

U N I V E R S A L

RCA

universal

Remote



TV



DVD or CD



VCR



CABLE



DBS



AUDIO



Controls an auxiliary component

Consolidates up to 8 remotes

Home Theatre™ Keys take full advantage of your Home Theatre equipment with Surround Sound Control

Compatible with today's most popular brands.

Multi-Brand Use

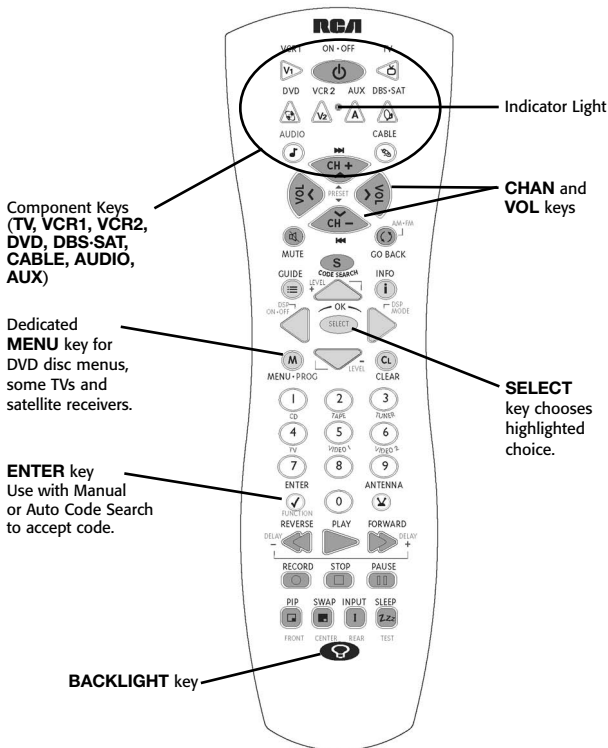
See back for most popular brands.

remote

RCU800MS

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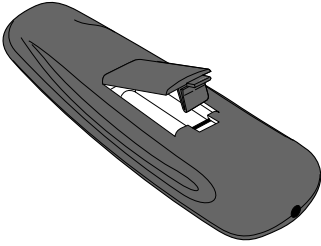
8 Component Universal Remote

Congratulations on your purchase of the eight-component universal remote by RCA. This universal remote controls up to eight electronic components and makes juggling remote controls a thing of the past. You can program this RCA universal remote to operate most models of most brands of infrared, remote-controlled components manufactured after 1990. (See enclosed Code List for a complete list of brands.) The eight-component universal remote is easy to use, easy to program and gives you control at the touch of your fingertips.

Note: The eight-component universal remote is already programmed to operate most RCA, GE and PROSCAN branded TVs, VCRs, DVD players and SATELLITE receivers (DBS). Just press the corresponding component key—**TV, VCR1, VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**—and your eight-component universal remote is ready to go!

Battery Information and Installation

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



1. Remove the battery compartment cover.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery case.
3. Replace the battery cover.

Note: Reprogramming may be required after batteries are replaced.

Key Descriptions



Indicator Light—flashes when a valid key is pressed to indicate the remote is working. Status of this light is important when you are programming the remote.

Component Keys (TV, VCR1, VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX)—selects the component you want the remote to operate.

For example, after you've programmed the remote to operate your TV, you must press the **TV** key first to put the remote in TV Mode. While in TV Mode, the **CHAN** keys change the channel on the TV, the **VOL** keys adjust the TV's volume, etc.

Transport Keys—REVERSE, PLAY, FORWARD, STOP, PAUSE, RECORD—operate the same as your original VCR or DVD remote control, although key labels may vary (**REWIND, FAST FORWARD**).

Backlight Key (select models only)—turns backlighting on and off. Backlighting remains on for approximately eight seconds after the last keypress to conserve battery life.

Primary Key Descriptions For VIDEO Operations

Other Keys (Listed Alphabetically)

Certain keys on the eight-component universal remote have dual functions. Primary functions are printed in black. Secondary key functions are printed in blue on the remote and are used for AUDIO operations.

0-9 (Number Keys): operate the same as number keys on your original remote and are used to enter component codes when programming the remote control with Direct Entry method.

ANTENNA: in TV Mode, switches between the signal coming from a satellite receiver or cable box and an off-air antenna. In VCR Mode, switches between the signal coming from a VCR and a TV.

CH+ and CH- (CHANNEL UP and CHANNEL DOWN): goes to the next highest or lowest channel number in the component channel list, respectively, except for DVDs. In DVDs, the **CH+** and **CH-** keys refers to the **NEXT/PREVIOUS** chapter.

CLEAR: removes the on-screen display to return to normal viewing.

CODE SEARCH: use to program the remote.

ENTER: use with Manual or Automatic Code Search method to accept code (See Code Lists enclosed). Also, some brands require you to press the **ENTER** key after you enter a channel number. In some menu systems, you must press the **ENTER** key to select a highlighted item.

GO BACK: switches back to previous channel— operates the same as **PREV CH, LAST CHANNEL** or **RECALL** keys found on some brands of remote controls.

GUIDE: brings up the on-screen TV program guide, if your TV is equipped with that feature.

INFO: shows program information, if your component is equipped with this feature. Functions the same as a **DISPLAY** key.

INPUT: selects the video inputs of your TV, if equipped with this feature.

MENU•PROG: accesses DVD disc menus when playing a DVD disc. Accesses menu systems of some TVs, a few RCA brand VCRs and satellite receivers. (For more information, refer to the On-screen Menus section on page 13).

MUTE: lowers the TV's volume to its minimum level.

NAVIGATION KEYS & SELECT: used to move through on-screen menus and guides. Use the **NAVIGATION** keys to move the highlighted choice up, down, left or right.

ON•OFF: turns component on and off.

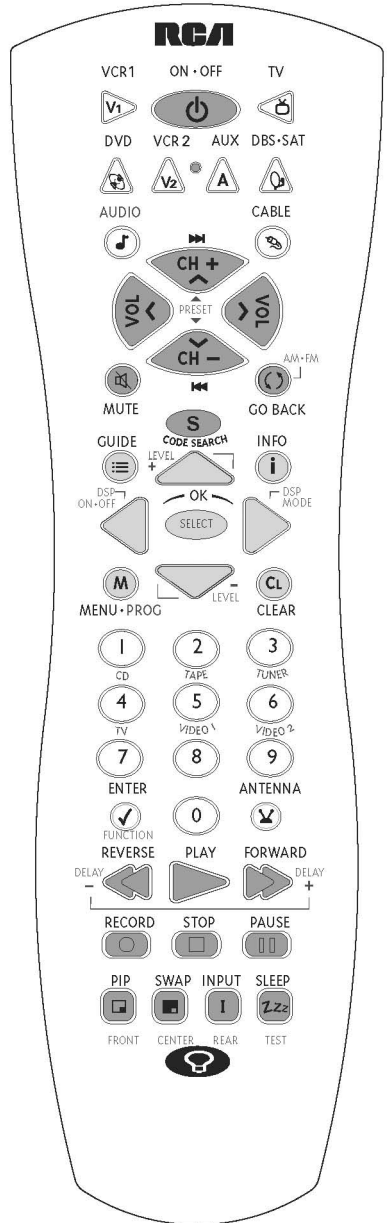
Note: Some RCA, GE and PROSCAN models require that you press the component key to turn the component on and the **ON•OFF** key to turn the component off.

PIP: (Picture-in-Picture) and **SWAP** operate your TV's Picture-in-Picture, if your TV is equipped with this feature.

RECORD: use with VCR to record programming. You must press the **RECORD** key twice to start recording.

SLEEP: allows you to set a time to turn off your TV automatically.

VOL: increases or decreases the TV or AUDIO system's volume level.



Secondary Key Descriptions For AUDIO Operations

Certain keys on the eight-component universal remote have dual functions. Secondary key functions are printed in blue on the remote and are used for AUDIO operations. Not all functions work for all brands. Experiment with your AUDIO system to determine which functions work with your components. See the enclosed AUDIO Code List to operate your brand of equipment.

Press the AUDIO key to enable the Audio Mode.

AM•FM: allows you to select the AM•FM band on your AUDIO receiver.

CD, TAPE, TUNER, TV, VIDEO 1, VIDEO 2: For some AUDIO systems, these keys will select the corresponding component input.

DELAY -, ON, DELAY +: increases or decreases the delay between the surround and main speakers when the receiver is in the Surround Sound Mode.

DSP ON•OFF: enables the receiver's Digital Signal Processing Mode.

DSP MODE: When the DSP mode is enabled, pressing this key allows the user to cycle through the various DSP Modes.

FRONT, CENTER, REAR, TEST: adjusts the levels of the front, center, and rear speakers used with **LEVEL +/LEVEL -**. The test tone must be enabled first by pressing the **TEST** key.

FUNCTION: selects the different AUDIO input components. The number keys also select the function labeled below the keys when in Audio Mode.

LEVEL+/LEVEL-: sets the level of the speakers during Test Tone Mode.

PRESET: cycles through preset channels while the Tuner input on your AUDIO system is active.

Program for TV—Direct Entry Method

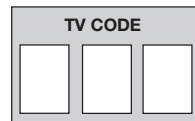
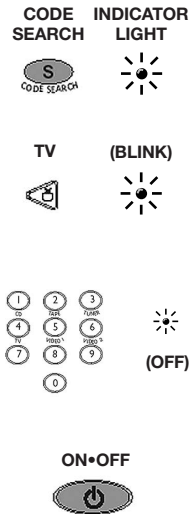
In order for the eight-component universal remote to control your TV, you must program it with the TV code that matches your TV. These instructions explain the preferred method of programming the remote—the Direct Entry method. To program your remote to control your TV, follow these steps:

1. Manually turn on the TV.
2. Locate the enclosed TV Code List. Find your brand of TV.
Note: If your brand is not listed, use one of the Code Search methods to program this remote control. (See section on Code Search.)
3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **TV** key. The indicator light blinks and then remains lit.
5. Use the number keys to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.

6. Aim the remote at your TV and press the **ON•OFF** key. If your TV turns off, you have found the correct code.
7. Enter the code in the box provided on this page for future reference.
8. If your TV doesn't turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11.)



Program for VCR1 and VCR2—Direct Entry Method

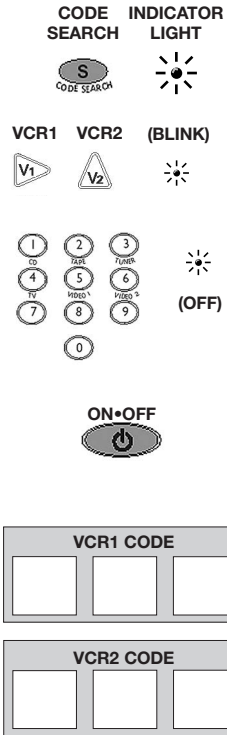
In order for the eight-component universal remote to control your VCR, you must program it with the code that matches your VCR. If you have two VCR's, the second VCR can be programmed using the **VCR2** key. To program your remote to control your VCR, follow these steps:

1. Manually turn on the VCR.
2. Locate the enclosed VCR Code List. Find your brand in the VCR Codes.
Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 11).
3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **VCR1** or **VCR2** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.

6. Aim the remote at your VCR. Press the **ON•OFF** key. If your VCR turns off, you have found the correct code.
7. Enter the code in the box provided on this page for future reference.
8. If your VCR does not turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11).

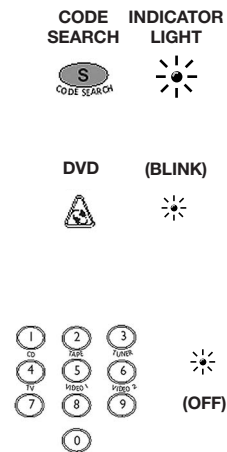


Program for DVD/CD Systems—Direct Entry Method

In order for the eight-component universal remote to control your DVD or CD systems, you must program it with the code that matches your component. To program your remote to control your DVD/CD system, follow these steps:

1. Manually turn on the DVD/CD system.
2. Locate the enclosed DVD or CD Code List. Find your brand in the DVD or CD Codes.
Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 11).
3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **DVD** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.



6. Aim the remote at the component. Press the **ON•OFF** key. If your DVD/CD system turns off, you have found the correct code.
7. Enter the code in the box provided on this page for future reference.
8. If your DVD/CD system does not turn off, repeat steps 3-6 above, entering the next code for your brand. If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11).

ON•OFF



DVD OR CD CODE		

Program for SATELLITE—Direct Entry Method

In order for the eight-component universal remote to control your DBS system, you must program it with the code that matches your SATELLITE receiver. To program your remote to control your DBS system, follow these steps:

1. Manually turn on the satellite receiver.
2. Locate the enclosed SATELLITE Code List. Find your brand in the SATELLITE Codes.

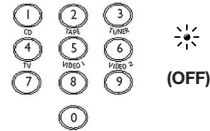
Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 11).
3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **DBS•SAT** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.
6. Aim the remote at the SATELLITE receiver. Press the **ON•OFF** key. If your SATELLITE receiver turns off, you have found the correct code.
7. Enter the code in the box provided on this page for future reference.
8. If your SATELLITE receiver does not turn off, repeat steps 3-6 above, entering the next code for your brand. If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11).

CODE SEARCH INDICATOR LIGHT



DBS•SAT (BLINK)



ON•OFF



DBS (SATELLITE) CODE		

Program for CABLE Box—Direct Entry Method

In order for the eight-component universal remote to control your CABLE box, you must program it with the code that matches your CABLE box. To program your remote to control your CABLE box, follow these steps:

1. Manually turn on the CABLE box.
2. Locate the enclosed CABLE box Code List. Find your brand in the CABLE box Codes.

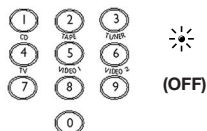
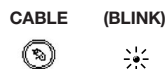
Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 11).

3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **CABLE** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

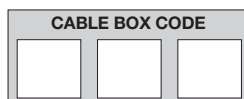
Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.

6. Aim the remote at the CABLE box. Press the **ON•OFF** key. If your CABLE box turns off, you have found the correct code.
7. Enter the code in the box provided on this page for future reference.
8. If your CABLE box does not turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11).



ON•OFF



Program for AUDIO Systems—Direct Entry Method

This remote control will operate many features found in AUDIO systems.

To program your remote to control your audio component, follow these steps:

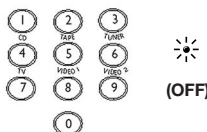
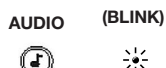
Note: CD systems need to be programmed using the DVD component key.

1. Manually turn on the AUDIO component you wish to control.
2. Locate the enclosed AUDIO system Code List. Find your brand in the AUDIO Codes.

Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 11).

3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **AUDIO** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.



- Aim the remote at the AUDIO component. Press the **ON•OFF** key. If your AUDIO component turns off, you have found the correct code. If your AUDIO component does not turn off, repeat steps 3-6 above, entering the next code for your brand.
- With your AUDIO component on, press the **VOL+** (**VOLUME UP**) key. If the AUDIO component responds, no further programming is required.
- Enter the code in the box provided on this page for future reference.
- If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 11).

ON•OFF



VOL+



AUDIO SYSTEM CODE		

Operating AUDIO System Functions

The following is a list of instructions for operating Audio functions. Not all functions work for all brands. Experiment with your AUDIO system to determine which functions work with your components. See the enclosed AUDIO Code List to operate your brand of equipment.

TURNING ON THE RECEIVER OR MINI-SYSTEM

Point the remote control at the receiver and press the **AUDIO** key and then the **ON•OFF** key to turn the system on.

SELECTING A COMPONENT INPUT

Component inputs such as a DVD player or VCR may be selected depending on the features of your receiver or mini-system. Input selection may be made either by pressing the labeled number key or pressing the **FUNCTION** key to toggle through the inputs available on your system.

Note: You may need to experiment with your system since manufacturers' products do not all work in the same manner.

USING THE NUMBER KEYS TO CHANGE AUDIO INPUTS

To select a component, press the number key (**1-6**) that corresponds with the component you want to operate (**CD, TAPE, TUNER, TV, VIDEO 1, or VIDEO 2**).

USING THE FUNCTION KEY TO CHANGE AUDIO INPUTS

To select a component, press the **FUNCTION** key until the input you want to operate appears on your system.

OPERATING THE AM-FM TUNER

- Press the **AUDIO** key and then the **ON•OFF** key to turn the system on.
- Press the **TUNER** (3) key.
- Press the **AM•FM** key to toggle between AM and FM.
- Use the Preset (**CH+/CH-**) keys to move up and down channel presets.

OPERATING A HOME THEATER SURROUND SOUND SYSTEM

- Turn the TV on.
- Press the **AUDIO** key and then the **ON•OFF** key to turn the system on.
- Select the AUDIO input either by using the labeled number keys or the **FUNCTION** key.
- Press the **VOL+** or **VOL-** keys to control volume.

Note: The **VOLUME** keys may operate both TV and receiver volume at the same time. If this presents a problem, it may be resolved by entering the TV menu and disabling the TV speakers.

CONTROLLING THE SURROUND SOUND FEATURE

Press the **DELAY+** or **DELAY-** key to achieve the desired delay effect.

Press the **DSP ON•OFF** key to turn DSP (Digital Signal Processing) on or off.

Press the **DSP MODE** key until the desired effect is achieved.

Press the **TEST** key to listen to speaker levels.

Press **FRONT, CENTER, or REAR** keys to select speakers.

Press the **LEVEL+** or **LEVEL-** keys to adjust the speaker levels.



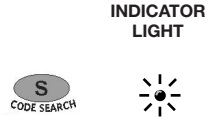
Program for AUX—Direct Entry Method

The **AUX** key can be used to control any of the following components:
TV, VCR, DVD/CD, Satellite Receiver, Cable Box, or an Audio component.

1. Manually turn on the component you wish to control.

Locate the enclosed component list. Find your component brand under the corresponding component list.

2. Press and hold the **CODE SEARCH** key until the **INDICATOR LIGHT** illuminates, then release the **CODE SEARCH** key.



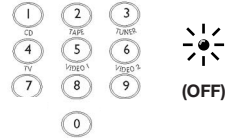
3. Press and release the **AUX** key (The **INDICATOR LIGHT** will blink then remain lit). Then press the key for the component you want to program (TV, VCR, DVD, DBS•SAT, CABLE, AUDIO). Press the **DVD** key to program the **AUX** key for a CD player.



4. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 2.

5. Aim the remote at the component you wish to control and press the **ON•OFF** key. If your component turns off, you have found the correct code.



6. Enter the code in the box provided on this page for future reference.



AUX CODE			
TV	VCR	CABLE	DBS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CD	AUDIO	LD	DVD
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Code Search Methods

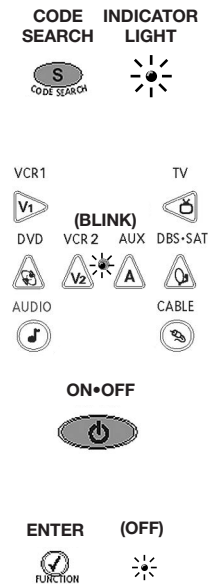
If your component's brand is not listed in the Code List or you have tried all the codes for your brand and the remote does not operate your component, use one of the Code Search methods below—Manual Code Search or Auto Code Search. Both Code Search methods search all of the codes since your component's code may be listed under another brand in the Code List.

Note: The Code Search method may take a long time because the remote searches all of the codes in its memory for the code that operates your component. Therefore, if your brand is listed in the Code List, use the Direct Entry method described on pages 5-9.



Manual Code Search

1. Manually turn on the component you want the remote to operate.
2. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
3. Press and release the component key that corresponds to the component you want the remote to operate (**TV, VCR, DVD, DBS•SAT, CABLE, AUDIO**). For an auxiliary component, press the **AUX** key, then the corresponding component key. For CD, press the **AUX** key, then the **DVD** key. The indicator light blinks once and then remains lit.
4. Aim the remote at the component. Press the **ON•OFF** key continuously until the component turns off.
Important: Because there are so many codes, you may have to press the **ON•OFF** key many times—possibly up to 200 times.
5. When the component turns off, press the **ENTER** key to store the code.
6. Use the Code Retrieval section on the next page to identify the code for your component for future reference.



Auto Code Search

1. Turn on the component you want the remote to operate.
2. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
3. Press and release the component key that corresponds to the component you want the remote to operate (**TV, VCR, DVD, DBS•SAT, CABLE, AUDIO**). For an auxiliary component, press the **AUX** key, then the corresponding component key. For CD, press the **AUX** key, then the **DVD** key. The indicator light blinks once and remains lit.
4. Aim the remote at the component and press the **ON•OFF** key once. The remote automatically sends every code for the specified component one at a time, with the three-second delay between each code. Keep the remote aimed at the component throughout this process.
5. As soon as the component turns off, you must press the **ENTER** key immediately so the remote stores the correct code. If you do not press the **ENTER** key within three seconds, the remote sends the next code in the list, and you will have to start over from step 2.
6. Use Code Retrieval section on the next page to identify the code for your component for future reference.

Code Retrieval

If you used one of the Code Search methods to program your remote, follow the steps below to find out which code is compatible with your component. Finding the actual code and writing it down will save you time if you ever need to program the remote again (e.g., if programming is lost when you change the batteries).

1. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
2. Press and release the component key that matches the component's code you are retrieving (**TV, VCR, DVD, DBS•SAT, CABLE, AUDIO**). For an auxiliary component, press the **AUX** key, then the corresponding component key. For CD, press the **AUX** key, then the **DVD** key. The indicator light blinks once and then remains lit.
3. Press and release the **CODE SEARCH** key. The indicator light turns off.
4. Starting with 0 on the keypad, press the number keys in order (0-9) until the indicator light blinks.
5. The number that causes the indicator light to blink is the first digit of your code.
6. Repeat step 4 until you have retrieved all three numbers of the code.
7. Refer to the code box to write down the code for your component within the Direct Entry section (page 5-10) for the component just programmed.



Sleep Feature

The Sleep feature turns off your TV automatically at a duration you choose from 1 to 99 minutes. To program your remote to control the Sleep feature, follow these steps:

Programming the Sleep Timer

1. Press and hold the **SLEEP** key until the indicator light illuminates. Release the **SLEEP** key.
2. Enter time in minutes using the numerical keypad. The indicator light should turn off. (Minute 1 thru 9: press 0 before the actual number. Maximum: 99 minutes).
3. Leave remote aimed at television. (**IMPORTANT:** The Sleep feature will not work unless remote is left aimed at television.)



Canceling the Sleep Timer

The Sleep Timer program can be cancelled and reset to zero by either of the following:

1. Press and hold the **SLEEP** key until the indicator light blinks.

OR

2. Press the **ON•OFF** key, turning the TV off.



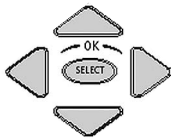
On-screen Menus

This remote cannot access every menu system of all models and brands of consumer electronics components. However, if you've successfully programmed the **DVD•AUX** key to operate a DVD player, you can access DVD disc menus with the **MENU** key.

The **MENU** key will access TV menu systems for most RCA, GE and PROSCAN TVs, as well as some other popular brands. In addition, some RCA VCR menus are supported by this remote's **MENU** key. This remote also supports select SATELLITE receiver menus.

If this remote's **MENU** key doesn't access the menu system for your component, you'll need to use the original remote to change menu settings.

Note: This remote's **MENU** key doesn't support CABLE box menu systems and some VCR menu systems.



MENU•PROG



SELECT



ENTER



Accessing a Menu System

To access a menu system, follow these steps:

1. Make sure your components are turned on and your TV is set to the component's input.
2. Press the component key on the remote (**TV**, **DVD**, **DBS•SAT**) for the desired menu screen.
3. Press the **MENU** key.
4. The menu for the component you have chosen should be visible on your television.

Highlighting and Selecting Menu Items

To navigate on-screen menus, use the **ARROW** keys.

Note: For RCA, GE or PROSCAN TVs, press the **MENU** key to select the highlighted item. If menu items have numbers next to them, you can use the number keys to select an item. Additionally, the **SELECT** key can be used to select menu choices.

- For users of RCA, GE and PROSCAN DBS products, older DBS models require that the **INFO** or **MENU** key on this remote be used to make program selections. Use the **SELECT** key for making program selections on newer RCA, GE and PROSCAN DBS models.
- For Sony products, pressing the **ENTER** key while in Menu Mode returns you to the previous menu.
- In some menu systems, you must press the **ENTER** key to select the highlighted item.
- All functions in competitive models and brands of products may not be fully supported.
- Because of the wide variety of menu formats, some experimenting may be required.



This is an example of a DVD disc on-screen menu. English is the menu choice highlighted. Using this remote control, you would press the **SELECT** key to choose English.

To highlight another language, press the **DOWN ARROW** key. (In the example above, the highlight would move to Español.)

CLEAR



Exiting a Menu System

To exit the Menu Mode, press the **CLEAR** key. The remote reverts back to its normal operation.

Troubleshooting

Problem: The remote can't be programmed to operate your component.

- You may be too far away from the component or at a wrong angle. This remote uses IR (infrared) technology to communicate with components. The remote sends the code and the component's IR sensor reads the code.

Therefore, there must be an unobstructed path between the remote and the IR sensor on the component. Move closer and make sure you point the remote at the component (VCR when programming the **VCR1** or **VCR2** key; DVD/CD when programming the **DVD** key; TV when programming the **TV** key; CABLE box when programming the **CABLE** key; SATELLITE receiver when programming the **DBS•SAT** key).

- If you've entered all of the codes for your brand that are in the enclosed Code Lists and followed the instructions, try one of the Code Search methods (See Code Search on page 11).
- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- To program the eight-component universal remote to operate a combination unit (TV/VCR or TV/DVD), first try the VCR or DVD codes for your brand. Some units, however, require that you program both the **TV** key (using the TV codes) and the **VCR** or **DVD** key (using the VCR or DVD codes) for full operation.
- To program the eight-component universal remote to operate a combination unit (VCR/DVD), program the **VCR** key using the VCR codes and then program the **DVD** key using the DVD codes.

Problem: The indicator light does not light when you press a key.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- You may have pressed an invalid key for the mode the remote is in (e.g., the **RECORD** key only works in VCR Mode).
- Make sure the batteries are properly installed. (See Battery Installation on page 3).
- Replace the batteries with two new AA batteries. Reprogramming may be required.

Problem: The remote does not operate your component.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- Remove any obstacles between the remote and the component. Make sure to aim the remote at the IR sensor on the component.
- Make sure the batteries are properly installed. (See Battery Installation on page 3).
- Replace the batteries with two new AA batteries. Reprogramming may be required.
- Reset the remote. Remove the batteries. Then press and hold the number 1 key on the remote for several seconds to reset the microprocessor inside the remote. Release the number 1 key, reinstall the batteries, and try the remote again. Reprogramming will be required.

Problem: The remote is not performing commands properly.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- Make sure the component is "ready" (e.g., DVD player has disc loaded; VCR has tape loaded, etc.).
- You may have pressed an invalid key for the mode the remote is in (e.g., the **RECORD** key only works in VCR Mode).
- If you are trying to turn on an RCA, GE or PROSCAN component, press the component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) instead of the **ON•OFF** key.
- If operating a VCR to record, you must press the **RECORD** key twice.
- If you're trying to change channels, 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 component features (e.g., only turns a component on and off). Follow the steps provided for programming the remote (See Programming sections on pages 5-9). If the component can be turned on and off, make sure you press the **CH+/CH-** key to see if the component responds. If not, try the next code from the list.

Troubleshooting (continued)

Problem: The VCR won't record.

- As a safety feature, you must press the **RECORD** key twice to begin recording.
- Make sure the tape is properly loaded in the VCR.
- Make sure the tape is not write-protected. If the safety tab is removed, the tape is write-protected and you cannot record onto that tape.

Problem: The remote will not change channels.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- Press the **ENTER** key after you enter a channel number.

Problem: The component's menu doesn't appear on the TV screen.

- The TV must be tuned to the Video Input that matches the manner in which you connected the component to the TV.

For example, if you connected your DVD player to your TV by connecting audio/video cables (usually color-coded yellow, red and white) to the TV's Input 1 jack, you must tune the TV to its Video 1 Input channel. Remember, different manufacturers label these jacks differently. Consult the instruction manual that came with the TV for more information.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV, VCR1 or VCR2, DVD, DBS•SAT, CABLE, AUDIO, AUX**) so the remote knows which component you want to operate.
- Menu access isn't supported for all brands. If that's the case, you need to use your original remote control to access menu functions for these components.

If you have further questions, please visit www.rca.com.

