

Xnbada RC01RF

Xnbada RC01RF Wireless 2.4G RF 4-Zone Single Color Remote Control User Manual

Model: RC01RF

1. INTRODUCTION

The Xnbada RC01RF is a wireless 2.4G RF remote control designed for single color LED strip lights. It offers 4-zone control, allowing you to manage multiple groups of LED strips independently or simultaneously. This remote features precise brightness adjustment and operates wirelessly up to 30 meters (98 feet), providing flexible control without complex wiring. It is compatible with Xnbada C01W, C01Z, and C01RF single color controllers.

2. SAFETY INFORMATION

- Read all instructions carefully before use.
- This device is intended for indoor use only.
- Do not expose the remote control to moisture or extreme temperatures.
- Use only AAA batteries as specified. Ensure correct polarity when inserting batteries.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the remote control. This will void the warranty.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Xnbada RC01RF Wireless Remote Control (Single Color)
- Wall Mount Holder
- Mounting Screws (2x)



Image: The Xnbada RC01RF remote control shown with its included wall mount holder and two mounting screws.

4. PRODUCT OVERVIEW

The RC01RF remote control features an intuitive layout for easy operation of your single color LED strip lights. Below is a diagram illustrating the functions of each button.



Image: Diagram showing the Xnbada RC01RF remote control with labels for each button's function, including ON/OFF, brightness adjustment, and zone selection.

ON Button: Press to turn ON all linked devices.

OFF Button: Press to turn OFF all linked devices.

Brightness Ring: Touch the slider to adjust brightness from 1% to 100%.

Brightness Up (☀): Press to increase brightness.

Brightness Down (☾): Press to decrease brightness.

M Button: Cycles through dynamic modes (if supported by the connected controller for single color).

30% Brightness: Press to set brightness to 30%.

60% Brightness: Press to set brightness to 60%.

100% Brightness: Press to set brightness to 100%.

S- Button: Decreases dynamic mode speed.

S+ Button: Increases dynamic mode speed.

Zone 1-4 Buttons: Press to select a specific zone for control. Press and hold to link/unlink a controller to that zone.

5. SETUP

5.1 Battery Installation

The RC01RF remote control requires two AAA batteries (not included).

1. Locate the battery compartment cover on the back of the remote.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring correct polarity (+ and -).
4. Slide the battery compartment cover back into place until it clicks securely.

5.2 Pairing the Remote Control with a Controller

The RC01RF remote control uses 2.4G RF technology for a fast and direct connection to compatible controllers (e.g., C01W, C01Z, C01RF) without requiring Wi-Fi, Bluetooth, or an app.

1. Ensure your LED strip controller is powered off.
2. Power on the LED strip controller.
3. Within 3 seconds of powering on the controller, press and hold one of the Zone buttons (1, 2, 3, or 4) on the RC01RF remote control.
4. If pairing is successful, the connected LED strip will flash three times. This indicates the controller is now linked to the selected zone on your remote.
5. Repeat this process for other controllers if you wish to assign them to different zones (1-4). Each zone can control multiple controllers.

To unlink a controller from a zone, power cycle the controller, and within 3 seconds, press the corresponding Zone button 5 times quickly. The LED strip will flash 10 times to confirm unlinking.

5.3 Wall Mount Installation

The included wall mount holder allows for convenient storage and access to your remote control.

1. Choose a suitable location on a wall or flat surface.
2. Use the wall mount holder as a template to mark the positions for the two mounting screws.
3. Drill pilot holes if necessary.
4. Secure the wall mount holder to the surface using the provided screws.
5. Insert the remote control into the holder.



Image: The Xnbada RC01RF remote control shown securely placed in its wall-mounted holder, demonstrating flexible placement options.

6. OPERATING INSTRUCTIONS

6.1 Basic Control (All Zones)

- **Turn ON/OFF:** Press the **ON** button to turn on all linked lights. Press the **OFF** button to turn off all linked lights.
- **Brightness Adjustment:** Touch the **Brightness Ring** to smoothly adjust the light intensity from 1% to 100%. Alternatively, use the **Brightness Up** (☼) and **Brightness Down** (☿) buttons for incremental adjustments.
- **Preset Brightness:** Use the dedicated buttons to quickly set brightness to **30%** , **60%** , or **100%** .



Image: An illustration demonstrating brightness adjustment using the remote control in a kitchen setting, showing a slider for precise control.

6.2 4-Zone Group Control

The RC01RF remote allows you to control up to four independent zones of single color LED strip lights.

- **Select a Zone:** Press the desired **Zone button (1, 2, 3, or 4)** to select that zone. Once selected, any commands (ON/OFF, brightness) will only apply to the controllers linked to that specific zone.
- **Control All Zones:** To control all linked zones simultaneously, ensure no specific zone button is actively selected (or press the currently active zone button again to deselect it, if applicable, or simply use the master ON/OFF).
- **Auto-Transmission:** The remote control utilizes an auto-transmission feature. If a controller is within 30 meters of

another controller, the signal can be transmitted, extending the effective control distance for larger installations.



Image: Diagram illustrating the simultaneous auto-transmission feature, where the remote signal is relayed between controllers within a 30-meter range, extending control distance.

6.3 Dynamic Modes (if applicable)

If your connected single color controller supports dynamic modes (e.g., flashing, fading effects), you can activate them:

- Press the **M button** to cycle through available dynamic modes.
- Use the **S-** and **S+** buttons to decrease or increase the speed of the selected dynamic mode.

7. MAINTENANCE

7.1 Battery Replacement

When the remote control's range decreases or it becomes unresponsive, it may be time to replace the batteries.

1. Follow the steps in Section 5.1 to open the battery compartment.
2. Remove the old AAA batteries.
3. Insert two new AAA batteries, observing correct polarity.
4. Close the battery compartment.

Dispose of used batteries according to local regulations.

7.2 Cleaning

To clean the remote control, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the remote in water.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Remote not responding.	<ul style="list-style-type: none"> ◦ Dead or incorrectly inserted batteries. ◦ Remote not paired with controller. ◦ Controller is out of range. ◦ Interference from other 2.4G devices. 	<ul style="list-style-type: none"> ◦ Replace batteries, ensuring correct polarity. ◦ Re-pair the remote with the controller (see Section 5.2). ◦ Move closer to the controller (within 30 meters). ◦ Minimize other 2.4G device usage or move them away.
LED strip not flashing during pairing.	<ul style="list-style-type: none"> ◦ Timing issue during pairing. ◦ Incorrect controller type. 	<ul style="list-style-type: none"> ◦ Ensure you press the Zone button within 3 seconds of powering on the controller. ◦ Verify that your controller is a compatible Xnbada single color controller (C01W, C01Z, C01RF).
Brightness adjustment is not smooth.	<ul style="list-style-type: none"> ◦ Low battery. ◦ Controller compatibility issue. 	<ul style="list-style-type: none"> ◦ Replace batteries. ◦ Ensure the controller is fully compatible with the remote's features.

9. SPECIFICATIONS

Model Number	RC01RF
Brand	Xnbada
Control Type	Wireless 2.4G RF
Number of Zones	4
Compatible Controllers	C01W, C01Z, C01RF (Single Color LED Controllers)
Control Distance	Up to 30 meters (98 feet)
Power Source	2 x AAA Batteries (not included)
Brightness Adjustment	0% - 100%
Dimensions	5.91 x 2.17 x 0.98 inches
Weight	3.17 ounces
Material	Plastic

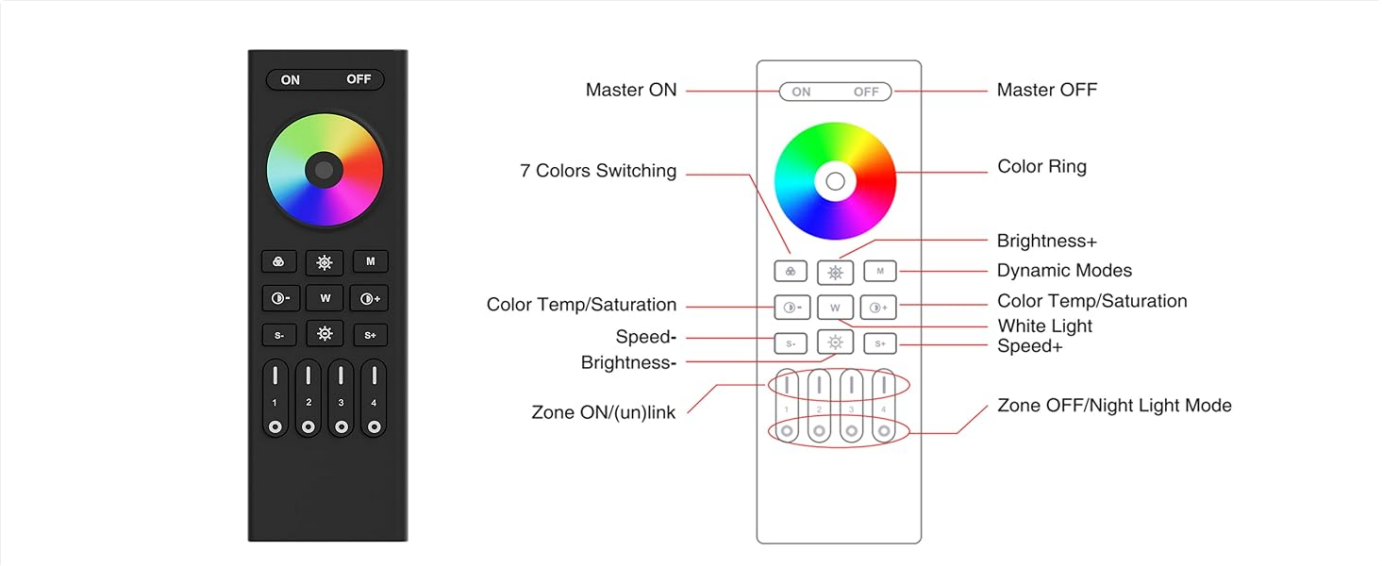


Image: A visual representation of various compatible Xnbada LED controllers, including C01W, C02W, C03W, C04W, C05W, WB5, FUT037, C01Z, C02Z, C03Z, C04Z, C05Z, LM051, and LM053.

10. WARRANTY AND SUPPORT


For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Xnbada store on Amazon:

[Xnbada Official Store](#)

If you encounter any issues not covered in this manual, please contact Xnbada customer service for assistance.



Related Documents - RC01RF

	<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>
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