

OPERATING INSTRUCTIONS FOR LED-RGBW-CR

Thank you for purchasing our 2.4G Touch Screen RGBW LED Controller. Please read the instructions carefully before using.

1. Product Description

This system is a high-performance RGBW LED touch remote controller that adopts the most advanced PWM control technology, controlling all RGBW LED products with five lines and four circuits (common anode), featuring 640,000 colors and 20 automatic changing modes.

It features a memory function that allows the previous settings to be resumed when the unit is powered ON again making this controller ideal for use in RGBW LED strip lights, LED modules, and so on.

The technology in the 2.4G high-frequency wireless remote control offers low power consumption, long distance transmission, strong anti-interference, high speed telecommunications, etc.

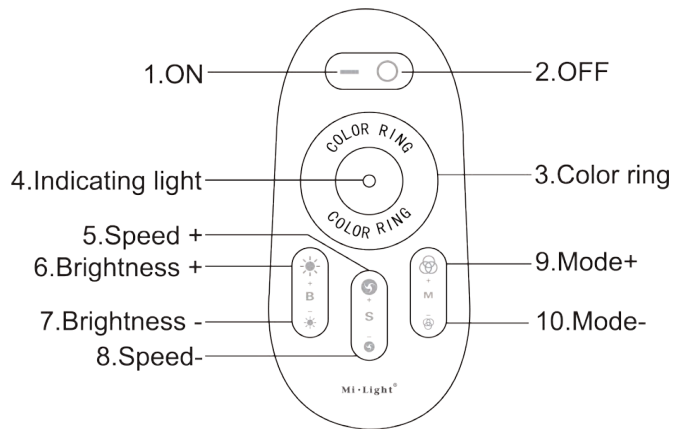
The remote is designed to appear fashionable and elegant, with simple, practical functions of color changing and brightness dimming. The capacitive touch screen design makes the remote easy to use.

The modular design and easy screwed terminals enable the controller to be used with all kinds of LED lighting products.

2. Technical Data

Remote	Size	110x52x20mm
	Power	AAA battery *2pcs
	Material	ABS
	Fabrication Processing	Multicolor Printing & UV Varnish
Controller	Size	85x45x23mm
	Working Voltage	DC12V~24V
	Control Way	R G B W Four Channels
	Max Load Per Channel	6A
	Total Output Max	10A
	Output Connection	Common Anode
	Telecontrol Distance	30 Meters
	Programs	20 Kinds

3. Function of Keys



4. Program List

No.	Mode	Brightness	Speed	Remarks
1	Static Color	Adjustable	Not Adjustable	Choose Any Color by Touching the Color Ring
2	Static White Color	Adjustable	Not Adjustable	White Only
3	Color/White Static Coexist	Adjustable	Not Adjustable	Color Ring Free to Choose. Brightness Adjusts Only for Color Light
4	All Colors Gradually Change	Adjustable	Adjustable	White (Off)
5	Four Colors Gradually Change	Adjustable	Adjustable	
6	Four Colors Jump to Change	Adjustable	Adjustable	
7	Seven Colors Jump to Change (with White Color)	Adjustable	Adjustable	
8	Red/White Jumps to Change	Adjustable	Adjustable	
9	Blue/White Jumps to Change	Adjustable	Adjustable	
10	Green/White Jumps to Change	Adjustable	Adjustable	
11	Red Jumps to Change	Adjustable	Adjustable	
12	Blue Jumps to Change	Adjustable	Adjustable	
13	Green Jumps to Change	Adjustable	Adjustable	
14	White Jumps to Change	Adjustable	Adjustable	
15	Circulation Mode	Adjustable	Not Adjustable	All the Modes Cycle

5. Programming

Code Matching:

For a new kit (remote + controller), the remote can only work when it is programmed to the controller.

To program the controller, correctly connect the power supply, LED controller, and LED load. Switch OFF the power, then switch it ON again. Press Key 5 once (within 3 seconds) the moment you see the light is ON. The LED light will blink twice slowly when done correctly.

Code Clearing:

The code can be cleared as needed.

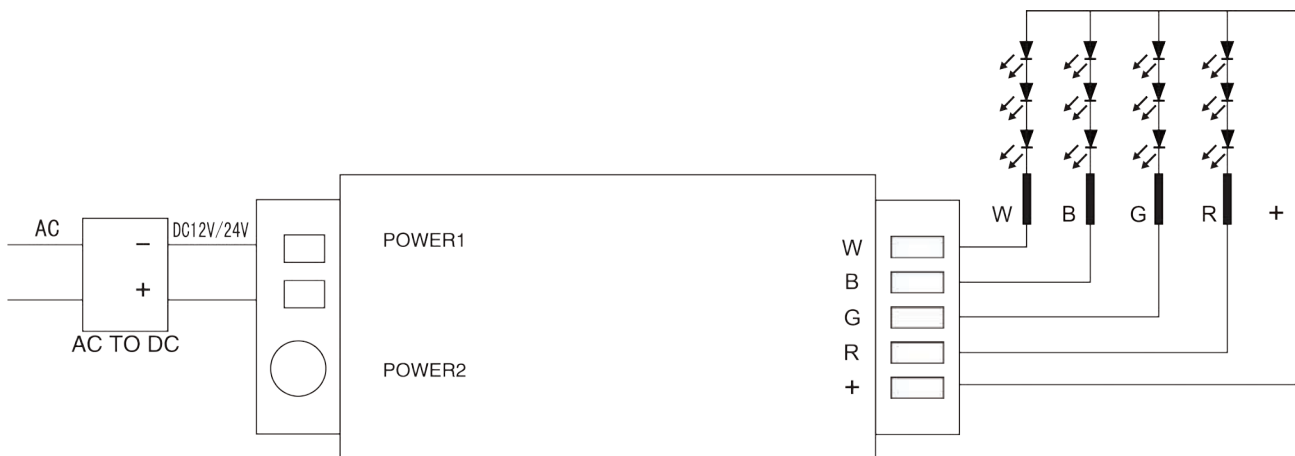
The kit (remote + controller) will stay in the original state after code clearing. It can only work when code rematching is done.

To clear the code, correctly connect the power supply, LED controller, and LED load. Switch OFF the power, then switch it ON again. Press and hold Key 5 (within 3 seconds) the moment you see the light is ON. The LED light will blink nine times swiftly when done correctly.

Attention:

1. The product for sale is a kit comprised of a remote and a controller. The user can re-program it freely as needed. One remote can control countless controllers, but one controller can only be controlled by a maximum of four remotes.
2. Please check the battery installation and controller (totally discharge the power), when you program after switching OFF and switching ON.

6. Connection



7. Attention

1. Please check whether the input voltage of that constant voltage power supply is in accordance with the controller. Please check the connection of both the cathode and anode, otherwise the controller will be broken.
2. DO NOT connect wires with the power ON. Only switch the power ON when the wires are properly connected to avoid a short circuit.
3. To improve the sensitivity of the touch ring, make sure your fingers are not on it when installing the batteries. Wait at least 3 seconds after the batteries have been installed before handling the remote. If the touch ring sensitivity is low, install a fresh set of batteries.
4. DO NOT use the controller in areas with lots of metal or strong electromagnetic waves as the remotes distance can be seriously affected.