U N I V E R S A L

RCA

Remote

INCLUDES
USER
Guide
FOR BOTH
REMOTES

UNIVERSAL

SUPER VALUE PACK!
2 REMOTES FOR THE PRICE OF 1!

RCU800
- **Controls 8 Components**
- **Sleep Timer**
- **Control On-screen Channel Guides**
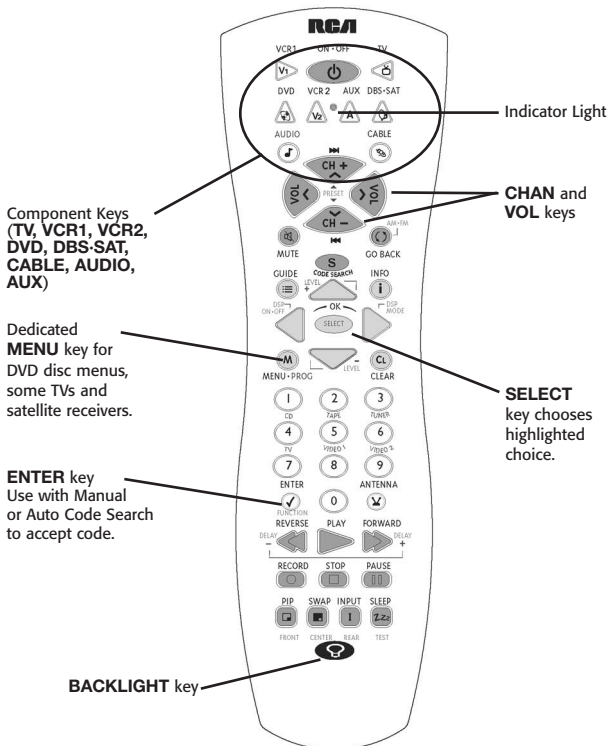- **Home Theater & Audio Control**

RCU403
- **Controls 3 Devices**
- **Palm-size**

Table of Contents

Indicator Light

CHAN and **VOL** keys

Component Keys (**TV, VCR1, VCR2, DVD, DBS·SAT, CABLE, AUDIO, AUX**)

Dedicated **MENU** key for DVD disc menus, some TVs and satellite receivers.

SELECT key chooses highlighted choice.

ENTER key Use with Manual or Auto Code Search to accept code.

BACKLIGHT key

Actual model may vary from picture shown.

RCU800

RCA

8 Component Universal Remote

Congratulations on your purchase of the eight-component universal remote. 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:
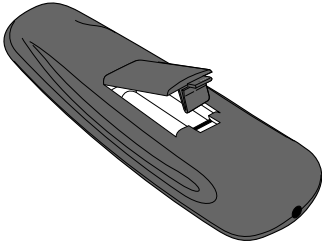
1. Remove the battery compartment cover.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery case.
3. Replace the battery cover.

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 <u>twice</u> 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.
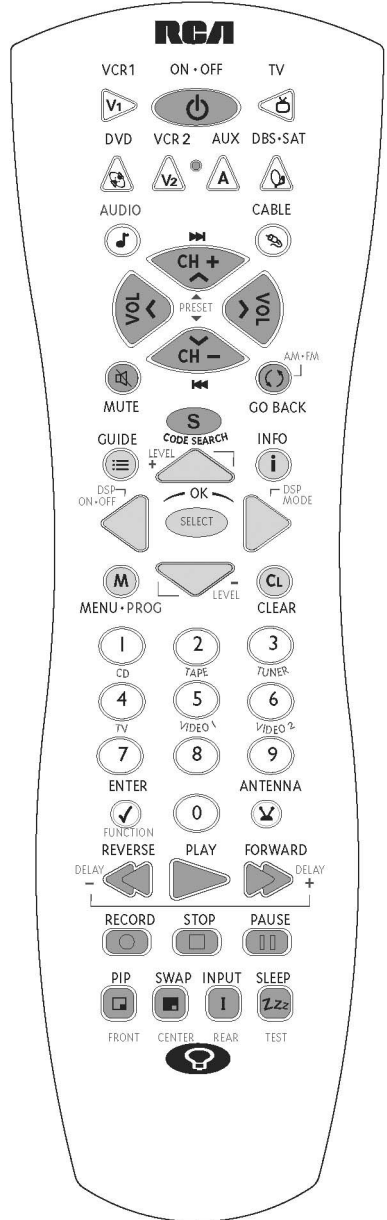
Secondary Key Descriptions For AUDIO Operations

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.)

CODE SEARCH   INDICATOR LIGHT

TV   (BLINK)

(OFF)

ON•OFF

TV CODE

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.

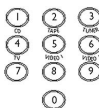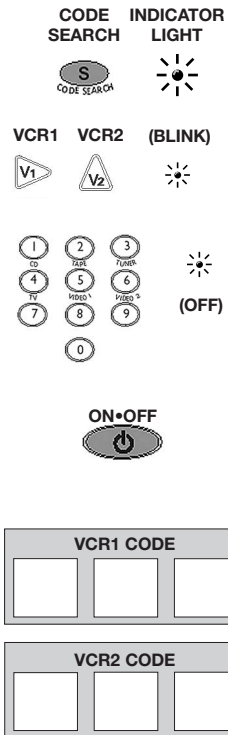8. If your VCR does not turn off, repeat steps 3-6 above, entering the next code for your brand.

   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).

CODE SEARCH   INDICATOR LIGHT

VCR1   VCR2   (BLINK)

(OFF)

ON•OFF

VCR1 CODE

VCR2 CODE

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.

CODE SEARCH   INDICATOR LIGHT

DVD   (BLINK)

(OFF)

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.

ON•OFF

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).

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).

CODE SEARCH   INDICATOR LIGHT

DBS•SAT   (BLINK)

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.

(OFF)

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.

ON•OFF

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).
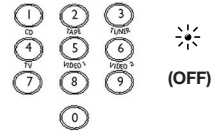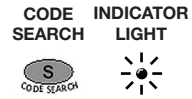
DBS (SATELLITE) CODE

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).

CODE SEARCH — INDICATOR LIGHT

CABLE — (BLINK)

(OFF)
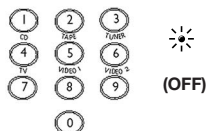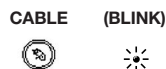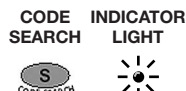
ON•OFF

CABLE BOX CODE

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.

CODE SEARCH — INDICATOR LIGHT

AUDIO — (BLINK)

(OFF)

RCU800
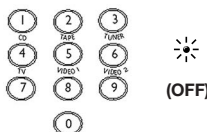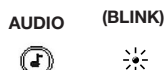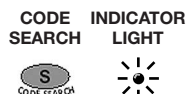
6. Aim the remote at the AUDIO component. Press the **ON•OFF** key. If your AUDIO component turns off, you have found the correct code. If your AUDIO component does not turn off, repeat steps 3-6 above, entering the next code for your brand.

7. With your AUDIO component on, press the **VOL+** (**VOLUME UP**) key. If the AUDIO component responds, no further programming is required.

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

9. 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
1. Press the **AUDIO** key and then the **ON•OFF** key to turn the system on.

2. Press the **TUNER** (3) key.

3. Press the **AM·FM** key to toggle between AM and FM.

4. Use the Preset (**CH+/CH-**) keys to move up and down channel presets.

OPERATING A HOME THEATER SURROUND SOUND SYSTEM
1. Turn the TV on.

2. Press the **AUDIO** key and then the **ON•OFF** key to turn the system on.

3. Select the AUDIO input either by using the labeled number keys or the **FUNCTION** key.

4. 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.

INDICATOR LIGHT

S
CODE SEARCH

(BLINK)

1 CD	2 TAPE	3 TUNER
4 TV	5 VIDEO 1	6 VIDEO 2
7	8	9
	0	

(OFF)
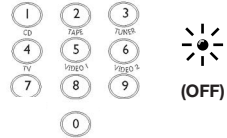
ON•OFF

AUX CODE

TV	VCR	CABLE	DBS
☐	☐	☐	☐
CD	AUDIO	LD	DVD
☐	☐	☐	☐

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.
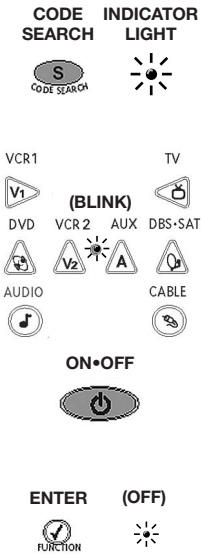
Manual Code Search

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 <u>once</u>. 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.
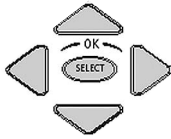
Accessing a Menu System

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.)

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.

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.

RCU800 Code List

Use this code list when programming the eight-component universal remote.
Use the code list on page 29 when programming the three-component universal remote.

TV Codes

Abex	172
Admiral	001, 046, 047, 083, 095, 173, 191, 211
Adventura	174
Aiko	016
Akai	002
Alleron	046, 047
Amtron	038
Anam National	003, 038, 192, 193, 194
AOC	004, 005, 006, 007, 082, 195, 196
Apex	236, 240, 241
Audiovox	038
Belcor	004
Bell & Howell	001, 048, 049, 073, 083, 162
Bradford	038
Broksonic	000, 004, 250, 280
Brokwood	004
Candle	004, 006, 008, 132, 174, 196
Celebrity	002
Citizen	004, 006, 008, 016, 038, 105, 132, 171, 196
Colortyme	004, 006, 010, 196, 200
Concerto	004, 006, 196
Contec/Cony	012, 013, 038, 063
Craig	038
Crosley	000, 062
Crown	038, 062, 130, 171
Curtis Mathes	000, 004, 006, 015, 048, 049, 073, 105, 162, 171, 196, 212
CXC	038
Daewoo	004, 005, 006, 016, 017, 082, 127, 171, 190, 196, 202
Daytron	004, 006, 171, 196
Dimensia	000, 212
Dumont	004, 151, 196, 217
Dynatech	004
Electroband	002
Electrohome	000, 002, 003, 004, 006, 019, 020, 022, 064, 196
Emerson	004, 006, 012, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 041, 042, 043, 044, 046, 047, 048, 049, 073, 123, 124, 162, 171, 177, 179, 191, 196, 208
Envision	004, 006, 196
Fisher	048, 049, 051, 073, 162, 180
Fujitsu	046, 047
Funai	038, 046, 047, 189
Futuretec	038
GE	000, 003, 004, 006, 022, 052, 054, 055, 064, 087, 100, 164, 165, 166, 167, 168, 181, 196, 203, 212, 213, 233
Gilbralter	004, 151
Goldstar	004, 005, 006, 012, 019, 056, 057, 058, 082, 155, 156, 171, 172, 196
Grundy	038, 046, 047, 171
Hallmark	004, 006, 196
Harvard	038
Hisense	237
Hitachi	004, 006, 012, 013, 059, 060, 061, 063, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 148, 150, 179, 185, 196, 198, 199
IMA	038
Infinity	062, 130
Janeil	174
JBL	062, 130
JCB	002
JC Penney	000, 004, 005, 006, 008, 013, 022, 052, 054, 055, 057, 058, 063, 064, 072, 082, 087, 100, 104, 105, 109, 132, 166, 167, 171, 172, 181, 196, 201, 203, 207, 212, 233
Jensen	004, 006, 196
JVC	012, 013, 054, 055, 060, 063, 065, 066, 067, 123, 157, 158, 159, 182, 239
Kawasho	002, 004, 006, 196
Kenwood	004, 006, 019, 196
KLH	236, 240, 241
Kloss Novabeam	038, 068, 069, 174, 183
KTV	038, 070, 171, 177
LG	005, 082
Loewe	062, 130
Logik	001, 083
Luxman	004, 006, 196
LXI	000, 006, 048, 049, 062, 071, 072, 073, 100, 109, 130, 162, 181, 196, 203, 207, 212, 233
Magnavox	000, 004, 006, 008, 019, 062, 068, 069, 075, 076, 077, 088, 130, 131, 132, 133, 134, 183, 196, 219, 235
Majestic	001, 083
Marantz	004, 006, 059, 062, 078, 130, 196, 199
Megatron	006, 059, 196, 199
Memorex	001, 005, 006, 046, 047, 048, 049, 073, 082, 083, 162, 191, 196
MGA	004, 005, 006, 019, 022, 051, 064, 079, 080, 082, 196
Midland	054, 055, 151, 171, 172, 181
Minutz	052
Mitsubishi	004, 005, 006, 019, 022, 051, 064, 079, 080, 081, 082, 125, 135, 196
Montgomery Ward	001, 083
Motorola	003, 173
MTC	004, 005, 006, 082, 105, 196
Multitech	038
Multivision	084
NAD	006, 071, 072, 109, 136, 185, 196, 207
NEC	003, 004, 005, 006, 010, 082, 196, 200
Nikko	006, 016, 196
NTC	016
Onwa	038
Optimus	136, 185
Optonica	095, 173
Orion	030, 035, 191, 208
Panasonic	003, 054, 055, 062, 109, 130, 170, 214, 350, 351
Philco	003, 004, 005, 006, 008, 012, 019, 062, 068, 069, 075 077, 082, 088, 130, 132, 134, 183, 196
Philips	002, 003, 004, 008, 012, 019, 062, 068, 069, 075, 076, 086, 087, 088, 130, 132, 134, 167, 183, 196
Pilot	004, 171, 196
Pioneer	004, 006, 090, 091, 092, 136, 179, 185, 196
Portland	004, 005, 006, 016, 082, 171, 196
Price Club	105
Prima	238
Prism	054, 055
PROSCAN	000, 100, 181, 203, 212, 233
Proton	004, 006, 012, 093, 196
Pulsar	004, 151
Quasar	003, 054, 055, 070, 109, 170, 214
Radio Shack	000, 048, 049, 073, 162, 212
Radio Shack/Realistic	004, 006, 012, 038, 048, 049, 073, 095, 162, 171, 172, 196
RCA	000, 003, 004, 005, 006, 007, 019, 054, 055, 082, 096, 098, 099, 100, 101, 102, 103, 129, 179, 181, 188, 190, 196, 202, 203 212, 215, 233, 281, 352
Runco	151, 217
Sampo	004, 006, 171, 172, 196, 242
Samsung	004, 005, 006, 012, 015, 017, 019, 082, 104 105, 106, 171, 172, 196, 201, 204
Sansui	191, 208, 282
Sanyo	004, 048, 049, 073, 080, 107, 162, 169, 180, 196
Scotch	196
Scott	004, 006, 012, 024, 035, 038, 046, 047, 196
Sears	000, 004, 006, 013, 019, 046, 047, 048, 049, 051, 063, 066, 071, 072, 073, 100, 109, 110, 162, 180, 181, 189, 196, 203, 207, 212, 233
Sharp	004, 006, 012, 026, 029, 095, 111, 112, 113, 122, 171, 173, 196
Shogun	004, 196
Signature	001, 083, 173
Simpson	008
Sony	002, 205, 216, 218
Soundesign	004, 006, 008, 038, 046, 047, 132, 196
Squareview	189
SSS	004, 038
Starlite	038
Supre-Macy	174
Supreme	002
Sylvania	004, 006, 008, 019, 062, 068, 069, 075, 076, 077, 088, 116, 130, 132, 134, 161, 183, 196, 353
Symphonic	026, 029, 033, 038, 046, 047, 155, 189
Tandy	173
Tashiko	072
Tatung	003
Technics	054, 055
Techwood	004, 006, 054, 055, 196
Teknika	001, 004, 005, 006, 008, 012, 013, 016, 038, 046, 047, 063, 076, 082, 083, 105, 132, 170, 171, 196, 214
Telecaption	117
Tera	004, 012, 093
TMK	004, 006, 196
Toshiba	000, 048, 049, 071, 072, 073, 105, 109, 117, 118, 160, 161, 162, 190, 201, 207, 283
Totevision	171
Universal	052, 087, 166, 167
Victor	066, 182
Vidtech	004, 005, 006, 196
Viking	174
Wards	000, 001, 004, 005, 006, 019, 024, 033, 046, 047, 052, 062, 068, 069, 075, 076, 082, 083, 087, 088, 095, 119, 120, 130 134, 166, 167, 173, 183, 196, 212
White Westinghouse	001, 190, 191
Yamaha	004, 005, 006, 019, 082, 196
Zenith	000, 001, 004, 051, 083, 151, 152, 153, 154, 196, 210, 217

VCR Codes

Admiral	001
Adventura	026
Aiko	027
Aiwa	026
Akai	003, 005, 007, 008, 111, 112, 113, 119
Allegro	145
American High	021
Asha	013
Audio Dynamics	009, 010
Audiovox	014, 054
Beaumark	013
Bell & Howell	011
Broksonic	012, 025, 031, 135, 235
Calix	014, 054
Candle	013, 014, 015, 016, 017, 018, 019
Canon	021, 022
Capehart	020, 110
Carver	062
CCE	027, 061
Citizen	013, 014, 015, 016, 017, 018, 019, 027, 054
Colortyme	009
Colt	061
Craig	013, 014, 023, 054, 061
Curtis Mathes	000, 009, 013, 016, 018, 021, 022, 024, 086, 087, 089, 091, 115
Cybernex	013
Daewoo	015, 017, 019, 025, 026, 027, 028, 110
Daytron	061, 110
DBX	009, 010
Dimensia	000, 086, 089
Dynatech	026
Electrohome	014, 029, 054
Electrophonic	014
Emerson	003, 007, 012, 014, 015, 021, 024, 025, 026, 029, 030, 031, 032, 033, 034, 036, 037, 038, 039, 040, 041, 042, 044, 045, 046, 047, 054, 065, 105, 113, 116, 117, 130, 136
Fisher	011, 023, 048, 049, 050, 051, 052, 118
Fuji	021, 119
Funai	026
Garrard	026
GE	000, 013, 021, 022, 053, 086, 087, 089, 091, 115, 120
Go Video	134, 137
Goldstar	009, 014, 018, 054, 057
Gradiente	026
Harley Davidson	026
Harman Kardon	009
Harwood	061
Headquarter	011
Hi-Q	023
Hitachi	026, 055, 056, 057, 084, 107, 111, 120
Instant Replay	021
JCL	021
JC Penney	009, 010, 011, 012, 013, 014, 021, 022, 051, 054, 055, 056, 060, 061, 062, 084, 107, 118

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PVR/DVR Codes

DVD Player Codes

*Requires use of Xbox ® DVD playback kit.

Portable DVD Player Codes

CD Player Codes

TV/VCR Combo Codes

TV/DVD Combo Codes

TV/VCR/DVD Combo Codes

	TV	VCR	DVD
Panasonic	350	265	300
	351	266	301

	TV	VCR	DVD
RCA	352	267	302
Sylvania	353	268	303

VCR/DVD Combo Codes

	VCR	DVD
Broksonic	135	500
Emerson	136	501
Go Video	137	502
JVC	138	503
Philips	139	504
RCA	140	505

	VCR	DVD
Samsung	141	506
	142	507
Sanyo	143	508
Sony	144	509
Zenith	145	510

Home Theater (HTIB) Systems Codes

	DVD	Audio
JBL	251	300
JVC	252	301
Koss	253	302
	254	303
Onkyo	255	304
Panasonic	256	305
	257	306

	DVD	Audio
Philips	258	307
Pioneer	259	308
RCA	260	309
Sony	261	310
Venturer	262	311

Satellite Codes

Alphastar	079
Bell ExpressVu	078, 091
Chaparral	056, 057
Dish Network	078, 089, 091
Drake	058, 059
Echostar	089
GE	047, 071, 080, 081, 093
General Instruments	060, 061, 062
Hitachi	083, 084
Hughes Network Systems	077, 083, 090
JVC	082
Magnavox	085
Motorola	047, 071, 080, 081
Panasonic	075

Philips	085
Primestar	076
PROSCAN	047, 071, 080, 081, 093
RCA	047, 071, 080, 081, 093
Realistic	063
Sony	072
Star Choice	076, 092
STS1	064
STS2	065
STS3	066
STS4	067
Toshiba	068, 073
Uniden	086

HDTV Tuner Codes

RCA	200

Cable Box Codes

ABC	001, 003, 004, 005, 006, 007
Antronix	008, 009
Archer	008, 009, 010, 011
Cabletenna	008
Cableview	008
Century	011
Citizen	011
Colour Voice	012, 013
Comtronics	015
Contec	016
Eastern	017
Garrard	011
GC Electronics	009
GE	000, 003
Gemini	018, 019
General Instruments	000, 001, 003, 046, 049
Hamlin	020, 021, 022, 028, 035
Hitachi	003
Jasco	011
Jerrold	000, 001, 003, 005, 007, 018, 023, 024, 046, 049
Magnavox	025
Motorola	000, 003, 046
Movie Time	027, 028
NEC	005
NSC	027, 028
Oak	016, 029
Panasonic	000, 048

Philips	011, 012, 013, 015, 019, 025, 030, 031, 032
Pioneer	033, 034
PROSCAN	003
RCA	000, 007, 049
Realistic	009
Regal	022, 035
Regency	017
Rembrandt	003
Samsung	034
Scientific Atlanta	006, 036, 037, 038
Signal	018
Signature	003
Sprucer	000
Standard Component	039, 044
Starcom	001, 007, 018
Stargate	018
Starquest	018
Tocom	004, 023
Tusa	018
TV86	027
Unika	008, 009, 011
United Cable	001
Universal	008, 009, 010, 011
Video Way	044
View Star	015, 016, 025, 027
Zenith	000, 050, 051

Audio System Codes

Aiwa	250, 251, 252, 253, 254, 255, 256, 268
Denon	274
Harman Kardon	267
JBL	300
JVC	257, 267, 301
Kenwood	258
Koss	302, 303
Onkyo	269, 304
Optimus	275
Panasonic	270, 271, 305, 306
Philips	307
Pioneer	308

RCA	259, 264, 265, 266, 309
Sherwood	273
Sony	260, 261, 272, 310, 312
Technics	270, 271
Venturer	311
Yamaha	262, 263

Laser Disc Player Codes

RCA	133

RCU800

RCA

Remote

Compatible with today's most popular brands.

TV

DVD or VCR

CABLE

remote

Table of Contents

3 Component Universal Remote

This universal remote controls up to three electronic components. You can program this RCA brand universal remote to operate most models of most brands of infrared, remote-controlled components manufactured after 1990. (See the enclosed Code List for a complete list of brands.)

Note: The 3 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—**VCR•DVD** for a VCR or DVD player; **TV** for a television; **DBS•CABLE** for a satellite receiver or a cable box.

Indicator light

Dedicated **MENU** key for DVD disc menus, some TVs and satellite receivers.

Component keys. (**TV, VCR•DVD, DBS•CABLE**)

CHAN and **VOL** keys have dual functions. They act as navigation keys (up, down, left, and right) in menu systems.
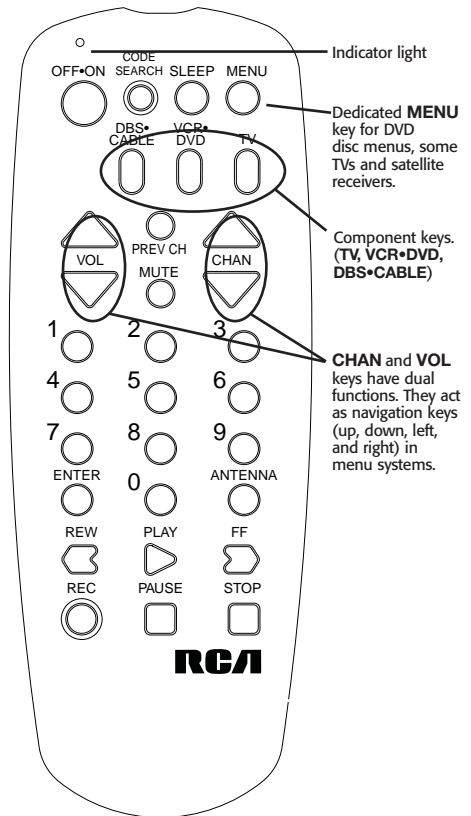
Actual model may vary from picture shown

Battery Installation and Information

Your universal remote requires two AAA Alkaline batteries (batteries may or may not be included, depending on model). To install the batteries:
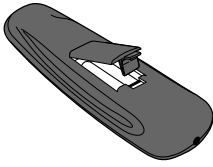
1. Remove the battery compartment cover.

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

3. Press and push the battery cover back into place.

   Note: Reprogramming may be required after batteries are replaced.
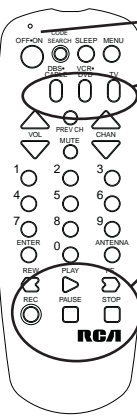
Key Descriptions

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 (**DBS•CABLE**, **VCR•DVD**, **TV**): 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–**REW** (Rewind), **PLAY**, **FF** (Fast Forward), **PAUSE**, **STOP**: operate the same as your original VCR or DVD remote control, although key labels may vary (**REVERSE**, **FORWARD**).

Other Keys (listed alphabetically)

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.

CHAN (Channel) **UP AND DOWN:** goes to the next highest or lowest channel number in the component channel list, respectively, except for DVDs. In DVDs the **CHAN UP/DOWN** goes to the **NEXT/PREVIOUS** chapter. Additionally, when you're using the remote with On-screen Menus, the **CHAN** keys act as **UP ARROW** and **DOWN ARROW** keys (moving the cursor or highlight up or down).

CODE SEARCH: use to program the remote.

ENTER: use with Manual or Automatic Code Search method to accept code (See Code Search on page 24). Also, some brands require you to press the **ENTER** key after you enter a channel number. In some menu systems, you must press **ENTER** to select a highlighted item.

MENU: accesses DVD disc menus when **VCR•DVD** key is programmed to operate a DVD player. Accesses menu systems of some TVs, a few RCA brand VCRs and satellite receivers. (For more information, refer to Using On-screen Menus section on page 10).

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

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

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

REC (Record)**:** used with VCR to record programming. You must press the **REC** key twice to start recording.

VOL (Volume) **UP** and **DOWN:** increases or decreases the TV's volume level. Additionally, when you're using the remote with On-screen Menus, the **VOL** keys act as **RIGHT** or **LEFT ARROW** keys (moving the highlight or cursor right or left).

Program for TV—Direct Entry Method

In order for the 3 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.

1. Manually turn on the TV.
2. Locate the enclosed TV Code List. Find your brand of TV.

   Note: If your brand isn't listed, use one of the Code Search methods to program this remote control (See Code Search on page 24).
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 will flash rapidly for 2 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 on page 24).

   For a description of each key on the remote control, refer to the Key Descriptions section on page 21.

CODE SEARCH

INDICATOR LIGHT

TV

(BLINK)

(OFF)

ON•OFF

TV CODE

Program for DVD or VCR—Direct Entry Method

In order for the 3 component universal remote to control your DVD or VCR, you must program it with the code that matches your component. The **VCR•DVD** key can be programmed to operate either a DVD or a VCR player. These instructions explain the preferred method of programming the remote—the Direct Entry method.

1. Manually turn on the VCR or DVD player.
2. Locate the enclosed VCR or DVD Code List. Find your brand in the VCR Codes or DVD Codes section, respectively.

   Note: If your brand isn't listed, use one of the Code Search methods to program this remote control (See Code Search on page 24).
3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **VCR•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 will flash rapidly for 2 seconds. Start over at step 3.
6. Aim the remote at the component (VCR or DVD player). Press the **ON•OFF** key. If your VCR or DVD player 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 or DVD player 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 on page 24).

   For a description of each key on the remote control, refer to the Key Descriptions section on page 21.

CODE SEARCH

INDICATOR LIGHT

VCR• DVD

(BLINK)

(OFF)

ON•OFF

VCR OR DVD CODE

RCU403
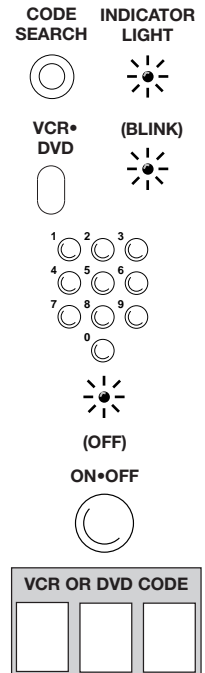
Program for Satellite or Cable Box—Direct Entry Method

In order for the 3 component universal remote to control your satellite or cable box, you must program it with the code that matches your component. The **DBS•CABLE** key can be programmed to operate either a satellite receiver or a cable box. These instructions explain the preferred method of programming the remote—the Direct Entry method.

1. Manually turn on the satellite receiver or cable box.

2. Locate the enclosed Satellite or Cable Box Code List. Find your brand in the Satellite Codes or Cable Box Codes section, respectively.

   Note: If your brand isn't listed, use one of the Code Search methods to program this remote control (See Code Search on page 24).

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•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 will flash rapidly for 2 seconds. Start over at step 3.

6. Aim the remote at your satellite receiver or cable box and press the **ON•OFF** key. If your Satellite receiver or 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 satellite receiver or cable box 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 on page 24).

   For a description of each key on the remote control, refer to the Key Descriptions section page 21.

CODE SEARCH   INDICATOR LIGHT

DBS•CABLE   (BLINK)

1 2 3
4 5 6
7 8 9
0

(OFF)

ON•OFF

DBS (SATELLITE) OR CABLE BOX CODE
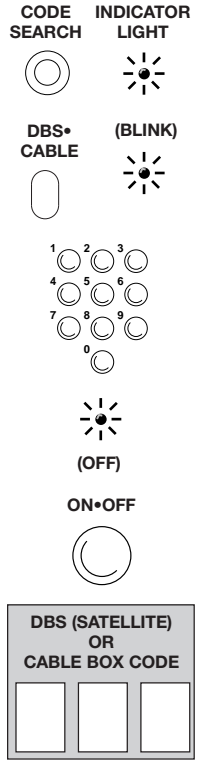
Code Search Methods

If your component's brand isn't listed in the Code List or you have tried all of 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 because 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 which operates your component. Therefore, if your brand is listed in the Code List, use the Direct Entry method described on pages 22-23.

Manual 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** or **DBS•CABLE**). The indicator light blinks once and then remains lit.

4. Aim the remote at the component and 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 Code Retrieval on the next page to identify the code for your component for future reference.
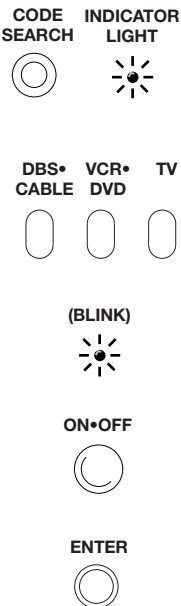
Auto Code Search

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** or **DBS•CABLE**). The indicator light blinks once and then 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 a 3 second delay between each code. Keep the remote aimed at the component throughout the 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 don't press **ENTER** within 3 seconds, the remote will send the next code in the list, and you will have to start over from step 2.

6. Use Code Retrieval 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).

CODE SEARCH   **INDICATOR LIGHT**

DBS• CABLE   **VCR• DVD**   **TV**

(BLINK)

CODE SEARCH   **(OFF)**

(BLINK)

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**, or **DBS•CABLE**). 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 (pages 22-23) for the component just programmed.

Sleep Feature (Select Models Only)

This feature will automatically turn off your TV at a duration you choose from 1 to 99 minutes.

SLEEP   **INDICATOR LIGHT**
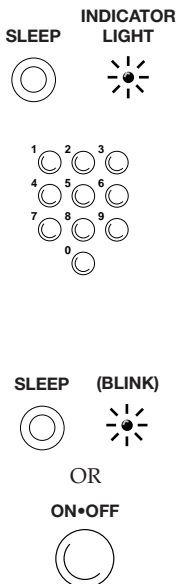
PROGRAMMING SLEEP FEATURE

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

2. Enter time in minutes using the numerical key pad. 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. (Sleep Feature will not work unless remote is left aimed at television.)

CANCELING THE SLEEP TIMER

The Sleep Timer program will be canceled and reset to zero by either of the following.

SLEEP   **(BLINK)**

OR

ON•OFF

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

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

Using 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 **VCR•DVD** key to operate a DVD player, you can access DVD disc menus with the **MENU** key.

The **MENU** key will also access TV menu systems for most RCA, GE and PROSCAN TV's, as well as some other popular brands. Also, 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.

Accessing a Menu System

VCR•
DVD   TV
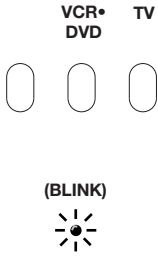
(BLINK)

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**, **VCR•DVD** or **DBS•CABLE**).

3. Press the **MENU** key. The indicator light blinks continuously to indicate the remote is in Menu Mode and the component's menu should appear on the TV screen.

Highlighting and Selecting Menu Items

To navigate On-screen Menus, use the **VOL UP/DOWN** and/or **CHAN UP/DOWN** keys.

VOL UP/DOWN keys move the cursor (or the highlight) right/left. **CHAN UP/DOWN** keys move the cursor (or the highlight) up/down.

For RCA, GE or PROSCAN products, press the **MENU** or **ENTER** 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 **ENTER** key can be used to select menu choices.

For Sony products, pressing the **ENTER** key while in Menu Mode returns you to the previous menu.

Language/Idioma/Langue

English

Español

Français

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 ENTER key to select English.

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

Notes:

All functions in competitive models and brands of products may not be fully supported.

The remote will automatically time out in Menu Mode and the indicator light will stop blinking after approximately 10 seconds of inactivity (no keys being pressed). For DVD menus, the Menu Mode will time out after approximately 15 seconds.

Because of the wide variety of menu formats, some experimenting may be required.

Exiting a Menu System

To exit Menu Mode, press the corresponding component key on the remote (**TV**, **VCR•DVD** or **DBS•CABLE**). The indicator light goes out and the remote reverts to its normal mode of 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 or DVD player when programming the **VCR•DVD** key; TV when programming the **TV** key; cable box or satellite receiver when you're programming the **DBS•CABLE** key).

- If you've entered all of the codes for your brand that are in the accompanying Code List and followed the instructions, try one of the Code Search methods (See Code Search on page 24)

- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.

- To program the 3 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 (using the TV codes) and the VCR or DVD (using the VCR or DVD codes) for full operation.

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**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.

- You may have pressed an invalid key for the mode the remote is in (for example, **REC** only works in VCR Mode).

- Make sure the batteries are properly installed.

- Replace the batteries with two new AAA 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**, **VCR•DVD**, **DBS•CABLE**) 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 21).

- Replace the batteries with two new AAA 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**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.

- Make sure 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 (for example, **REC** only works in VCR mode).

- If you're trying to turn on an RCA, GE or PROSCAN component, press the component key (**TV**, **VCR•DVD**, **DBS•CABLE**) instead of the **ON•OFF** key.

- If operating a VCR to record, you must press the **REC** key two times.

- 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 22-23). If the component can be turned on and off, make sure you press the **CHAN UP/DOWN** key to see if the component responds. If not, try the next code from the list.

Problem: The VCR won't record.

- As a safety feature, you must press the **REC** 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**, **VCR•DVD**, **DBS•CABLE**) 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 Input 1 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**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.

- Menu access isn't supported for all brands. If that's
  the case, you'll need to use your original remote control to access menu functions for these components.

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

RCU403 Code List

Use this code list when programming the three-component universal remote.
Use the code list on page 16 when programming the eight-component universal remote.

TV Codes

Abex 172
Admiral 001, 046, 047, 083, 095, 173, 191
Advertura 174
Aiko 016
Akai 002
Alleron 046, 047
Amtron 038
Anam National 003, 038
AOC 004, 005, 006, 007, 038, 162
Apex 236
Audiovox 038
Belcor 004
Bell & Howell 001, 048, 049, 073, 083, 162
Bradford 038
Broksonic 000, 004, 239
Brokwood 004
Candle 004, 006, 008, 174
Celebrity 002
Citizen 004, 006, 008, 016, 038, 105, 132, 171, 174, 177, 191
Colortyme 004, 006
Concerto 004, 006
Contec/Cony 012, 013, 038, 063
Craig 038
Crosley 000, 062
Crown 038, 062, 130, 171
Curtis Mathes 000, 004, 006, 015, 048, 049, 073, 105, 162, 171, 212
CXC 038
Daewoo 004, 005, 006, 016, 017, 082, 171, 190
Daytron 004, 006, 171
Dimensia 000, 212
Dumont 004, 151, 217
Dynatech 004
Electroband 002
Electrohome 000, 002, 003, 004, 006, 019, 022, 064
Emerson 004, 006, 012, 023, 025, 026, 029, 030, 033, 035, 036, 037, 038,
. . . . .041, 042, 043, 046, 047, 048, 049, 073, 123, 162, 171, 177, 179, 191
Envision 004, 006
Fisher 048, 049, 051, 073, 162, 180
Fujitsu 046, 047
Funai 038, 046, 047, 189
Futuretec 038
GE 000, 003, 004, 006, 022, 052, 054, 055, 064,
. . . . 087, 100, 165, 166, 167, 181, 203, 212, 233
Gibralter 004, 151
Goldstar 004, 005, 006, 012, 019, 056, 082, 155, 156, 171, 172
Grundy 038, 046, 047, 171
Hallmark 004, 006
Harvard 038
Hisense 237
Hitachi 004, 006, 012, 013, 059, 060, 063, 135, 136, 145, 148, 179, 185
IMA 038
Infinity 062, 130
Janeil 174
JBL 062, 130
JCB 002
JC Penney 000, 004, 005, 006, 008, 013, 022, 052, 054, 055, 063, 064, 072,
. . . . . . .082, 087, 100, 104, 105, 109, 132, 166, 167, 171, 172, 181, 203, 212, 233
Jensen 004, 006
JVC 012, 013, 054, 055, 060, 063, 065, 066, 123, 157, 159, 242
Kawasho 002, 004, 006
Kenwood 004, 006, 019
Kloss Novabeam .038, 068, 069, 174, 183
KTV 038, 070, 171, 177
LG 005, 082
Loewe 062, 130
Logik 001, 083
Luxman 004, 006
LXI 000, 006, 048, 049, 062, 072, 073, 100, 109, 130, 162, 181, 203, 212, 233
Magnavox 000, 004, 006, 008, 019, 062, 068, 069, 075, 076,
. . . . .077, 088, 130, 132, 133, 134, 183, 219, 235
Majestic 001
Marantz 004, 006, 059, 062, 130
Megatron 006, 059
Memorex 001, 005, 006, 046, 047, 048, 049, 073, 082, 083, 162, 191
MGA 004, 005, 006, 019, 022, 051, 064, 079, 080, 082
Midland 054, 055, 151, 171, 172, 181
Minutz 052

Mitsubishi 004, 005, 006, 019, 022, 051, 064, 079, 080, 082, 125, 135
Montgomery Ward 001, 083
Motorola 003, 173
MTC 004, 005, 006, 082, 105
Multitech 038
NAD 006, 072, 109, 136, 185
NEC 003, 004, 005, 006, 082
Nikko 006, 016
NTC 016
Onwa 038
Optimus 136, 185
Optonica 095, 173
Orion 030, 035, 191
Panasonic 003, 054, 055, 062, 109, 130, 170
Philco 003, 004, 005, 006, 008, 012, 019, 062, 068,
. . . . .069, 075, 077, 082, 088, 130, 132, 134, 183
Philips 002, 003, 004, 008, 012, 019, 062, 068, 069,
. . . . .075, 076, 087, 088, 130, 132, 134, 167, 183
Pilot 004, 171
Pioneer 004, 006, 136, 179, 185
Portland 004, 005, 006, 016, 082, 171
Price Club 105
Prima 238
Prism 054, 055
PROSCAN 000, 100, 181, 203, 212, 233
Proton 004, 006, 012
Pulsar 151
Pulser 004
Quasar 003, 054, 055, 109, 170
RadioShack 000, 048, 049, 073, 162, 212
RadioShack/Realistic 004, 006, 012, 038, 048, 049, 073, 095, 162, 171, 172
RCA 000, 003, 004, 005, 006, 007, 019, 054, 055, 082, 096, 098, 099,
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Runco 151, 217
Sampo 004, 006, 171, 172
Samsung 004, 005, 006, 012, 013, 015, 017,
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Sansui 191
Sanyo 004, 048, 049, 073, 080, 162, 169, 180
Scotch 006
Scott 004, 006, 012, 035, 038, 046, 047
Sears 000, 004, 006, 013, 019, 046, 047, 048, 049, 051, 063, 066, 072,
. . . . .073, 100, 109, 110, 162, 180, 181, 189, 203, 212, 233
Sharp 004, 006, 012, 026, 029, 095, 111, 112, 171, 173
Shogun 004
Signature 001, 083, 173
Simpson 008
Sony 002, 218
Soundesign 004, 006, 008, 038, 046, 047, 132
Squareview 189
SSS 004, 038
Starlite 038
Supre-Macy 174
Supreme 002
Sylvania 004, 006, 008, 019, 062, 068, 069, 075,
. . . . .076, 077, 088, 130, 132, 134, 183, 189
Symphonic 026, 029, 033, 038, 046, 047, 155, 189
Tandy 173
Tashiko 072
Tatung 003
Technics 054, 055
Techwood 004, 006, 054, 055
Teknika 001, 004, 005, 006, 008, 012, 019, 038, 046,
. . . . .047, 063, 076, 082, 083, 105, 132, 170, 171
Tera 004, 012
TMK 004, 006
Toshiba 000, 048, 049, 072, 073, 105, 109, 118, 160, 162, 190, 241
Totevision 171
Universal 052, 087, 166, 167
Victor 066
Vidtech 004, 005
Viking 174
Wards 000, 001, 004, 005, 006, 019, 033, 046, 047, 052, 062, 068, 069,
. . . . .075, 076, 082, 083, 087, 088, 095, 130, 134, 166, 167, 173, 183, 212
White Westinghouse 000, 001, 190, 191
Yamaha 004, 005, 006, 019, 082
Zenith 000, 001, 004, 051, 083, 151, 152, 154, 217

VCR Codes

Admiral..001
Adventura..026
Aiko...027
Aiwa..026
Akai...003, 007, 111, 112, 119
American High...021
Asha..013
Audio Dynamics...009, 010
Audiovox..014, 054
Beaumark..013
Bell & Howell..011
Broksonic..012, 025, 031
Calix..014, 054
Candle..............................013, 014, 015, 016, 017, 018, 019
anon...021, 022
Capehart..110
Carver..062
CE...027, 061
Citizen...........................013, 014, 015, 016, 017, 018, 019, 027, 054
Colortyme...009
Colt...061
Craig...013, 014, 023, 054, 061
Curtis Mathes...........000, 009, 013, 016, 018, 021, 022, 024, 087, 091, 115
Cybernex...013
Daewoo...........................015, 017, 019, 025, 026, 027, 110
Daytron...061, 110
DBX...009, 010
Dimensia..000
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Headquarter..011
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Instant Replay...021
JCL..021
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RadioShack/Realistic 011, 013, 014, 021, 022, 023,, 026, 029, 049, 054, 096	Vector Research 009, 010, 015, 016
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Randex 014	Video Concepts 009, 010, 015, 016
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PVR* Codes

RePlay 139	*PVR's are programmed under the VCR•DVD or VCR key
Tivo 140	

DVD Codes

Aiwa 350	Onkyo 147
Apex 383, 384, 389	Oritron 152
Broksonic 379	Panasonic 148, 355
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Emerson 386, 387	Pioneer 149, 150, 165
Funai 387	PROSCAN 160
Go Video 372	Qwestar 152
Hitachi 141, 351	RCA 153, 160, 374, 380, 382
JVC .146, 161, 352, 373	Samsung 154, 155, 368, 375
Kenwood 142	Samsui 168
Konka 353, 354	Sanyo 359, 376
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Mintek 145	Sylvania 387
Mitsubishi 163	Toshiba 167, 169, 362, 363, 365, 366, 381
NAD 386	Zenith .364, 367, 378

TV/DVD Combo

	TV	DVD
Broksonic	.239	379
RCA	.240	380
Toshiba	.241	381

VCR/DVD Combo

	VCR	DVD		VCR	DVD
Go Video	.131	372	Samsung	.134	375
JVC	.132	373	Sanyo	.135	376
Philips	.136	377	Zenith	.137	378
RCA	.133	374			

Portable DVD

RCA..382	

Satellite Codes

Alphastar..079	Panasonic..075
Dish Network...078	Philips..085
Echostar..089	Primestar...076
Express Vu...091	PROSCAN...................................047, 071, 080, 081
GE...047, 071, 080, 081	RCA...047, 071, 080, 081
Hitachi...083, 084	Sony..072
Hughes Network Systems 077, 083, 090	Star Choice...092
JVC..082	Toshiba...073
Magnavox..085	Uniden...086
Motorola..047, 071	

Cable Box Codes

|	
ABC	001, 003, 004, 005, 006
Antronix	008, 009
Archer	008, 009, 011
Cabletenna	008
Cableview	008
Century	011
Citizen	011
Colour Voice	012
Eastern	017
Garrard	011
GC Electronics	009
GE	000, 003
Gemini	018
General Instruments	000, 001, 003, 046, 049
Hamlin	020, 021, 022, 035
Hitachi	003
Jasco	011
Jerrold	000, 001, 003, 005, 018, 023, 046, 049
Magnavox	025
Motorola	000, 003, 046
Movie Time	027
NEC	005
NSC	027
Panasonic	000, 048
Philips	011, 012, 025
Pioneer	033, 034
PROSCAN	003
RCA	000, 049
Realistic	009
Regal	022, 035
Regency	017
Rembrandt	003
Samsung	034
Scientific Atlanta	006, 036, 037, 038
Signal	018
Signature	003
Sprucer	000
Starcom	001, 018
Stargate	018
Starquest	018
Tocom	004, 023
Tusa	018
TV86	027
Unika	008, 009, 011
United Cable	001
Universal	008, 009, 011
View Star	025, 027
Zenith	000, 050, 051

RC532J US CODELIST REVB

Limited 90-Day Warranty

THOMSON INC. warrants that for 90 days from date of purchase, it will replace this product if found to be defective in materials or workmanship. Return it postage prepaid to the Product Exchange Center address for prompt, no-charge replacement with a current equivalent. This replacement is THOMSON INC.'s sole obligation under this warranty. THOMSON INC. will not be responsible for any incidental or consequential damages or for any loss arising in connection with the use or in ability to use this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty excludes defects or damage due to misuse, abuse or neglect. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Product Exchange Center
11721 Alameda Ave.
Socorro, TX 79927

SUPER VALUE PACK!
2 REMOTES FOR THE PRICE OF 1!

INCLUDES USER Guide FOR BOTH REMOTES
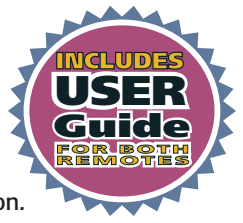
- Replace 8 remotes with a single universal remote control!
- Get a bonus 3 component remote control!
- Easy to use, easy to program, so you have control at the touch of a button.
- Compatible with over 300 of today's most popular brands!
- Full code lists for both remotes included!
- See inside for more details.

Your RCA Universal Remote is compatible with most brands (of infrared remote controlled components manufactured after 1990). Below is a list showing some of those brands. Check the enclosed Code List for a complete listing along with their corresponding popular setup codes for quick and easy reference. **The remote already operates most RCA, GE and PROSCAN products without any programming!**

TV	VCR	DVD	CD	SATELLITE	CABLE	AUDIO
Apex	Allegro	Aiwa	Aiwa	Alphastar	ABC	Aiwa
Audiovox	Broksonic	Allegro	ADC	Bell ExpressVu	Antronix	Denon
Broksonic	Canon	Apex	ADO	Chaparral	Archer	Harman Kardon
Citizen	Curtis Mathes	Broksonic	Akai	Dish Network	Cableview	JBL
Curtis Mathes	Daewoo	Daewoo	Denon	Drake	Century	JVC
Daewoo	Emerson	Emerson	Dynatech	Echostar	Citizen	Kenwood
Emerson	**GE**	Funai	Emerson	**GE**	Contec	Koss
GE	Go Video	**GE**	Fisher	General	Garrard	Onkyo
Hisense	Hitachi	Go Video	**GE**	Instruments	**GE**	Optimus
Hitachi	JC Penney	Hitachi	Hitachi	Hitachi	Gemini	Panasonic
JC Penney	JVC	JBL	Inkel	Hughes	General	Philips
JVC	Kenwood	JVC	JVC	Network	Instruments	Pioneer
Kenwood	LG (Goldstar)	Kenwood	Kenwood	Systems	Hitachi	**RCA**
KLH	LXI	Konka	Luxman	JVC	Jasco	Sherwood
LG (Goldstar)	Magnavox	Koss	NEC	Magnavox	Jerrold	Sony
LXI	Matsushita	Lasonic	Marantz	Motorola	Magnavox	Technics
Magnavox	Mitsubishi	Magnavox	MCS	Panasonic	Motorola	Venturer
Mitsubishi	Montgomery	Memorex	Mitsubishi	Philips	NEC	Yamaha
Montgomery	Ward	Mintek	Nakamichi	Primestar	Panasonic	
Ward	NEC	Mitsubishi	Onkyo	Realistic	Philips	
NEC	Panasonic	NAD	Optimus	**PROSCAN**	Pioneer	
Orion	Philco	Onkyo	Panasonic	**RCA**	**PROSCAN**	
Panasonic	Philips	Oritron	Pioneer	Sony	**RCA**	
Philco	Pioneer	Panasonic	**RCA**	Star Choice	Realistic	
Philips	**PROSCAN**	Philips	Sanyo	Toshiba	Regency	
Pioneer	Quasar	Pioneer	Sears	Uniden	Samsung	
Prima	RadioShack/	**PROSCAN**	Sherwood		Scientific	
PROSCAN	Realistic	Qwestar	Sony		Atlanta	
Quasar	**RCA**	**RCA**	Teac		Standard	
RadioShack/	Samsung	Samsung	Technics		Component	
Realistic	Sanyo	Sansui	Toshiba		Starcom	
RCA	Sears	Sanyo	Yamaha		Stargate	
Sampo	Sharp	Sharp			Starquest	
Samsung	Sony	Sony			Tocom	
Sanyo	Sylvania	Sylvania			TV86	
Sears	Tandy	Toshiba			United Cable	
Sharp	Teknika	Venturer			Universal	
Sony	Toshiba	Xbox®*			View Star	
Sylvania	Victor	Yamaha			Zenith	
Tandy	Wards	Zenith				
Teknika	Yamaha					
Toshiba	Zenith					
Victor						
Wards						
Yamaha						
Zenith						

*Requires Xbox® DVD playback kit.

*Bonus RCU403 remote can control up to three components including TV, VCR or DVD, and Satellite Receiver or Cable Box. See inside for more details.

RCU800 requires 2 AA batteries (sold separately).
RCU403 requires 2 AAA batteries (sold separately).

RCU800B