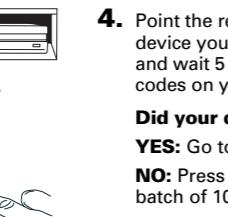
**Did your device turn on?**

**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.



### 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.

### 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.

**IMPORTANT:** The Brand Code Search works for TVs, VCRs, DVD players, satellite receivers and cable boxes. The Brand Code Search does not work for programming this remote to control audio devices, DVRs, and digital TV converter boxes. Use a different programming method for these kinds of devices.

**TIPS:** To program the AUX1 or AUX2 keys, you must first assign them to a device type. See the Assigning the AUX1 and AUX2 Keys section.

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, digital TV converters, or cable boxes, DVD for DVD players, DVR for DVRs, AUDIO for audio receivers, and VCR for VCRs.

To control combo devices, like TV/DVDs and TV/VCRs, you need to program each key separately. Each key will control that part of the combo device.

If the original remote control that came with your device has separate ON and OFF keys (instead of a single ON•OFF key), the Brand Code Search might not work with that device. Try the Direct Code Entry method described later in this manual.

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

### Direct Code Entry

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.

**TIPS:** To program the AUX1 or AUX2 keys, you must first assign them to a device type. See the Assigning the AUX1 and AUX2 Keys section.

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, digital TV converters, or cable boxes, DVD for DVD players, DVR for DVRs, AUDIO for audio receivers, and VCR for VCRs.

To control combo devices, like TV/DVDs and TV/VCRs, you need to program each key separately. Each key will control that part of the combo device.

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

### Manual Code Search

The Manual Code Search takes you 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 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.

To program the AUX1 or AUX2 keys, you must first assign them to a device type. See the Assigning the AUX1 and AUX2 Keys section.

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If the original remote control that came with your device has separate ON and OFF keys (instead of a single ON•OFF key), the Brand Code Search might not work with that device. Try the Direct Code Entry method described later in this manual.

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

### 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.

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:** Because there are so many codes, you may have to press the ON•OFF key many times—possibly hundreds of times.

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

**Actual model may vary from illustration**

**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.

**Is the ON•OFF key illuminated?**

**YES:** You're done! You've programmed this device key.

**NO, it blinked four times and turned off:** You have either entered a code number that is not in the code lists or missed a step in the code entry procedure. Try step 3 again.

**During the Brand 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 Brand Code Search. If your device hasn't turned off yet, try a different search method.

**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 device features don't work, go to the next step to try a different code.

2. Repeat the Brand Code Search from the beginning. When the device turns off, don't stop searching. Instead, with the unit now off, continue to press the ON•OFF 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.

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## 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 (S). 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.

## 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.
4. 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.
5. 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 pointed at the TV to activate the Sleep Timer.

**Note:** If the ON-OFF key is pressed, the Sleep Timer is canceled.

## 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 the AUX1 or AUX2 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 the AUX1 or AUX2 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 AUX 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.

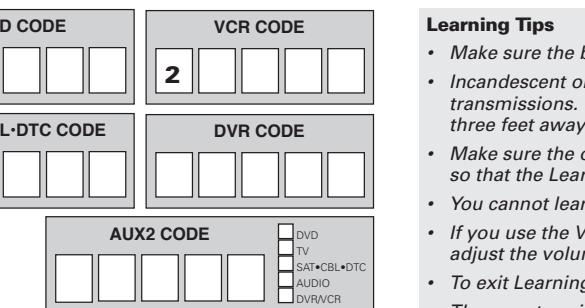
1. Press and hold the device key (TV, SAT-CBL-DTC, DVD, AUDIO, VCR, DVR, AUX1 or 2) whose code you wish to retrieve. The ON-OFF key illuminates. Keep pressing the device key.

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.



## Learning

Codes from the Code Lists include basic functionality for each component they control. Once you have programmed in the code for your specific component, you can customize the universal remote to include certain functions from your original remote(s) that were not embedded in the preset code. Your universal remote has the ability to learn and store commands from your original remote(s) under the mode(s) of your choice. The universal remote can store up to 34 key commands for each original remote.\* Only one original remote can be learned under any one mode (e.g., the universal remote can learn commands for one TV remote, one VCR remote, etc.).

**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.

\* Some learned signals require more memory than others. In these cases,

fewer key commands can be learned.

**Before First-Time Learning**

Before you start learning keys for the first time, clear any stored learning information that might be in the remote. This lets you begin with a clean slate.

1. Press and hold the CLEAR key (the ON-OFF key illuminates). While you're holding down the CLEAR key, use your other hand to press and hold the ON-OFF key (the ON-OFF key illumination turns off).

2. Wait until the ON-OFF key comes on and stays on. Then release both keys. The remote is now in the Master Clear mode.

**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.

**Programming a Macro**

**Important:** Before you start, make sure your remote is programmed to control your devices and that you've learned all the keys you want to learn from your original remotes.

1. Press and hold the MACRO key until the ON-OFF key turns on and remains on.

2. Press the number key (1-6) where the macro you want to delete is stored. The ON-OFF key blinks once, then remains on.

3. Press the SELECT/OK key to confirm the Macro Clear operation. The ON-OFF key stays on for 2 seconds, then turns off. The selected Macro is deleted.

4. Press the SELECT/OK key to confirm the Clear operation. The ON-OFF key remains on for 2 seconds, then turns off. All Learned functions for all components are now cleared; all other programming remains intact.

**Note:** If you do not press the SELECT/OK key within 15 seconds (or if you press a different key), the ON-OFF key blinks four times and turns off. The remote exits macro deletion mode, and no changes are made to existing Macros.

5. Repeat steps 1-4 for any other existing Macros to be cleared.

**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.

## Using a Macro

1. Press the MACRO key.

2. Press the number key assigned to the Macro sequence you want to execute.

The ON-OFF key blinks once, then remains on.

As the remote sends each command in the Macro sequence, the ON-OFF key blinks once. After the remote sends the last command in the Macro sequence, the ON-OFF key illumination turns off.

**Learning Tips**

• Make sure the batteries in both the learning and original remote(s) are fresh.

• Incandescent or low-energy light can cause interference with IR transmissions. When using the Learning function, keep remotes at least three feet away from such light sources.

• Make sure the original remote is in the same mode as the universal remote so that the Learned key is assigned to the correct mode.

• You cannot learn any commands under the MACRO, SLEEP, or LIGHT keys.

• If you use the VOL+/- keys to learn new functions, the volume control will not adjust the volume in the Volume Punch Through mode.

• To exit Learning mode at any time, press the SLEEP key.

• The remote exits Learning mode if it has run out of memory to store new learned keys.

• To ensure that your units are compatible and to increase your familiarity with the Learning process, experiment by learning two or three keys initially. Then, carry out a Master Clear before learning all the desired functions from your original remote.

• 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, 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.

• Menu access isn't supported for all brands. You may need to use your original remote control to access menu functions for some devices.

**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, 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).

• 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.)

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• Menu access isn't supported for all brands. You may need to use your original remote control to access menu functions for some devices.

• 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, 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).

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# RCR815N

## Manual del Propietario del Control Remoto Universal

Owner's Manual (English on back)

**Consejo:** Este control remoto ya está programado para la mayoría de televisores, VCR, lectores de DVD y receptores de satélite RCA. Sencillamente oprima la tecla correspondiente—DVD para un Lector de DVD, TV para un televisor, VCR para una VCR, SAT•CBL•DTC para un receptor de satélite, DVR para una unidad DVR.

### Paso 1: Instale las baterías

El control remoto necesita dos baterías alcalinas AA (no suministradas).

#### Para instalar las baterías:

1. Retire la tapa del compartimiento de las baterías.
2. Inserte las baterías, cerciorándose de que las polaridades (+) y (-) correspondan con el diagrama que aparece en el compartimiento de las baterías.
3. Vuelva a colocar la tapa del compartimiento de las baterías en su posición.

#### Precauciones sobre las Baterías:

- No combine baterías nuevas y viejas.
- No combine diferentes tipos de baterías: alcalinas, estándar (carbono-zinc) o recargables (níquel-cadmio).
- Siempre remueve de inmediato baterías viejas, débiles o desgastadas, y recíclelas o desecharlas según lo disponen las normas locales y nacionales.

#### Ahorro de Batería

Su control remoto universal ahorra la potencia de las baterías al apagar automáticamente cualquier tecla que se oprime por más de 60 segundos. Esta acción prolonga la vida útil de las baterías en caso de que el control remoto quede pillado en un lugar donde las teclas permanezcan oprimidas, tal como entre los cojines de un sofá.

### Paso 2: Programe el control remoto

Para utilizar este control remoto universal con su sistema de entretenimiento en el hogar, necesitará primero programarlo para manejar sus dispositivos. Para programar el control remoto universal para manejar sus dispositivos, utilice uno de los cuatro métodos a continuación.

- La **Búsqueda Automática de Códigos** recorre automáticamente todos los códigos del dispositivo que desea manejar. Éste es el método más fácil, pero a veces toma más tiempo que algunos de los demás métodos de programación.
- La **Búsqueda de Códigos por Marca** busca a través de los códigos según la marca del dispositivo seleccionada. No es tan fácil como la búsqueda de códigos automática, pero muchas veces puede ser más rápida.
- La **Entrada Directa de Códigos** le permite ingresar un código de la lista de códigos suministrada para la marca de su dispositivo. No es tan fácil como los otros métodos, pero es posiblemente el más rápido. **Aviso:** Por lo general, la Entrada Directa de Códigos es el mejor método para utilizar con dispositivos de audio.
- La **Búsqueda Manual de Códigos** le permite recorrer manualmente todos los códigos del dispositivo que desea manejar.

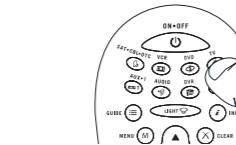
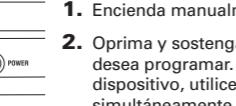
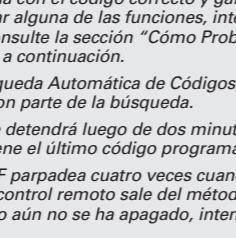
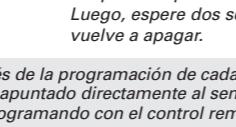
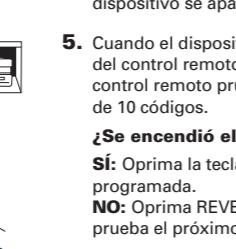
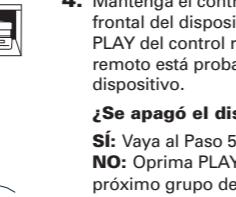
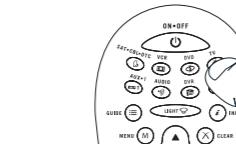
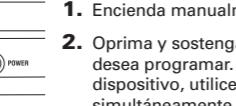
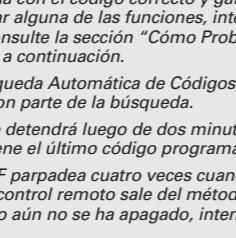
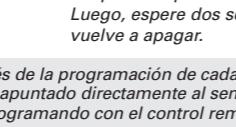
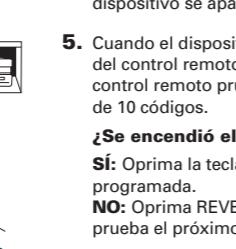
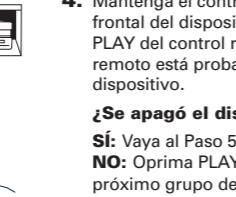
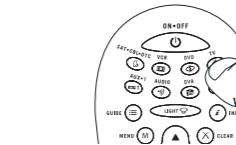
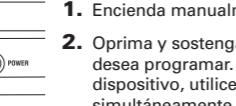
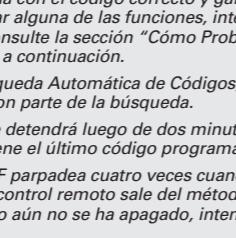
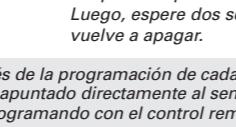
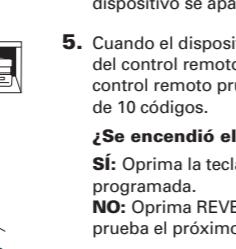
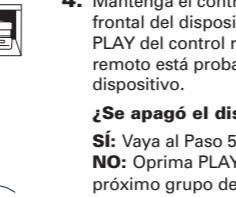
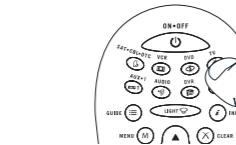
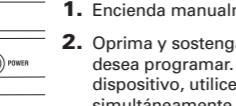
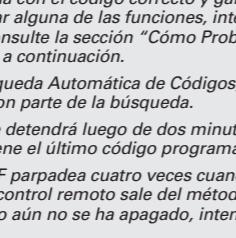
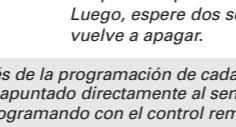
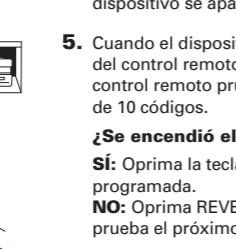
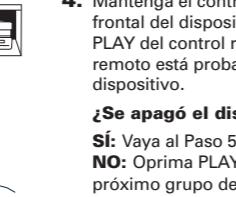
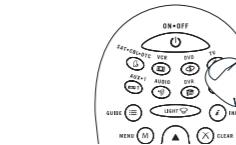
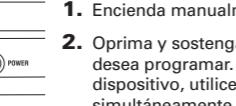
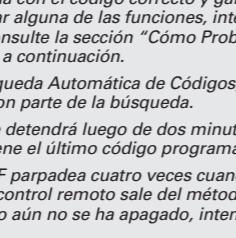
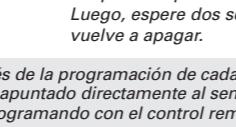
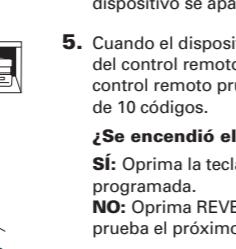
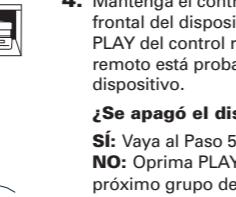
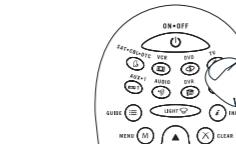
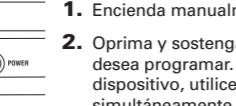
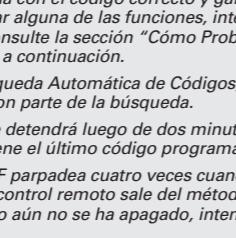
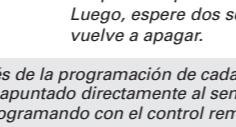
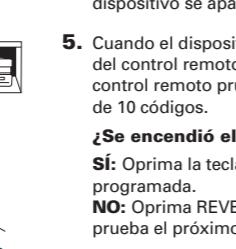
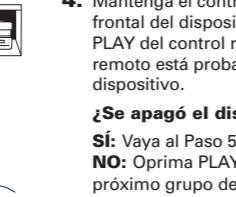
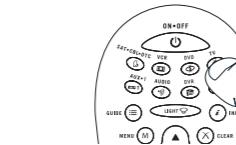
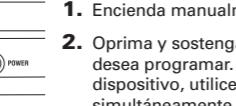
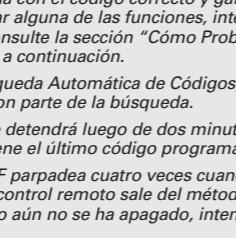
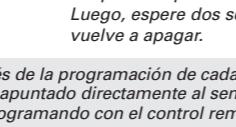
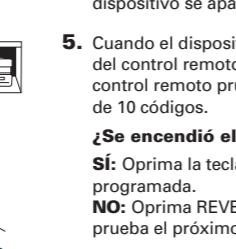
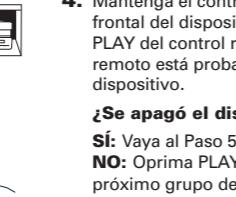
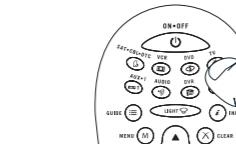
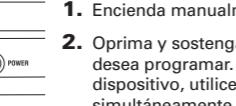
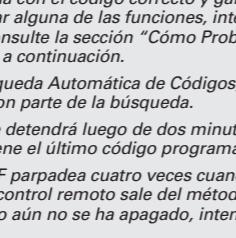
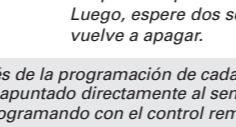
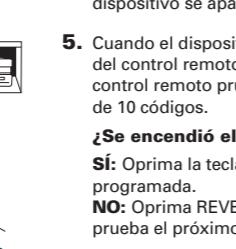
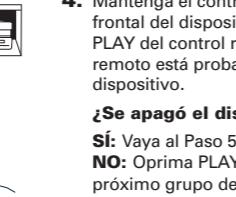
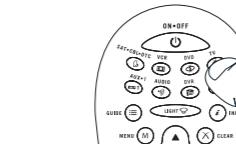
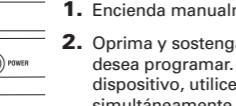
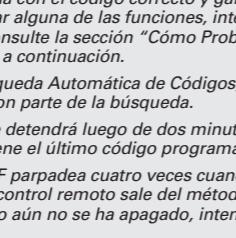
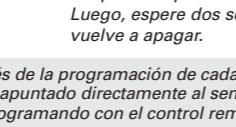
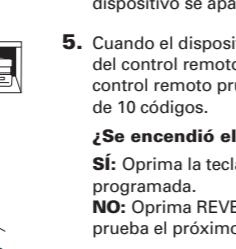
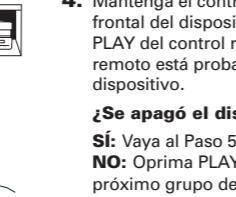
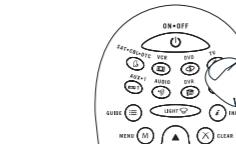
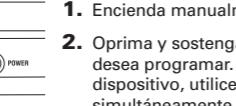
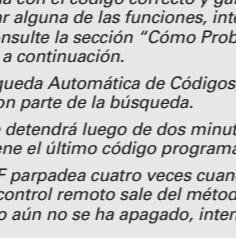
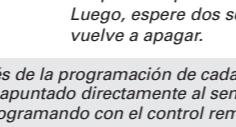
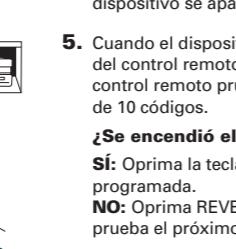
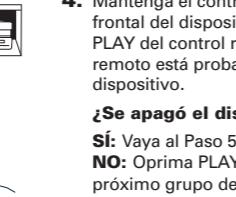
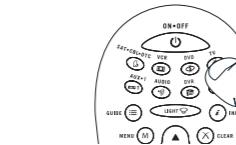
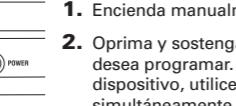
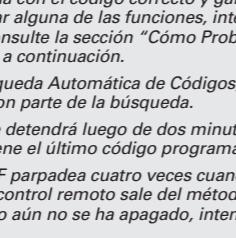
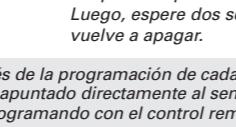
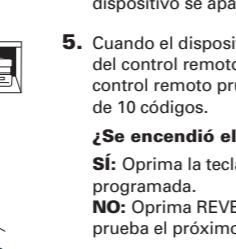
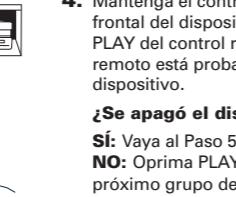
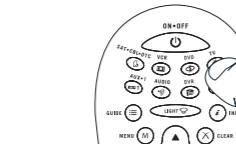
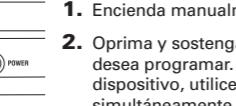
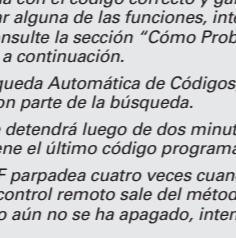
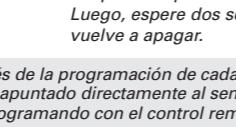
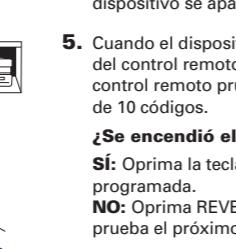
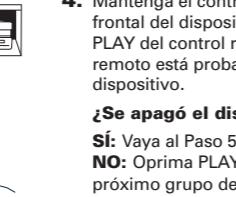
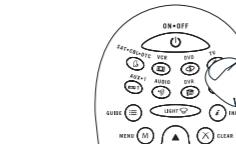
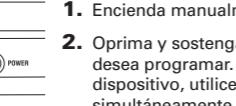
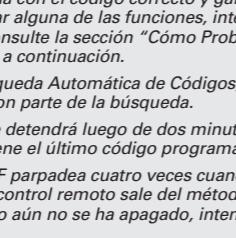
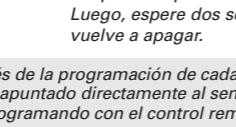
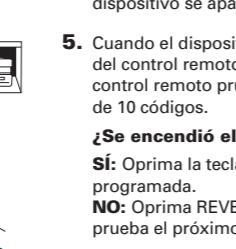
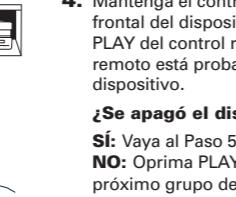
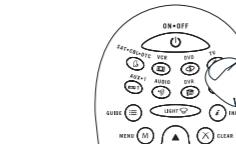
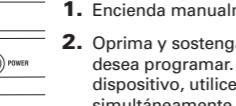
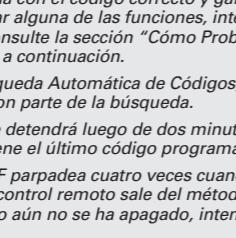
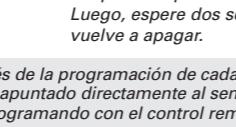
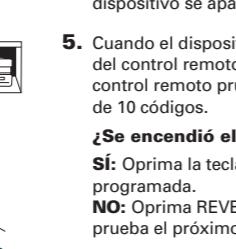
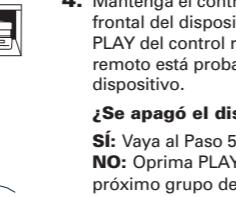
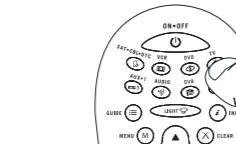
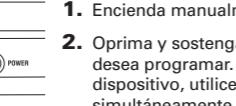
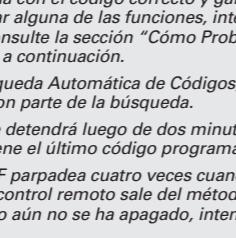
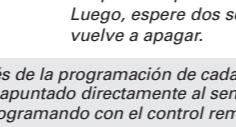
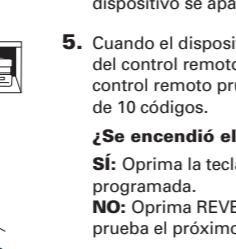
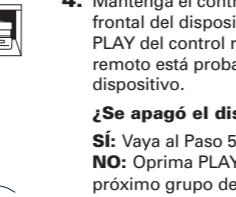
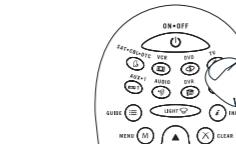
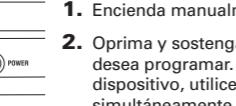
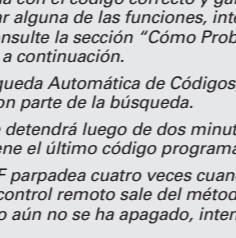
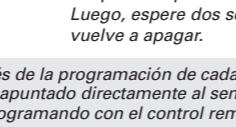
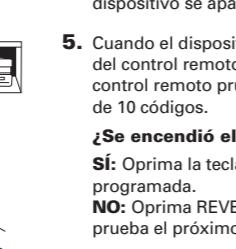
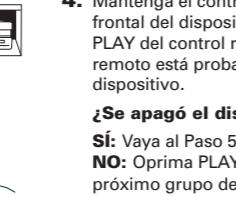
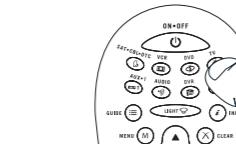
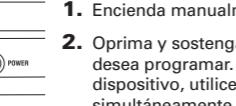
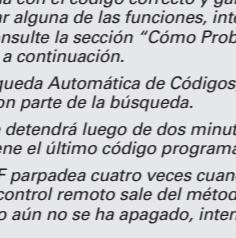
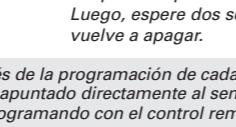
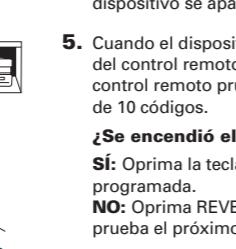
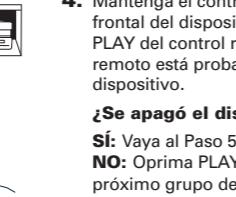
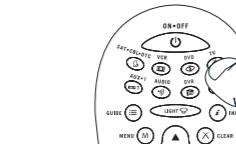
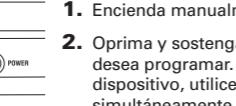
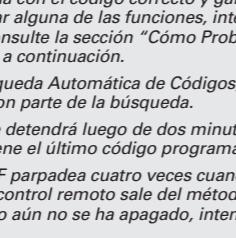
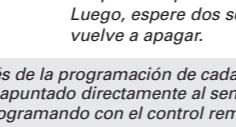
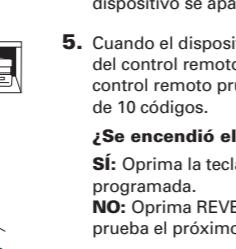
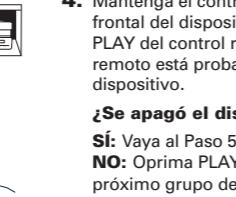
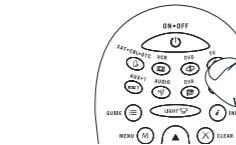
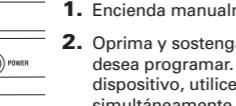
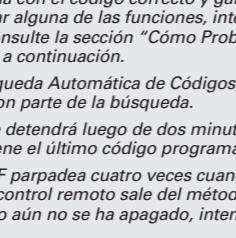
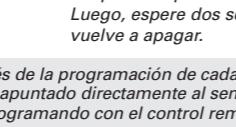
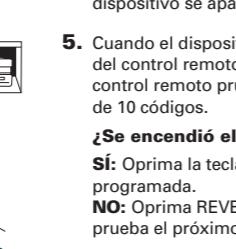
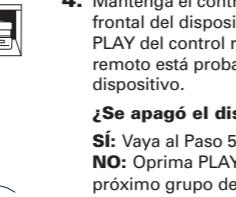
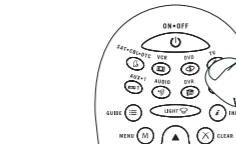
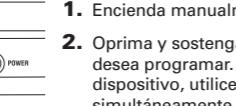
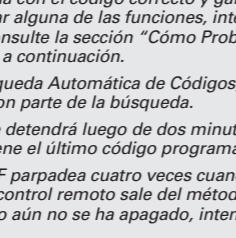
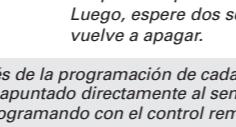
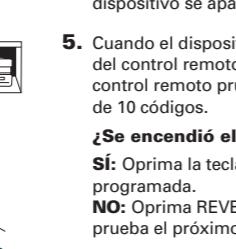
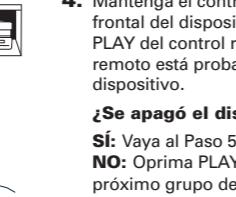
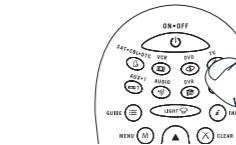
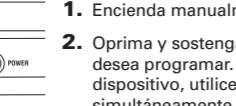
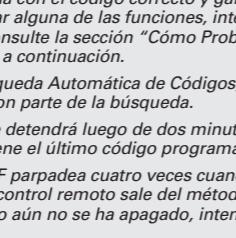
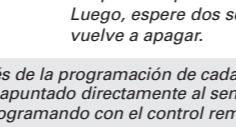
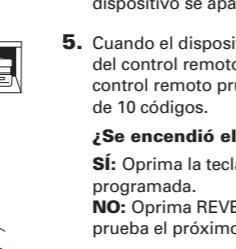
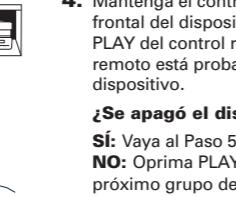
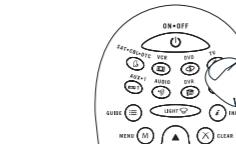
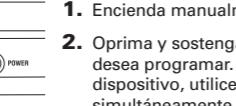
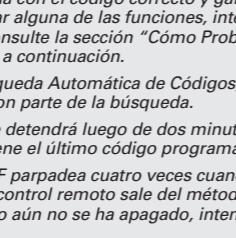
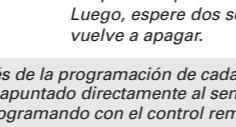
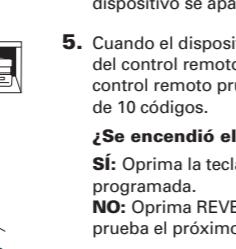
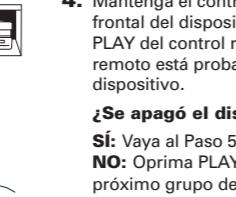
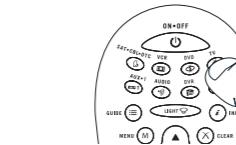
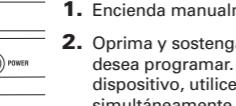
**NOTAS:** A través de la programación de cada tecla, asegúrese de mantener el control remoto apuntado directamente al sensor infrarrojo del dispositivo que está actualmente programando con el control remoto.

Pruebe el control remoto con el dispositivo para asegurarse que la tecla de dispositivo esté programada con el código correcto y garantizar así su máxima funcionalidad. Si no puede utilizar alguna de las funciones, intente con otro código. Para obtener mayor información, consulte la sección "Cómo Probar el Código para Obtener Máxima Funcionalidad" a continuación.

Durante la Búsqueda Automática de Códigos, el control remoto ignora la operación de teclas que no son parte de la búsqueda.

La búsqueda se detendrá luego de dos minutos (la tecla ON•OFF parpadea cuatro veces, y se retiene el último código programado bajo la tecla de dispositivo).

La tecla ON•OFF parpadea cuatro veces cuando el control remoto ha recorrido todos los códigos. El control remoto sale del método de Búsqueda Automática de Códigos. Si su dispositivo aún no se ha apagado, intente un método de búsqueda diferente.



## IMPORTANTE

Dado que este control remoto maneja más de un dispositivo, deberá primero "indicarle" al control remoto cuál dispositivo desea manejar. En otras palabras, si desea manejar el televisor, deberá primera oprimir la tecla TV para poner el control remoto en el Modo TV. El control remoto permanece en ese modo de dispositivo hasta que oprime una tecla de dispositivo diferente. Por ejemplo, si el control remoto se encuentra en el Modo TV y desea manejar el Lector de DVD, deberá oprimir la tecla DVD para cambiar los modos de dispositivo.

## Luz de fondo

La iluminación de fondo le ayuda a ver mejor las teclas del control remoto en la oscuridad. Puede encender y apagar la iluminación de fondo oprimiendo la tecla de luz de fondo (Q). La luz de fondo permanece encendida siempre y cuando se continúe oprimiendo teclas y se apaga seis segundos luego de la última opresión de una tecla. Una vez se apague la luz de fondo, puede volver a activarla oprimiendo cualquier tecla. Si la iluminación de fondo está encendida, y oprime la tecla de fondo, la luz de fondo se apagará.

## Reloj de Apagado Automático

Esta función apaga el televisor automáticamente por la duración que usted elija entre 1 a 99 minutos. El Reloj de Apagado Automático funciona sólo si se encontró el código que maneja su televisor. El mecanismo de temporización para el Reloj de Apagado Automático viene integrado en su control remoto universal.

### Para Programar el Reloj de Apagado Automático:

- Oprima la tecla TV.
- Oprima la tecla SLEEP y manténgala oprimida durante tres segundos. Se enciende la tecla ON-OFF. Luego, suelte la tecla SLEEP.
- Ingrese el tiempo deseado en minutos (de 1 a 99 minutos) con las teclas numéricas. Para configurar el reloj a menos de 10 minutos, oprima 0 y luego el número deseado (por ejemplo, 05 para cinco minutos). La tecla ON-OFF parpadea cada vez que se oprime una tecla. Una vez ingrese el segundo número, la tecla ON-OFF se apaga. Esto concluye la configuración del Reloj de Apagado Automático.
- Se ignorará toda otra tecla que se oprime diferente de las teclas numéricas. Si la hora de apagado automático no se ingresa en un lapso de 15 segundos luego de oprimir la tecla SLEEP, la tecla ON-OFF parpadeará cuatro veces, indicando que el intento de programar el Reloj de Apagado Automático no tuvo éxito.
- Deje el control remoto apuntado hacia el televisor. Una vez que se configura el Reloj de Apagado Automático, puede continuar utilizando el control remoto sin afectar dicha función. Sin embargo, deberá apuntar el control remoto hacia el televisor para activar el Reloj de Apagado Automático.
- Aviso:** Si se oprime la tecla ON-OFF, se cancelará el Reloj de Apagado Automático.

## Funciones Avanzadas

### Cómo Asignar las Teclas AUX1 o AUX2

Para programar las teclas AUX1 o AUX2, necesitará primero asignarlas a un tipo de dispositivo.

- Oprima y sostenga la tecla AUX1 o AUX2. La tecla ON-OFF se enciende.
- Mientras sostiene la tecla AUX1 o AUX2, oprima y suelte la tecla numérica en el teclado para el dispositivo que desea manejar (consulte la tabla abajo). La tecla ON-OFF se apaga.

CONTROLES DE LAS TECLAS AUX1 o AUX2:	
TV adicional	oprima 1
VCR o DVR	oprima 2
Lector de DVD adicional	oprima 3
Dispositivo de audio adicional	oprima 4
Receptor de satélite, aparato de cable o convertidor de DTV adicional	oprima 5

- Suelte la tecla AUX1 o AUX2. La tecla ON-OFF parpadea cuatro veces y luego se apaga. La tecla AUX1 o AUX2 se encuentra ahora lista para manejar el tipo de dispositivo que usted seleccionó.
- Observe las instrucciones de la búsqueda de códigos automática, por marca, manual o entrada directa para programar la tecla AUX1 o AUX2.

## Irrupción de Volumen

Irrupción de Volumen le permite a las teclas VOL y MUTE, cuando se oprimen en los modos SAT•CBL•DTC, DVD, VCR o VCR, "irrumplir" al TV o al AUDIO, el último que se haya accedido. Irrupción de Volumen ocurre automáticamente y le permite controlar el volumen sin tener que salir del modo actual. (Si la tecla AUX1 o AUX2 ha sido programada con un código de TV o AUDIO, el volumen puede irrumplir también a estos dispositivos.)

**Aviso:** Irrupción de Volumen no ocurre en casos donde el código del componente tiene sus propios controles de volumen/silencio, tal como algunos receptores de satélite.

## Irrupción de Volumen Avanzada

Según se describió arriba, la Irrupción de Volumen ocurre automáticamente. Si desea especificar si la Irrupción de Volumen es dirigida a TV o AUDIO mientras se encuentra en los modos SAT•CBL•DTC, DVD, DVR o VCR, observe los pasos a continuación.

**Aviso:** Esta opción puede habilitarse para la tecla AUX1 o AUX2, si se programa con un código VCR, DVR, DVD, CD, SAT o TV.

### 1.

Oprima y sostenga la tecla cuyos comandos de volumen desea enviar al televisor o dispositivo de audio. La tecla ON-OFF se enciende.

### 2.

Mientras sostiene la tecla de dispositivo, oprima y sostenga la tecla VOL + (arriba).

### 3.

La tecla ON-OFF se apaga.

### 4.

Luego de sostener ambas teclas durante 3 segundos, la tecla ON-OFF se encenderá y permanecerá encendida. Suelte ambas teclas.

### 5.

Oprima y suelte la tecla de dispositivo a la cual desea que la Irrupción de Volumen sea dirigida desde el modo seleccionado (tecla TV, AUDIO o AUX). La tecla ON-OFF parpadea.

**Aviso:** La tecla de dispositivo oprimida en el paso 4 deberá programarse con un componente de TV o AUDIO. Si se oprime una tecla inválida, la tecla ON-OFF parpadeará cuatro veces.

**Importante:** Una vez haya programado cualquier dispositivo con una Irrupción de Volumen específica, la Irrupción de Volumen para el resto de los dispositivos cambiará por defecto a AUDIO. Si no desea que la Irrupción de Volumen del resto de los componentes cambie por defecto a AUTO, deberá programarlos manualmente, siguiendo los pasos 1-4.

## Irrupción de Teclas de Transporte

La Irrupción de Teclas de Transporte les permite a las teclas de transporte (REVERSE, PLAY, FORWARD, RECORD, STOP o PAUSE), cuando se oprimen en los modos TV, SAT, CABLE y AUDIO, "irrumplir" a los modos VCR, DVR o DVD/CD, cualquiera que sea el último que se haya accedido. La Irrupción de Teclas de Transporte ocurre automáticamente y le permite utilizar las teclas de transporte sin tener que salir del modo actual. Por ejemplo, si la última vez que se utilizaron las teclas de transporte fue en el modo DVD y se accesaron nuevamente luego de oprimir la tecla TV, éstas irrumplirán al DVD. La Irrupción de Teclas de Transporte predeterminada se configura en DVD para TV, SAT, CABLE y AUDIO.

**Aviso:** La Irrupción de Teclas de Transporte no ocurre donde el código del componente tenga su propia información de tecla de transporte, tal como un receptor de satélite con un DVR integrado.

## Recuperación de Códigos

Una vez haya programado el control remoto para manejar sus dispositivos, se recomienda anotar los códigos para futura referencia. Si utilizó el método de Entrada Directa de Códigos, es muy sencillo. Simplemente encuentre los códigos que ingresó y anótelos en los recuadros a continuación. Si utilizó uno de los métodos de Búsqueda de Códigos para programar el control remoto o si utilizó el método de Entrada Directa de Códigos para programar el control remoto o si utilizó el código de cinco dígitos de cada uno de los dispositivos. Recuperar y anotar el código real le ahorrará tiempo si alguna vez necesita volver a programar el control remoto (por ejemplo, si se pierde la programación cuando cambia las baterías). Si anota los códigos, puede utilizar el método de Entrada Directa para volver a programar el control remoto a fin de manejar otros dispositivos, un proceso rápido y sencillo.

**CONSEJOS:** Todos los códigos de TV comienzan con el número 1; todos los códigos de VCR y DVR comienzan con el número 2; todos los códigos de lectores de DVD, con el número 3; todos los códigos de dispositivos de audio, con el número 4; y todos los códigos de receptores de satélite, aparatos de cable, y convertidores de TV digital, con el número 5.

Para salir del Modo de Recuperación de Códigos en cualquier momento, oprima la tecla CLEAR.

Si oprime una tecla inválida durante el proceso de Recuperación de Códigos, el control remoto no responderá. Si no oprime una tecla de Recuperación de Códigos válida, (TV, SAT•CBL•DTC, DVD, AUDIO, VCR, DVR, AUX1, AUX2, INFO, CLEAR), la Recuperación de Códigos se detendrá al cabo de 15 segundos. La tecla ON-OFF parpadea cuatro veces y luego se apaga.

- Oprima y sostenga la tecla de dispositivo (TV, SAT•CBL•DTC, DVD, AUDIO, VCR, DVR, AUX1 o AUX2) cuyo código desea recuperar. La tecla ON-OFF se encenderá. Continúe oprimiendo la tecla de dispositivo.
- Mientras sostiene la tecla de dispositivo, oprima y sostenga la tecla INFO. La tecla ON-OFF se apagará. Luego de sostener ambas teclas durante tres segundos, la tecla ON-OFF se encenderá nuevamente.
- Suelte ambas teclas. La tecla ON-OFF permanece encendida.
- Comenzando con la tecla numérica 1, oprima y suelte cada tecla numérica en el teclado en el siguiente orden 1-9, luego 0. El número que hace que la tecla ON-OFF parpadee es el primer número del código. Mientras encuentre los números del código, anótelos para referencia futura.
- Repita el paso 4 hasta haber recuperado los cinco números del código. Luego de recuperar el quinto número, la tecla ON-OFF parpadea brevemente, y luego se apaga.

Irrupción de Volumen le permite a las teclas VOL y MUTE, cuando se oprimen en los modos SAT•CBL•DTC, DVD, VCR o VCR, "irrumplir" al TV o al AUDIO, el último que se haya accedido. Irrupción de Volumen ocurre automáticamente y le permite controlar el volumen sin tener que salir del modo actual. (Si la tecla AUX1 o AUX2 ha sido programada con un código de TV o AUDIO, el volumen puede irrumplir también a estos dispositivos.)

**Aviso:** Irrupción de Volumen no ocurre en casos donde el código del componente tiene sus propios controles de volumen/silencio, tal como algunos receptores de satélite.

## CÓDIGO DE TV

1			
3			
2			
4			
5			

## CÓDIGO DE DVD

DVD			
TV			
SAT•CBL•DTC			
AUDIO			
DVR/VCR			

## CÓDIGO DE VCR

VCR			
DVR			
CD			
SAT			
TV			

## CÓDIGO DE AUDIO

AUDIO			
DVR			
VCR			
CD			
SAT			

## CÓDIGO DE SAT•CBL•DTC

SAT			
CBL			
DTC			
TV			
AUDIO			

## CÓDIGO DE DVR

DVR			
CD			
SAT			
TV			
AUDIO			

## CÓDIGO DE AUX1

AUX1			
DVD			
TV			
SAT•CBL•DTC			
AUDIO			

## CÓDIGO DE AUX2

AUX2			




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