

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Vrabcry](#) /

› [Vrabcry LM091 RGBCCT 4 Zone Touch RF Remote Control User Manual](#)

Vrabcry LM091

Vrabcry LM091 RGBCCT 4 Zone Touch RF Remote Control User Manual

Model: LM091

1. INTRODUCTION

This manual provides comprehensive instructions for the Vrabcry LM091 RGBCCT 4 Zone Touch RF Remote Control. This remote is designed to control RGBCCT LED strips and bulbs, offering intuitive control over color, brightness, and color temperature. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

2. PRODUCT OVERVIEW



Image 1: The Vrabcry LM091 RGBCCT remote control shown alongside its product packaging.

2.1 Key Features

- **RGBCCT Control:** Capable of controlling RGBCCT 6-pin (V+, R, G, B, WW, CW) LED strips and bulbs.
- **4-Zone Control:** Manage up to four distinct lighting zones independently or simultaneously.
- **Touch Color Ring:** Intuitive color selection via a sensitive touch color ring.
- **Brightness and Color Temperature Adjustment:** Fine-tune lighting intensity and white light temperature (warm white to cool white).
- **2.4GHz RF Transmission:** Reliable wireless control with a range of up to 98 feet (30 meters).
- **Compatibility:** Works with various Mi-Boxer/Mi-Light RGBCCT series controllers such as WL5, LS2, FUT045, FUT039, and others.
- **Ergonomic Design:** Comfortable to hold and operate.

2.2 Remote Control Layout



Image 2: Front view of the LM091 remote control, showing the touch color ring, brightness slider, and various control buttons.

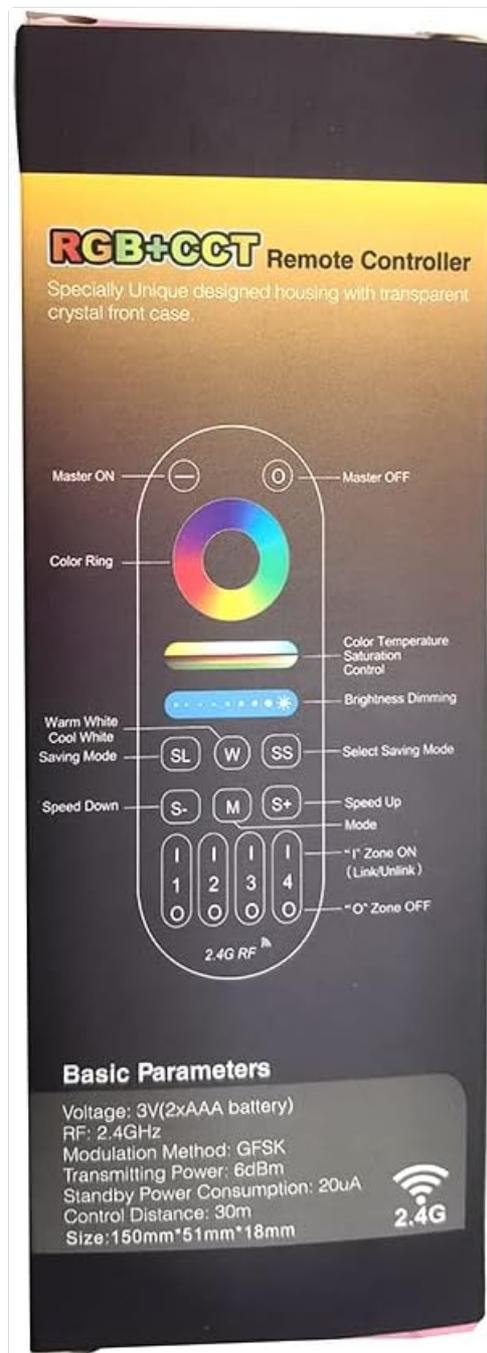


Image 3: A detailed diagram illustrating the functions of each button on the LM091 remote control, as depicted on its packaging.

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment cover on the back of the remote control.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring correct polarity (+ and -).
4. Replace the battery compartment cover.



Image 4: The back of the LM091 remote control with the battery compartment open, showing where to insert AAA batteries.

3.2 Pairing the Remote Control

To control your LED lights, the remote control must be paired with a compatible RGCCT controller (e.g., Mi-Boxer/Mi-Light series). The pairing process typically involves the following steps:

1. Ensure your LED controller is powered off.
2. Power on the LED controller. Within 3 seconds of powering on, press the desired zone number button (1, 2, 3, or 4) on the LM091 remote control three times.
3. The connected LED lights should flash three times to indicate successful pairing.
4. If pairing fails, power off the controller and repeat the process.

Unpairing: To unpair, power on the LED controller. Within 3 seconds, press the desired zone number button five times. The lights should flash six times to confirm unpairing.

4. OPERATING INSTRUCTIONS

The LM091 remote control allows for precise adjustment of your RGCCT LED lighting. Refer to Image 3 for button identification.

- **Master ON/OFF:** Press the 'Master ON' button (top right) to turn all paired lights on. Press the 'Master OFF' button (top left) to turn all paired lights off.
- **Zone Selection:** Press buttons '1', '2', '3', or '4' to select a specific lighting zone. Once a zone is selected, all subsequent commands will apply only to that zone. To control all zones simultaneously, press the 'Master ON' button.
- **Color Ring:** Touch the color ring to select any static color.

- **Color Temperature Control:** Use the 'W' (Warm White) and 'SS' (Cool White) buttons to adjust the color temperature of the white light. This function requires a CCT (Dual White) 3-wire LED strip (V+, WW, CW) or an RGBCCT strip.
- **Brightness Dimming:** Use the brightness slider to increase or decrease the light intensity. The 'S+' and 'S-' buttons can also be used for fine-tuning brightness.
- **Mode Selection (M):** Press the 'M' button to cycle through various dynamic lighting modes.
- **Speed Adjustment (S+/S-):** When a dynamic mode is active, use the 'S+' and 'S-' buttons to increase or decrease the speed of the mode.
- **Saving Mode (SL):** The 'SL' button may be used to save or recall custom lighting settings, depending on the connected controller's capabilities.

5. MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the remote's response becomes sluggish or inconsistent. Always use new AAA batteries and dispose of old batteries responsibly.
- **Storage:** Store the remote in a dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote not responding	Low or dead batteries. Remote is out of range. Not paired correctly.	Replace batteries. Move closer to the LED controller. Repair the remote control with the LED controller (refer to Section 3.2).
Lights not changing color/brightness	Incorrect zone selected. Controller not compatible with RGBCCT.	Ensure the correct zone is selected or press 'Master ON'. Verify that your LED controller and strip are RGBCCT compatible.
Color temperature adjustment not working	LED strip is not CCT or RGBCCT.	This function requires a CCT (Dual White) 3-wire LED strip (V+, WW, CW) or an RGBCCT strip. Ensure your strip supports this feature.

7. SPECIFICATIONS

- **Model:** LM091
- **Voltage:** 3V (2 x AAA Batteries)
- **Transmission Frequency:** 2.4GHz
- **Modulation Method:** GFSK
- **Transmitting Power:** 6dBm

- **Standby Power Consumption:** 20uA
- **Control Distance:** Up to 98 feet (30 meters)
- **Working Temperature:** -20°C to 60°C (-4°F to 140°F)
- **Max Number of Supported Devices:** 1 (per remote, but one controller can be controlled by four remotes)
- **Number of Buttons:** 4 (zone buttons) + other control buttons
- **Controller Type:** Remote control, Touch

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Vrabocry customer service through the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.