

## 1. Features

Product adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. This product has auto-transmitting and auto-synchronizing function. Widely used on the controlling of hotel lighting and home lighting.

### RGB LED Controller



16 Millions of colors to choose



Remote control  
Control distance 30m



Mix Red, Green and Blue light to adjust color temperature



Smartphone app control  
(2.4GHz gateway is needed)



Dim brightness / Saturation



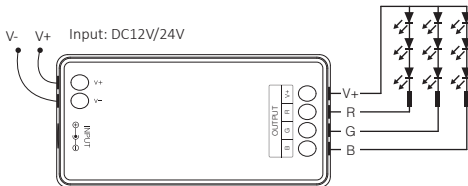
Support third party voice control  
(2.4GHz gateway is needed)



2.4G RF wireless transmission technology



Signal transmitting & Modes synchronization



## RGBW LED Controller



16 Millions of  
colors to choose



Dim brightness /  
Saturation / White mode



2.4G RF wireless  
transmission technology



Signal transmitting &  
Modes synchronization



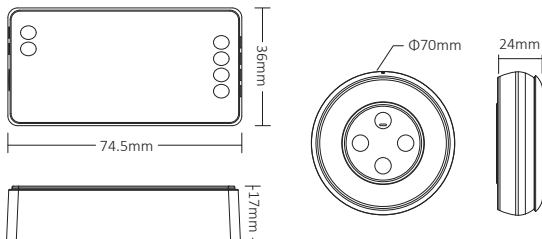
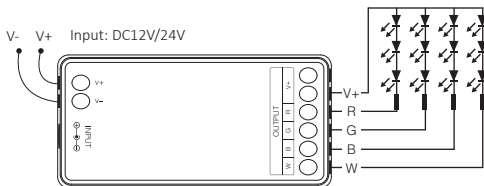
Remote control  
Control distance 30m



Smartphone app control  
(2.4GHz gateway is needed)

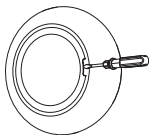


Support third party voice control  
(2.4GHz gateway is needed)



## Install The Battery For Remote

Note: 2\*AAA Battery need to buy separately



1. Open battery cover behind remote.

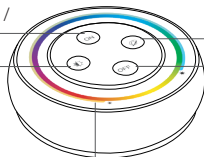


2. Install battery correctly and close battery cover.

## 2. Button Diagram

Turn on lights /  
Dynamic mode /  
Link / Unlink

Brightness /  
Saturation



RGB / Color temp.

Turn off lights

Touch ring:

brightness, saturation, color temperature, RGB use together.

(It turns to adjust brightness by default if remote is not operated for 3 seconds)

## 3. Remote Instruction

### • Adjust RGB

Short press  key twice in succession, and then touch  to adjust RGB.


### • Adjust color temperature

Short press  key once, then touch  to adjust color temperature.

### • Adjust saturation

Press  key twice in succession, and then touch  to adjust color saturation of lighting.

### • Adjust brightness

Short press  key once, then touch  to adjust brightness.

### • Dynamic mode switching

Long press  key until indicator light flashes twice, then

Short press  key to cycle switch.

(Note: it will exit automatically if no operation after 3 seconds)

## 4. Dynamic mode table

Number	Dynamic Mode	Brightness / Saturation
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

## 5. Signal transmitting

One light can transmit the signals from the remote control to another light within 30m, as long as there is a light within 30m, the remote control distance can be limitless.

## 6. Modes synchronization

Different lights can work synchronously when they are started at different times, light by the same remote, under same dynamic mode and within 30m distance.

 The same dynamic mode, the same speed can be synchronized.



Light

Signal transmitting &  
Modes synchronization



Distance 30m

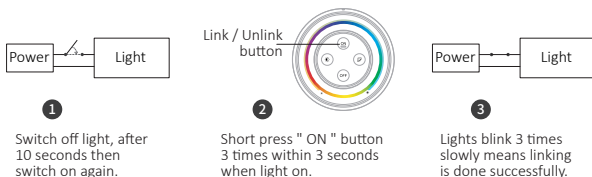
Light



## 7. Linking Code / Unlinking Code Instructions

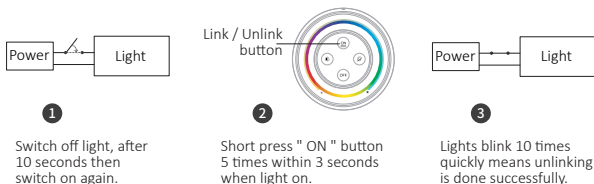
**Attention:** No need to match code since its already matched code in factory setting

### Linking Code Instructions



Linking failed if light is not blinking slowly, Please follow above steps again.  
(Note: Light that have linked can't link again)

### Unlinking Code Instructions



Unlinking failed if light is not blinking quickly, Please follow above steps again.  
(Note: Light haven't linked that don't need to unlink)

## 8. PWM high frequency / low frequency switching

**Switch to high frequency (8KHz):** on the condition of turning on the light

1. Short press the “OFF” button of the remote control once;
2. Short press the “ON” button 5 times within 3 seconds, the white light blink 2 times quickly, indicating successfully.

**Switch to low frequency (500Hz):** on the condition of turning off the light

1. Short press the “ON” button of the remote control once;
2. Short press the “OFF” button 5 times within 3 seconds, the white light blink 2 times slowly, indicating successfully.

## 9. Scan QR code to watch video instruction



Smartphone app control  
(WL-Box1 video)



Third party voice control

## 10. Attention

1. Please check whether the voltage of the power supply is in accordance with the light, and please check the connection of both the cathode and anode, otherwise the light will be broken.
2. Please don't connect wires with power on. Please turn on again only when it is in right connection and no short circuit.
3. Non-professional user cannot dismantle the lighting fixtures directly.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

Made in China



Light can not  
use in humid area