

**Model number: MSUWRCC12**

**Product name: 2.4G 4 Zone touch button RGB Controller**

## *Product Specifications*

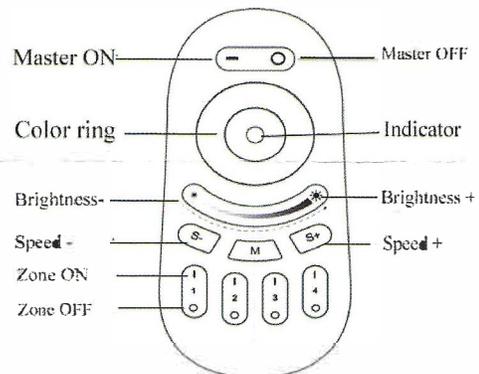
### **Product Description**

This 4 zone 2.4G RF RGB Controller is the touch button RF wireless remote controller, the most advanced PWM (pulse width modulation) control technology have been adopted. It can be installed & used easily, plenty modes can be selected, speed & brightness can be adjusted with the remote. It also has memory function because we inside the memory chip on the PCB. With all these high functions, we still make it so tiny, and make it more economical and practical. It's mainly used to control all kinds of constant voltage led lights



### **Remote Description**

Item	Description	remark
Work voltage	3V	AAA*2
Radio Frequency	2400-2483.5MHz	
Modulation	GFSK	
Transmit power	6db	
Standby power consumption	10uA	
Remote distance	20-30 meters	
Size	110*55*20mm	



Modes  
(Programs)

### **Direction for use**

#### **●Function introduction:**

- 1、 Use the 2.4G frequency RF remote control, no need to make the remote direct to the controller, and the RF remote can controlled it across obstacles.
- 2、 In the open area remote control distance is about 30 meters.
- 3、 Adopt the press key and touch wheel control remote, slightly touch the color wheel can adjust the light's brightness smoothly .

#### **● Operation method:**

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power;
2. Only the power button is effective in the OFF station, press the power button for the first time then controller will enter to the last mode before turn of the controller last time (memory off function).

3. Mode+/- can select the 8 modes as below:

**• Match code and clean code Instruction:**

For a new combination, the remote must to match code white the receiver then it can be used normally. Before match code, you must ensure the LED Controller, power supply and led light are connected correctly, then cut off the power ,and re-power it again.

**Match code:** Please press the “Group X(X=1,2,3,4) ON” Button for 2 seconds within 8 seconds when power the controller, then the output led light will flash for 3 times, this means the remote is match code with this receiver successfully, they can used normally.

**Clean code:** if want to change the light control group, can clean the code off. After cleaning code, the remote and receiver will be in the initial state. Operation method: Press the “Group X(X=1,2,3,4) OFF ” Button for 2 seconds within 8 seconds when power the controller, till the output light flash for 9 times, means clean code successfully.

**Remarks:** The regular product for sale is a kit (one remote and 1 receiver). The user can re-programmed freely as needed. One remote can control countless receivers, but one receiver can only be controlled by two remotes max.

No	Mode
1	7 color fade
2	White fade in and out
3	Red fade in and out + Green fade in and out + Blue fade in and out + white fade in and out
4	7 color jump
5	Red fade in and out+ jump flash 3 times
6	Green fade in and out+ jump flash 3 times
7	Blue fade in and out+ jump flash 3 times
8	Auto Cycle

**Typical Application**

**! Cautions**

- 1、 This products Input voltage is DC12V,other input voltage are not allowed.
- 2、 Lead wire should be connected correctly,according to the wire color and the connecting diagram offers.
- 3、 Overload are prohibited.
- 4、 In order to promote the touch sensitive of the color wheel, please don't touching the light adjusting color wheel when installing the battery to the remote .when using the remote, if sensitive are low, please remove the battery and re-install it again.
- 5、 Please do not used the controller around a wide range of mental area or do not used nearby strong electromagnetic wave area, otherwise, it will seriously affect the remote distance.

