

Xnbada RC03RF

Xnbada RC03RF Wireless 2.4G RF 4 Zone RGB RGBW RGBCCT Smart Remote Control User Manual

Model: RC03RF

1. INTRODUCTION

This manual provides detailed instructions for the Xnbada RC03RF Wireless 2.4G RF 4 Zone Smart Remote Control. This remote is designed to control RGB, RGBW, and RGBCCT LED strip lights, offering versatile lighting adjustments through its 2.4G RF technology.

Package Contents:

- 1 x RC03RF Remote Control
- 2 x Screws (for wall mounting)



Figure 1: Xnbada RC03RF Remote Control and mounting screws.

2. SPECIFICATIONS

Feature	Description
Model Number	RC03RF
Control Method	2.4G RF Wireless Remote
Zones	4-Zone Group Control
Compatible Light Types	RGB, RGBW, RGB CCT LED Strip Lights
Control Distance	Up to 30 meters (98 feet)
Power Source	2 x AAA Batteries (not included)
Color Adjustment	16 million colors via touch ring, 7 pure colors via button
Brightness Adjustment	0-100%

Color Temperature/Saturation	Adjustable
Material	Plastic
Dimensions	Approximately 5.91 x 2.17 x 0.98 inches
Indoor/Outdoor Usage	Indoor

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Open the battery cover.
3. Insert two (2) AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

Note: Batteries are not included and must be purchased separately.

3.2 Pairing with Controllers

The RC03RF remote uses 2.4G RF technology for quick pairing without the need for Wi-Fi, Bluetooth, or a gateway. The pairing process typically involves the following steps:

1. Ensure your compatible LED controller (e.g., C03W, C04W, C05W) is powered on and connected to your LED strip lights.
2. On the LED controller, locate the pairing button (often labeled 'SET' or 'PAIR'). Press and hold this button for a few seconds until the connected LED strip lights flash or indicate pairing mode.
3. Within 15 seconds of the controller entering pairing mode, press one of the Zone ON buttons (1, 2, 3, or 4) on the RC03RF remote control.
4. The LED strip lights should flash again, indicating successful pairing.
5. Repeat this process for each zone you wish to control with a separate controller, or for multiple controllers within the same zone.

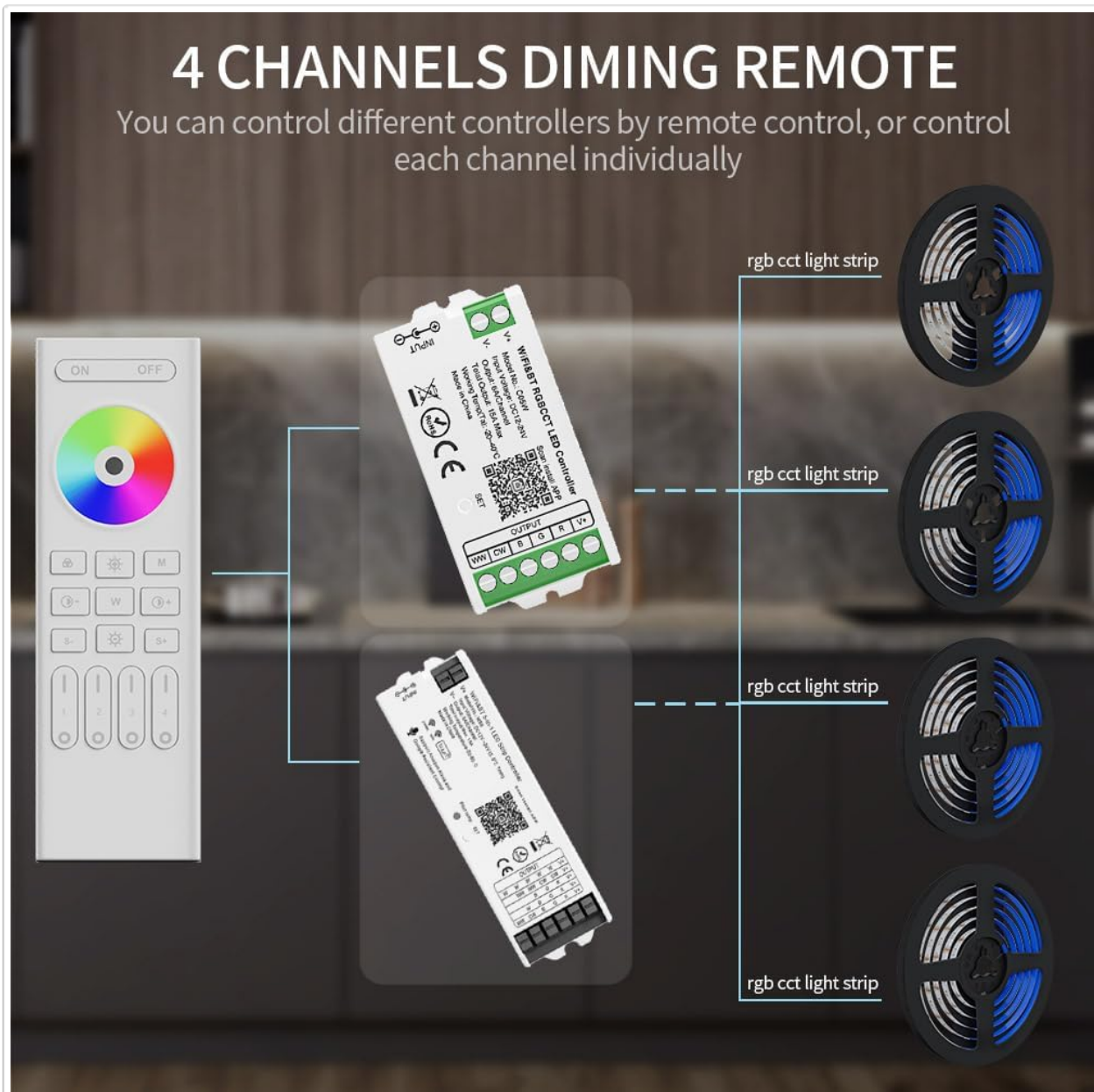


Figure 2: The RC03RF remote can control multiple LED strip controllers, with each zone button managing a distinct group of lights.

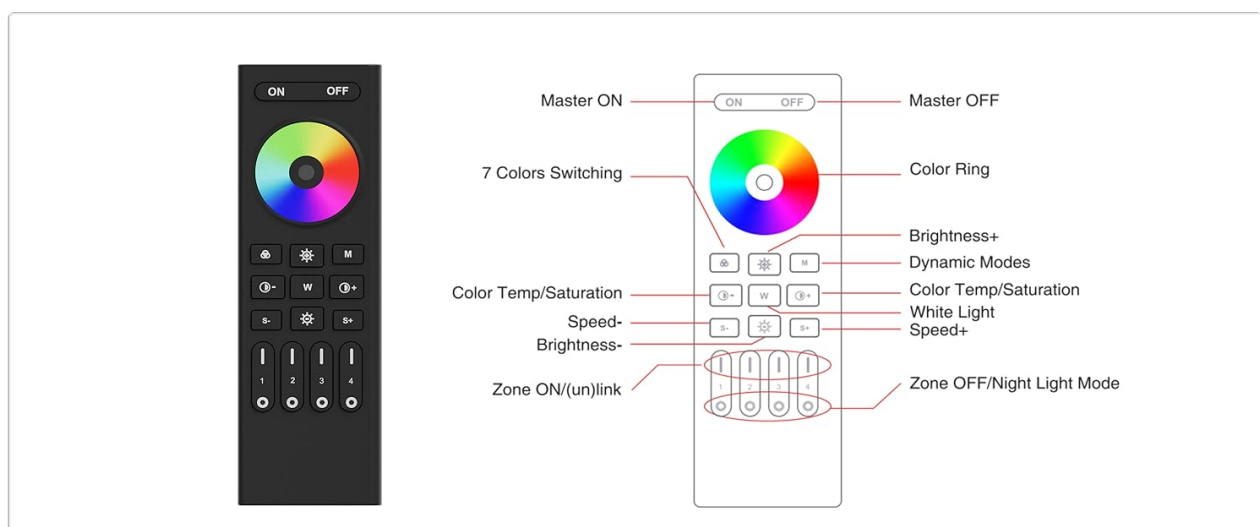


Figure 3: The remote control signal can be automatically transmitted to other controllers within 30 meters, extending the control range.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Layout and Functions

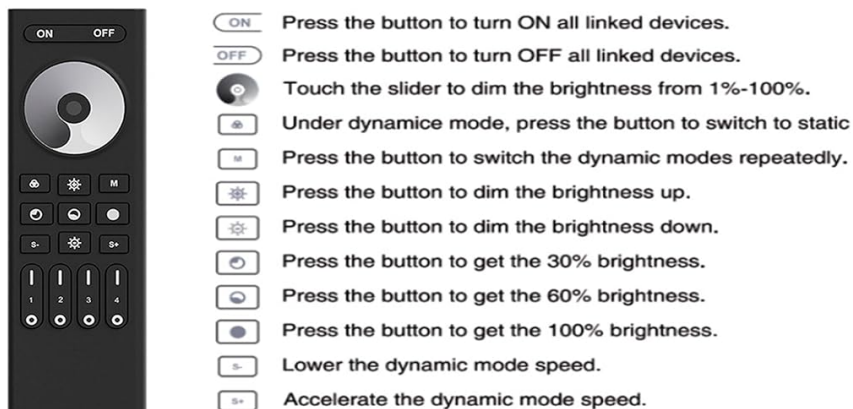


Figure 4: RC03RF Remote Control Button Functions.

- **ON:** Press to turn ON all linked devices.
- **OFF:** Press to turn OFF all linked devices.
- **Color Ring:** Touch the slider to select from 16 million colors and dim brightness from 1% to 100%.
- **W:** Press to switch between cool white, nature white, and warm white repeatedly.
- **M (Mode):** Press to cycle through dynamic modes.
- **Brightness Up/Down:** Press to increase or decrease brightness.
- **Color Temp/Saturation Up/Down:** Press to adjust color temperature or saturation.
- **S-/S+ (Speed):** Lower or accelerate dynamic mode speed.
- **Zone ON/OFF (1-4):** Press to turn ON/OFF specific zones or activate night light mode for a zone.

4.2 Color and Brightness Adjustment

- **Color Selection:** Use the central color ring to select any of 16 million colors.
- **Brightness Control:** Adjust the brightness from 0% to 100% using the dedicated brightness buttons or by sliding on the color ring.
- **White Light Adjustment:** Press the 'W' button to cycle through different white light temperatures (cool, natural, warm).
- **7 Pure Colors:** The remote allows for one-key switching between 7 pure colors (red, orange, yellow, green, blue, purple, white).



Figure 5: Utilize the touch color ring for precise color selection from 16 million options.



Figure 6: Adjust brightness levels from 0% to 100% and activate night light mode.



Figure 7: Fine-tune the lighting with color temperature and saturation adjustments.

4.3 Zone Control

The RC03RF remote allows you to control up to four independent zones of LED lights. Each zone can be controlled individually or grouped together.

- **Individual Zone Control:** Press the corresponding Zone ON/OFF button (1, 2, 3, or 4) to control lights in

that specific zone.

- **All Zones Control:** Use the Master ON/OFF buttons to control all paired zones simultaneously.



Figure 8: Manage lighting in up to four separate zones with dedicated buttons.

4.4 Dynamic Modes

The remote includes various dynamic lighting modes. Press the 'M' button to cycle through these modes. Use the 'S-' and 'S+' buttons to adjust the speed of the selected dynamic mode.

Your browser does not support the video tag.

Video 1: Demonstration of the Xnbada RGB RGBW RGBCCT Wireless Smart Remote control features, including color changes, brightness adjustments, and dynamic modes with LED strip lights.

5. COMPATIBILITY

The RC03RF remote control is compatible with the following Xnbada LED controllers:

- C03W (RGB Controller)
- C03Z (RGB Controller)
- C04W (RGBW Controller)
- C04Z (RGBW Controller)
- C05W (RGBCCT Controller)
- C05Z (RGBCCT Controller)
- WB5
- LM052
- LM053
- LM051

It is designed to control various LED strip light types, including COB, 5630, 5050, 3014, 5730, and 3528 LED strips.



Figure 9: A selection of compatible Xnbada LED controllers.

6. MAINTENANCE

6.1 Cleaning

To clean the remote control, use a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface or internal components.

6.2 Battery Replacement

When the remote's performance degrades or it stops responding, replace the two AAA batteries. Ensure proper polarity during installation.

6.3 Storage

Store the remote control in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

- **Remote not responding:**

Check if the batteries are correctly installed and have sufficient charge. Replace batteries if necessary. Ensure the remote is within the 30-meter operating range of the controller. Re-pair the remote with the controller if the connection is lost.

- **LEDs flickering:**

This can sometimes be caused by an unstable power supply to the LED controller. Ensure your power adapter provides stable voltage and sufficient current for your LED strips.

- **Limited control range:**

Obstacles such as thick walls or metal structures can reduce the effective range. Ensure there are no major obstructions between the remote and the controller. Minimize interference from other 2.4Ghz devices.

- **Incorrect color display:**

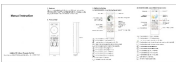
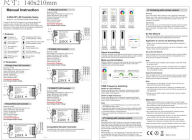
Verify that the LED strip type (RGB, RGBW, RGB CCT) matches the controller and that the remote is correctly paired for that specific type.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact Xnbada customer service directly. Keep your purchase receipt for warranty claims.

© 2024 Xnbada. All rights reserved.

Related Documents - RC03RF

	<p>2.4GHz RF 4-Zone Remote Control Manual</p> <p>Instruction manual for the 2.4GHz RF 4-Zone Remote Control, covering features, product size, button functions, linking/unlinking, and group control for various models including RC01RF, RC01RFB, RC02RF, RC02RFB, RC03RF, and RC03RFB.</p>
	<p>YSRSAI 2.4GHz RF LED Controller Series (C01RF-C05RF) - User Manual</p> <p>Comprehensive user manual for the YSRSAI 2.4GHz RF LED Controller Series, including models C01RF, C02RF, C03RF, C04RF, and C05RF. This guide details features, parameters, remote control linking/unlinking, synchronization, PWM frequency switching, and the 'Do Not Disturb' function for various LED lighting applications.</p>