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## RCA RCRN06GR

# RCA RCRN06GR 6-Device Green Backlit Universal Remote Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for setting up and operating your RCA RCRN06GR 6-Device Green Backlit Universal Remote. This remote is designed to control up to six different audio/video components, simplifying your home entertainment experience. Please read this manual thoroughly before use to ensure proper setup and functionality.

## 2. PRODUCT FEATURES

- Controls up to 6 audio/video components.
- Green backlit keypad for easy visibility in low light.
- Extensive code library for compatibility with various brands.
- Direct code entry, auto code search, and learning capabilities.
- Macro programming for multi-step commands.

## 3. REMOTE CONTROL LAYOUT

Familiarize yourself with the buttons on your universal remote. The following image illustrates the layout and key functions:





**Image 3.1:** Front view of the RCA RCRN06GR universal remote control, displaying all buttons including power, device selection, number pad, navigation, volume, channel, and media playback controls. The keypad features green backlighting.

**Key Button Functions:**

- **POWER:** Turns selected device on or off.
- **DEVICE SELECTORS (TV, SAT-CBL-DTC, DVD, AUDIO, DVR-AUX1, VCR-AUX2):** Selects the device to be controlled.
- **NUMBER PAD (0-9):** Enters channel numbers or menu selections.
- **VOL +/-:** Adjusts volume.
- **CH +/-:** Changes channels.
- **MUTE:** Silences audio.
- **GUIDE:** Displays program guide.
- **MENU:** Accesses device menu.
- **OK/ENTER:** Confirms selections.
- **NAVIGATION ARROWS:** Moves through menus and options.
- **PLAY, PAUSE, STOP, RECORD, REWIND, FORWARD, SKIP:** Media playback controls.
- **BACKLIGHT BUTTON (Lightbulb icon):** Activates the green backlight.

## 4. SETUP

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### 4.1 Battery Installation

1. Remove the battery compartment cover on the back of the remote.
2. Insert two fresh AAA alkaline batteries, matching the (+) and (-) terminals as indicated inside the compartment.
3. Replace the battery compartment cover.

### 4.2 Programming Your Remote

Your universal remote can be programmed using three methods: Direct Code Entry, Auto Code Search, and Learning Function.

#### 4.2.1 Direct Code Entry

This method uses specific codes for your device brand. Refer to the code list provided with your remote or visit the RCA support website for a comprehensive list.

1. Turn on the device you wish to control (e.g., TV, DVD player).
2. Press and hold the **CODE SEARCH** button until the indicator light turns on.
3. Press and release the desired **DEVICE SELECTOR** button (e.g., **TV**). The indicator light will blink once and remain on.
4. Enter the 4-digit code for your device brand using the number pad.
5. If the code is valid, the indicator light will turn off. If the light blinks and stays on, the code is invalid; re-enter the code.
6. Point the remote at your device and press the **POWER** button. If the device turns off, the remote is programmed. If not, try the next code for your brand or use another programming method.

#### 4.2.2 Auto Code Search

This method automatically searches through the remote's code library until it finds a working code for your device.

1. Turn on the device you wish to control.
2. Press and hold the **CODE SEARCH** button until the indicator light turns on.
3. Press and release the desired **DEVICE SELECTOR** button (e.g., **TV**). The indicator light will blink

once and remain on.

4. Press and release the **POWER** button repeatedly (approximately every 2 seconds) until your device turns off.
5. Once the device turns off, press the **ENTER** button to save the code. The indicator light will turn off.
6. Test other functions (e.g., volume, channel) to ensure proper control. If not, repeat the process.

### 4.2.3 Learning Function

The learning function allows your universal remote to learn commands directly from your original device remote.

1. Place your universal remote and the original device remote head-to-head on a flat surface, about 1-2 inches apart.
2. Press and hold the **CODE SEARCH** button until the indicator light turns on.
3. Press and release the desired **DEVICE SELECTOR** button (e.g., **TV**) on the universal remote. The indicator light will blink once and remain on.
4. Press and release the button on the universal remote that you want to teach a function to (e.g., **VOL+**). The indicator light will blink rapidly.
5. Press and hold the corresponding button on the original device remote (e.g., **VOL+**) until the indicator light on the universal remote blinks twice and turns off. This indicates successful learning.
6. Repeat steps 4 and 5 for each button you wish to teach.
7. To exit learning mode, press the **CODE SEARCH** button.

## 5. OPERATING YOUR DEVICES

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### 5.1 Selecting a Device

To control a specific device, press the corresponding **DEVICE SELECTOR** button (e.g., **TV**, **DVD**, **SAT-CBL-DTC**). The indicator light will illuminate briefly to confirm your selection.

### 5.2 Basic Functions

- **Power:** Press the **POWER** button to turn the selected device on or off.
- **Volume:** Use the **VOL +/-** buttons to adjust the volume of the selected audio device.
- **Channel:** Use the **CH +/-** buttons to change channels on your TV or cable/satellite box.
- **Input:** The **INPUT - DIGITAL** button cycles through video inputs on your TV.

### 5.3 Advanced Features

- **Backlight:** Press the **LIGHTBULB** icon button to activate the green backlight for the keypad. Press again to turn it off.
- **Macro:** The **MACRO** button allows you to program a sequence of commands to be executed with a single button press. Refer to the full user manual for detailed macro programming instructions.
- **Sleep:** The **SLEEP** button can be programmed to turn off a device after a set period.
- **Page Up/Down:** These buttons are particularly useful for navigating electronic program guides (EPGs) or long lists, allowing you to scroll multiple entries at once.

## 6. CARE AND MAINTENANCE

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### 6.1 Cleaning

Wipe the remote control with a soft, slightly damp cloth. Do not use abrasive cleaners or solvents, as they

may damage the remote's finish or internal components.

## 6.2 Battery Replacement

Replace batteries when the remote's performance diminishes or the indicator light fails to illuminate. Always replace both batteries with new AAA alkaline batteries. Do not mix old and new batteries or different types of batteries.

## 7. TROUBLESHOOTING

Problem	Solution
Remote does not operate your device.	<ul style="list-style-type: none"><li>• Ensure fresh batteries are installed correctly.</li><li>• Verify the correct device selector button is pressed.</li><li>• Reprogram the remote using a different code or the Auto Code Search method.</li><li>• Ensure there are no obstructions between the remote and the device.</li></ul>
Indicator light does not turn on.	<ul style="list-style-type: none"><li>• Check battery installation and replace if necessary.</li></ul>
Some buttons do not work after programming.	<ul style="list-style-type: none"><li>• The selected code may not be fully compatible. Try another code for your brand.</li><li>• Use the Learning Function to teach specific commands from your original remote.</li></ul>
Backlight is not working.	<ul style="list-style-type: none"><li>• Ensure batteries have sufficient power.</li><li>• Press the backlight button (lightbulb icon) to activate.</li></ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	RCRN06GR (DWS-RCARCRN06GR)
Brand	RCA
Device Capacity	6 Devices
Special Features	Backlit, Universal, Learning Capability
Color	Green (Backlight)
Compatible Devices	DVD/Blu-ray Player, Television, Satellite/Cable/DTC, Audio, DVR, VCR, and more via learning.
Connectivity Technology	Infrared (IR)

Feature	Detail
Power Source	2 x AAA Batteries (not included)
Item Weight	5.6 ounces
Date First Available	September 2, 2011

## 9. WARRANTY INFORMATION

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For specific warranty details, please refer to the warranty card included with your product or visit the official RCA website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

## 10. CUSTOMER SUPPORT

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If you encounter issues not covered in this manual or require further assistance, please contact RCA customer support:

- **Website:** Visit the official RCA support website for FAQs, code lists, and contact information.
- **Phone:** Refer to your product packaging or the RCA website for customer service phone numbers.

When contacting support, please have your product model number (RCRN06GR) and purchase information ready.