RCA

RCRN04GR

Universal Remote Control Owner's Manual

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

Step 1: Install your batteries

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

To install the batteries:
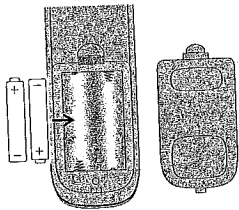
1. Remove the battery compartment cover.

2. Insert the batteries, matching the batteries to the (+) and (–) marks inside the battery compartment.

3. Push the battery cover back into place.

Battery Precautions:

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

Battery Saver

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

Step 2: Program your remote

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

* 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.

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•VCR for DVD players, and DVR•AUX for DVRs. To
program a device key for a different type of device, see the
*Changing a Key's Device Type section.*

To exit without saving a new code at any point in the Auto
Code Search, press the EXIT key.
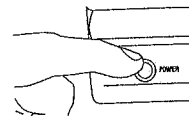
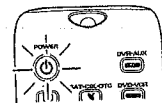**1.** Manually turn on the device you want to control.

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

While you're holding down the device key, use your other hand to press and hold the remote's POWER key at the same time. The POWER key turns off.
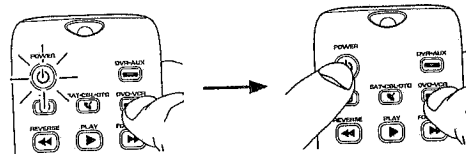
3. Wait until the POWER key comes on and stays on. Then release both keys.

4. Point the remote directly at the front panel of the device you want to control. Press PLAY on the remote and wait 5 seconds. The remote is testing a batch of 10 codes on your device.
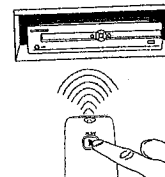
Did your device turn off?

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.

NOTES

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

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

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

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

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

Testing the Code for Maximum Functionality

1. Try a variety of the device's functions with the remote. If some device features don't work, go to the next step to try a different code.

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

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

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

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•VCR for DVD players, and DVR•AUX for DVRs. To program a device key for a different type of device, see the Changing a Key's Device Type section.

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

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

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

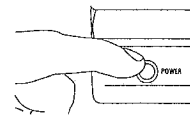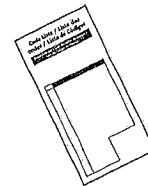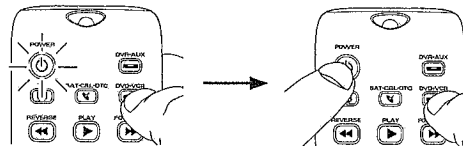**3.** Press and hold the device key you want to program. The POWER key illuminates.

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

4. Wait until the POWER key comes on and stays on. Then release both keys.
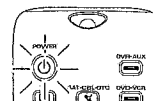
5. Look at the numbers you circled for your device's brand code number. Press those numbers on the remote keypad.
Note: For single-digit brand codes, press the 0 key first (for example, 0-5 for 5).

6. Point the remote directly at the front panel of the device you want to control. Press POWER on the remote and wait 2 seconds. The remote is testing a single code for your device's brand.
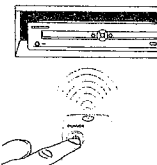
Did your device turn off?

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

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

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

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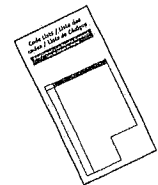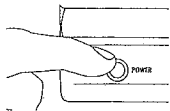
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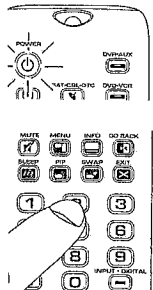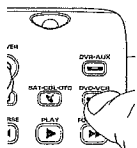
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Throughout the programming of each key, be sure to keep the remote pointed at the IR sensor of the device you are currently programming the remote to control.

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

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

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

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

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 for the first time, don't press the STOP key, which would store the same code. Instead, with the unit now off, continue to press the POWER key repeatedly until the unit turns back on.

3. Once the unit turns back on, you have found another code that operates the device. Press the STOP key.

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

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.

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·VCR for DVD players, and DVR·AUX for DVRs. To program a device key for a different type of device, see the Changing a Key's Device Type section.

1. Manually turn on the device you want to control.
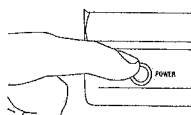
2. Find the Code List that came with the remote. Locate the section for the type of device you're trying to program, and find your brand in that section. Circle the codes for your brand and keep them handy.
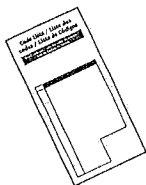
3. Press and hold the device key you want to program (the POWER key illuminates).

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 POWER key turns off after the first digit).
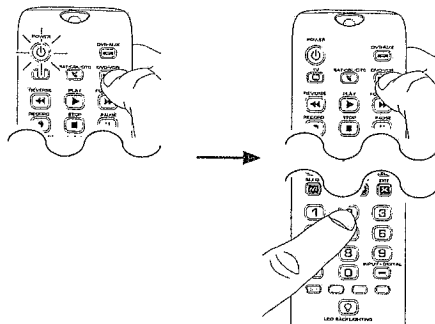
4. When you've finished entering the five-digit code, keep holding down the device key and look at the POWER key.

Is the POWER 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.
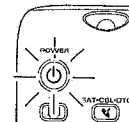
Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code in the list.

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

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

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

Manual Code Search

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

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

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT·CBL·DTC for satellite receivers, cable boxes or digital TV converters, DVD·VCR for DVD players, and DVR·AUX for DVRs. To program a device key for a different type of device, see the Changing a Key's Device Type section.

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

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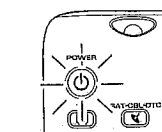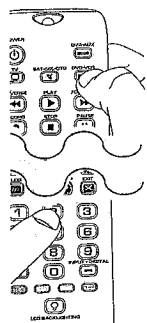
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1. Manually turn on the device you want to control.

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

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


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

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

   Did your device turn off?

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

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

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

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

NOTES

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

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

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

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

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

Testing the Code for Maximum Functionality

1. Try a variety of the device's functions with the remote. If some features of your devices don't work, go to the next step to try a different code.

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

3. Once the unit turns back on, you have found another code that operates the device. Press the STOP key.

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


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

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

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

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

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

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

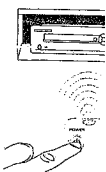The **INPUT·DIGITAL** and **— (dash)** key has three functions: (1) it toggles through all the video sources connected to your TV; (2) when the remote is in VCR mode, this button toggles between VCR and the TV input; (3) when you're entering digital channel numbers directly, this button lets you separate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

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

Backlight key (Q) turns backlighting on/off.

Actual model may vary from illustration

IMPORTANT

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

4

POWER
DVR•AUX

TV   SAT•CBL•DTC   DVD•VCR

IEVERSE   PLAY   FORWARD

IECORD   STOP   PAUSE

KIP BACK   SLOW   SKIP FWD

GUIDE

VOL   CH

OK

MUTE   MENU   INFO   GO BACK

SLEEP   PIP   SWAP   EXIT

1   2   3

4   5   6

7   8   9

ENTER   INPUT•DIGITAL

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LED BACKLIGHTING

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Advanced Functions

Changing A Key's Device Type

Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters, DVD•VCR for DVD players or VCRs, and DVR•AUX for DVRs. To program these keys to control a different kind of device, you have to reassign them first.

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

1. Press and hold the DVD•VCR key. The POWER key illuminates. Keep holding down the DVD•VCR key.

2. While holding down the DVD•VCR key, press and release the number 2 key on the keypad. The POWER key turns off.

3. Release the DVD•VCR key. The POWER key blinks four times and then turns off. The DVD•VCR key is now set to control a VCR.

4. Follow the directions in the auto, brand, direct entry, or manual code search to program the DVD•VCR key for your VCR.

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

1. Press and hold the DVR•AUX key. The POWER key turns on.

2. While holding down the DVR•AUX key, press and release the number key on the keypad for the device you wish to control (see the chart below). The POWER key turns off.

DVR•AUX KEY CONTROLS:	
Additional TV	press 1
VCR or DVR	press 2
Additional DVD	press 3
Additional satellite, cable box or digital TV converter	press 5

3. Release the DVR•AUX key. The POWER key blinks four times and then turns off. The DVR•AUX 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 DVR•AUX key.

Volume Punch-Through
Volume punch-through allows the VOL and MUTE keys, when pressed in SAT•CBL•DTC, DVD•VCR, or DVR•AUX modes, to "punch through" to TV. Volume punch-through occurs automatically and allows you to control the volume without exiting the current mode. (If the DVR•AUX key has been programmed with a TV code, volume can punch through to this device 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.

Transport Key Punch-Through
Transport key punch-through allows the transport keys (REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE, SKIP BACK, SLOW, and SKIP FWD), when pressed in TV or SAT•CBL•DTC modes, to "punch through" to DVD•VCR or DVR•AUX 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.

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

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

To turn channel lock on:
1. Press and hold the device key for the device you use to change channels. While you're holding down this device key, use your other hand to press and hold the remote's CH up key at the same time.

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

3. Press ENTER to lock channel commands to this device.

To turn channel lock off:
1. Press and hold the TV key. While you're holding down the TV key, use your other hand to press and hold the remote's CH down key at the same time.

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

3. Press ENTER to start changing channels with your TV.

Code Retrieval
Once you've programmed the remote to control your devices, you may want to record the codes for future reference. If you used the Direct Code Entry method, this is easy. Just find the codes you entered and make a note of them in the boxes below. If you used one of the Code Search methods to program your remote or if you used the Direct Entry method but don't remember the code, you will need to retrieve each device's five-digit code. Retrieving the actual code and writing it down will save you time if you ever need to program the remote again. If the codes are recorded, you can use the Direct Entry method to reprogram your remote to control your devices, which is quick and easy.
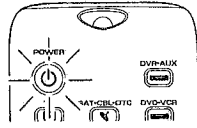
1. Press and hold the device key (TV, SAT•CBL•DTC, DVD•VCR, DVR•AUX) whose code you wish to retrieve. The POWER key illuminates. Keep pressing the device key.

2. While holding the device key down, press and hold the INFO key. The POWER key turns off. After holding down both keys for three seconds, the POWER key turns back on.

3. Release both keys. The POWER key remains on.

4. Starting with the number 1 key, press and release each number key on the keypad in the following order: 1-9, then 0. The number that causes the POWER key to blink is the first number of the code. As you find each number of the code, write it down for future reference.

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

5. Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the POWER key blinks briefly, then turns off.

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

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

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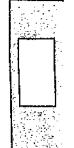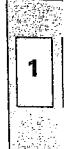
Problem
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s channel commands, like the
(eys, to your satellite receiver,
r when you're in TV mode.
you use a device other than

ey for the device you use to
i're holding down this device
press and hold the remote's

VER key comes on and stays on.

el commands to this device.

While you're holding down the
d to press and hold the remote's
ime.

NER key comes on and stays on.

ging channels with your TV.

remote to control your devices,
ides for future reference. If you
ithod, this is easy. Just find
ike a note of them in the boxes
Code Search methods to program
) Direct Entry method but don't
reed to retrieve each device's
actual code and writing it down
need to program the remote
ed, you can use the Direct Entry
mote to control your devices,

Press and hold the device key
(TV, SAT•CBL•DTC, DVD•VCR,
DVR•AUX) whose code you wish
to retrieve. The POWER key
illuminates. Keep pressing the
device key.

i key down, press and hold the
ey turns off. After holding down
nds, the POWER key turns back on.

'OWER key remains on.

ir 1 key, press and release each
ad in the following order: 1-9, then
ies the POWER key to blink is the
i. As you find each number of the
uture reference.

vith the number 1; all VCR and DVR
ber 2; all DVDs, the number 3; and
e boxes and DTV converters, the

have retrieved all five numbers in
number is retrieved, the POWER
turns off.

eval Mode at any time, press the

lid key during the Code Retrieval
rot respond. If you do not press
r (TV, SAT•CBL•DTC, DVD•VCR,
ode Retrieval times out after 15
r blinks four times, and then turns
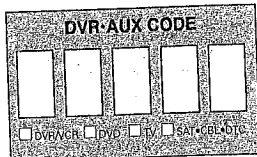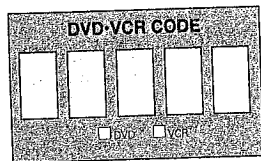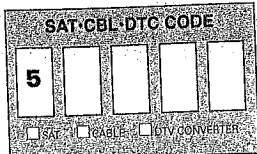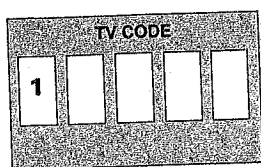
Troubleshooting

Problem: The remote does not operate your device.
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR, DVR•AUX). This tells the remote which device to operate.
- Remove any obstacles between the remote and the device. Make sure you're aiming the remote at the device's IR sensor.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AAA batteries, if necessary (see the Battery Installation section).

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

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

Problem: The POWER key does not light when you press a key.
- You may have pressed an invalid key for the mode the remote is in.
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR, DVR•AUX). This tells the remote which device to operate.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AAA batteries, if necessary (see the Battery Installation section).

Problem: The remote will not change channels on device.
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, DVD•VCR, DVR•AUX). This tells the remote which device to operate.
- Press the ENTER key after you enter a channel number.
- Remove any obstacles between the remote and the device. Make sure to aim the remote at the IR sensor on the device.

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

For more information, please visit www.rcaaccessories.com

Consumer Help Line: 1-800-420-7968

Care and Maintenance
- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the remote only in normal temperature environments.
- Handle the remote gently and carefully. Don't drop it.
- Keep the remote away from dust and dirt.
- Wipe the remote with a damp cloth occasionally to keep it looking new.
- Modifying or tampering with the remote's internal devices can cause malfunction and invalidate its warranty.

Limited Lifetime Warranty

Audiovox Electronics Corporation (the "Company") warrants to you the original retail purchaser of this product that should it, under normal use and conditions, be proven defective in material or workmanship during its lifetime while you own it, such defect(s) will be repaired or replaced (at the Company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not cover product purchased, serviced or used outside the United States or Canada. This Warranty is not transferable and does not extend to costs incurred for installation, removal or reinstallation of the product. This Warranty does not apply if in the Company's opinion, the product has been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or the simultaneous use of different battery types (e.g. alkaline, standard or rechargeable).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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U.S.A.: Audiovox Electronics Corporation, 150 Marcus Blvd., Hauppauge, New York 11788
CANADA: Audiovox Return Center, c/o Genco, 6685 Kennedy Road, Unit 3, Door 16, Mississauga, Ontario L5T 3A5

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Code Lists / Liste des codes / Lista de Códigos

Brand Code List / Liste des codes de marque / Lista de Códigos de Marcas

Brand Codes are used for programming using the Brand Code Search and Entry method outlined in the User's Guide.

Les codes de marques sont utilisés pour la programmation à l'aide de la recherche du code de marque et de la méthode d'entrée décrite dans le Guide de l'utilisateur.

Los códigos de las marcas son utilizados para programar utilizando los métodos de búsqueda y entrada de códigos de marcas, resaltado en la guía del usuario.

Code	TV	DVD	VCR/DVR	SAT/CBL
01	RCA, GE, PROSCAN	RCA, GE, PROSCAN	RCA, GE, PROSCAN	RCA, GE, PROSCAN
02	Hitachi	Apex	JVC	Motorola
03	Insignia	Insignia	Magnavox, Philips	DirecTV
04	JVC	JVC	Mitsubishi	Dish Network System/ Echostar
05	LG	LG	Panasonic	General Instruments
06	Magnavox, Philips	Magnavox, Philips	Samsung	Hughes Network Systems
07	Mitsubishi	Memorex	Sharp	Scientific Atlanta, Cisco
08	Panasonic	Panasonic	Sony	Magnavox, Philips
09	Samsung	Pioneer	TIVO	Amino, ADB
10	Sanyo	Samsung	Toshiba	Panasonic
11	Sharp	Sanyo		
12	Sony	Sharp		
13	Sylvania, Emerson	Sony		
14	Toshiba	Sylvania		
15	Vizio	Toshiba		

TV

Admiral	10093, 10463
Advent	10761
Akai	11675, 10702, 10672
AOC	11365, 11589, 12014, 12087
Apex Digital	10156, 10748, 10767, 12397
Astar	11738
Audiovox	10451, 10802, 10846, 10875, 11937, 11951, 11952
Aventura	10171
Axion	11937
Broksonic	10463
Carver	10054
Celebrity	10000
Coby	12306, 12315, 12340, 12343, 12344, 12345, 12347, 12348, 12350
Commercial Solutions	11447, 10047
Crosley	10000, 10054
Curtis	12352
Curtis Mathes	10047, 10054, 10451, 10093, 10702, 10145, 11661, 11147, 11347
Daewoo	10451, 11661, 10661, 10672
Dell	11264, 11080, 11863
Denon	10145
Dish Network	11948
Dumont	10017
Durabrand	10463, 10178, 10171, 11034
Dynex	11463, 11785, 11810, 12049, 12184
Electroband	10000
Electrograph	11755
Electrohome	10463
Emerson	11864, 10017, 10451, 10463, 10178, 10171, 11661, 11394, 11944, 11963
Emprex	11422
Envision	10813, 11365, 11589, 12014, 12087
ESA	10171, 11944, 11963
Fujitsu	10809
Funai	10000, 10171, 11271, 11963
Gateway	11755, 11756
GE	11447, 10047, 10451, 10178, 11347
GFM	10171, 11963, 12167
Gibralter	10017
Go Video	10886
GoldStar	10178
Haier	11034, 11748, 11749, 12309
Hallmark	10178
Hannspree	11348, 11745
Harman/Kardon	10054
Havermy	10093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11494, 11502
Hisense	10748, 11314, 12098, 12419
Hitachi	11643, 11145, 10145
HP	11494, 11502
iLo	11684, 11990

Infinity	
Initial	
Insignia	
	115
Inteq	
JBL	
JCB	
Jensen	
JVC	10463, 10053, 107
KDS	
KLH	
LG	11423, 100
LXI	
MAG	
Magnavox	114!
	11254, 113
Marantz	
Matsushita	
Maxent	
Megatron	
Memorex	
MGA	
Midland	
Mintek	
Mitsubishi	
Motorola	
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NEC	
NetTV	
Nikko	
Norcent	
Olevia	
Optimus	
Optoma	
Optonica	
Orion	
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Penney	
Petters	
Philco	100
Philips	11454, 118
Pioneer	
Polaroid	
Portland	
Prima	
Proscan	114
Proton	
Proview	
Pulsar	
Quasar	
RadioShack	
RCA	11547, 11447, 10047, 100!
	11347, 11781, 11948, 119
Realistic	
Runco	

For a three-component remote control, program the DVR Codes on the DVD•VCR key. For a four-component remote control, program the DVR Codes on the DVR•AUX keys.

Pour une télécommande à trois composants, programmez les codes DVR sur la touche DVD•VCR. Pour une télécommande à quatre composants, programmez les codes DVR sur les touches DVR•AUX.

En los controles remotos para tres aparatos, programe los códigos DVR en la tecla DVD•VCR. En los controles remotos para cuatro aparatos, programe los códigos DVR en las teclas DVR•AUX.

Accurian 20000
Admiral 20048
Adventura 20000
Aiko 20278
Aiwa 20037, 20000
Allegro 20039
America Action 20278
American High 20035
Audiovox 20037, 20278
Calix 20037
Canon 20035
Carver 20081
CCE 20278
Citizen 20037, 20278
Craig 20037
Crosley 20081, 20000
Curtis Mathes 20060, 20035, 20162, 20278
Daewoo 20045, 20278
Denon 20042
DirecTV 20739, 20740
Durabrand 20039, 20038
Dynatech 20000
Electrohome 20037, 20043
Electrophonic 20037
Emerex 20032
Emerson 20037, 20000, 20043, 20278, 20593, 21593
Fuji 20035
Funai 20000, 20593, 21593
Garrard 20000
GE 20060, 20035, 20202
GFM 21593
Go Video 20614
GoldStar 20037, 20038
Gradiente 20000
Harley Davidson 20000
Harman/Kardon 20081, 20038
Headquarter 20046
Hitachi 20000, 20042
Hughes Network Systems 20739, 20042, 20740
Humax 20739
Instant Replay 20035
JVC 20067
KEC 20037, 20278
Kenwood 20067, 20038

Kodak 20035, 20037
Lloyd's 20000
LXI 20037
Magnasonic 20593
Magnavox 20035, 20039, 20081, 20000, 20593, 21593
Marantz 20035, 20081
Marta 20037
Matsushita 20035, 20162
MEI 20035
Memorex 20035, 20162, 20037, 20048, 20039, 20000, 20046
MGA 20043
Minolta 20042
Mitsubishi 20067, 20043
Motorola 20035, 20048
MTC 20000
Multitech 20000
NEC 20067, 20038
Nikko 20037
Olympus 20035
Optimus 21062, 20162, 20037, 20048, 20593
Panasonic 21062, 20035, 20162, 20614, 20616
Penney 20035, 20037, 20042, 20038
Pentax 20042
Philco 20035
Philips 20739, 20035, 20081, 20618
Pilot 20037
Pioneer 20067
Polk Audio 20081
Portland 20278
Presidian 21593
Proscan 20060, 20202
Pulsar 20039
Quarter 20046
Quartz 20046
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Randex 20037
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Sansui 20000, 20067
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Sony 20032, 20035, 20000, 20636
STS 20042
Sylvania 20035, 20081, 20000, 20043, 20593, 21593
Symphonic 20000, 20593, 21593
Tashiko 20037
Teac 20000
Technics 20035, 20162

Teknika 20035, 20037, 20000
Thomas 20000
Tivo 20739, 20618, 20636, 20740
Toshiba 20045, 20043, 21008
Totevision 20037
Vector 20045
Vector Research 20038
Video Concepts 20045
Videomagic 20037
Villain 20000
Wards 20060, 20035, 20048, 20081, 20000, 20042
XR-1000 .... 20035, 20000
Yamaha 20038
Zenith 20037, 20039, 20000

DVD

Accurian 30675
Aiwa 30641
Akai 30695
Alco 30790
Allegro 30869
Apex Digital 30672, 30794, 30796, 30797, 31056, 31061
Audiovox 30790, 31041, 31071
Axion 31071
Blue Parade 30571
Broksonic 30695
California Audio Labs 30490
Cinea 30831
CineVision 30869
Citizen 30695
Coby 30778, 31086, 31107, 31177, 31628
Craig 30831
Curtis Mathes 31087
CyberHome 30816
Daewoo 30869, 31169
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Artec	52490
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CASTi	52305
Channel Master	52365
Cisco	52345
Coby	52667
Coship	52487
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Echostar	52470
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Goodmind	52450
Gridlink	52348
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KoolConnect	51481
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RCA	52325, 52454
Samsung	51490, 52592
Sansonic	52348
Scientific Atlanta	50858, 52345
SureWest	51481

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