

# RF wireless Remote Controller

## Classy Series (R8,R8-1,R13,R18,R23)

CE ROHS



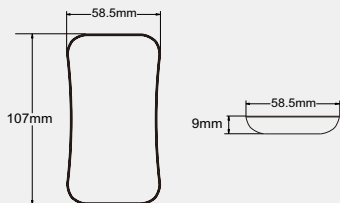
### Summary

- Match with our RGB/RGBW controllers or smart LED lamps.
- Single zone, four zone and eight zone version are available.
- Adopt 2.4GHz wireless technology, remote distance up to 30m.
- CR2032 button battery power supply.
- Operate with LED indicator light.
- Each remote can match one or more receiver.

### Technical Parameters

- Output signal: RF(2.4GHz)
- Working voltage : 3VDC(CR2032)
- Working current: <20mA
- Standby current: R8,R8-1: <10μA  
R13,R18,R23: <4μA
- Standby time: R8,R8-1: 6 months  
R13,R18,R23: 12 months
- Remote distance: 30m
- Working temperature: -30°C~55°C
- Dimension: L107×W58.5×H9mm
- Weight: 34g

### Dimension



### Match method

#### For controller with match key

- Match: Short press match key, within 5s, press any key of the remoter.
- Delete: Long press match key for 5s, delete all matched remoters.

#### For panel controller

- Match: Turn on light, turn off, immediately press on/off key for 5s, within 5s, press any key of the remoter.
- Delete: Turn on light, turn off, immediately press on/off key for 10s, delete all matched remoter.

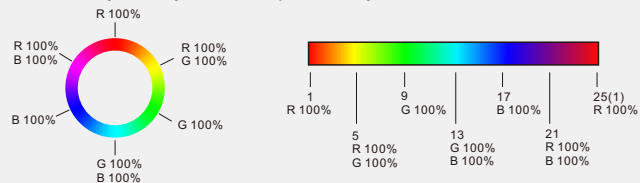
#### For smart lamp or controller without match key

- Match: Switch off the power, then switch on power again, short press on/off key 3 times on the remoter quickly within 5s after power on, the link is done once the light blinks 3 times.
- Delete: Switch off the power, then switch on power again, short press on/off key 5 times on the remoter quickly within 5s after power on, the unlink is done once the light blinks 5 times.

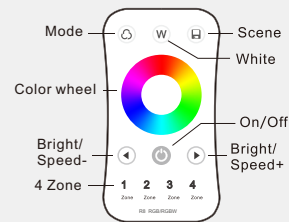
**Note:** 4/8 zone remoter must use zone key match each zone receiver.

### Key Function

Static RGB color adjustment by touch wheel or press color key



#### R8 4 zone RGB/RGBW remoter



**Note:** To extend battery life, no touch or press key operation after a few seconds, the touch wheel will enter sleep state, you need press any key to make touch wheel quit sleep state.

**On/Off:** Short press turn on/off current zone light, long press 2s turn off all zone light.

**1,2,3,4 zone:** Short press select and turn on zone light, long press 2s turn off zone light.

Continuous short press multiple zone key, can synchronous select multiple zone.

**Color wheel:** Touch to change current zone static RGB color.

**Mode:** Short press run the next RGB mode, long press 2s run mode cycle.

**Bright+/-:** Static color, adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.

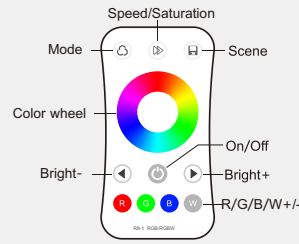
**Speed+/-:** Dynamic mode, adjust speed, short press 10 levels, long press 2s the fastest or slowest speed.

**W:** For RGB light, short press turn on/off white(RGB mix), long press 1-5s continuous 256 levels adjust saturation, can synchronous select multiple zone.

For RGBW light, short press turn on/off W channel, long press 1-5s continuous 256 levels adjust W brightness.

**Scene:** Short press run the scene, long press 2s save. 4 zone run or save synchronously.

#### R8-1 Single zone RGB/RGBW remoter



**Note:** Before the first use, please remove the insulating film on the battery.

**On/Off:** Turn on/off light.

**Color wheel:** Touch to change static RGB color.

**Mode:** Short press run the next mode, long press 2s run mode cycle.

**Speed/Saturation:** For dynamic mode, adjust speed, short press 10 levels, long press 2s the fastest speed.

For static color, adjust saturation, change current static color to mixed white slowly, short press 11 levels,

long press 1-5s continuous 256 levels adjustment.

**Bright+/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.

**R/G/B:** Adjust R/G/B brightness respectively, short press turn on/off,

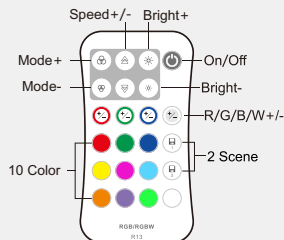
long press 1-5s continuous 256 levels adjustment.

**W+/-:** For RGB light, short press turn on/off white(RGB mix), long press 1-5s continuous 256 levels adjust saturation, namely change current static color to mixed white slowly.

For RGBW light, short press turn on/off W channel, long press 1-5s continuous 256 levels adjust W brightness.

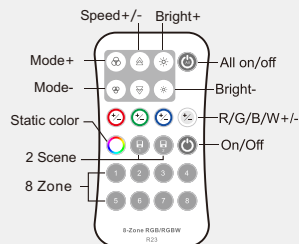
**Scene:** Short press run the scene, long press 2s save.

### R13 Single zone RGB/RGBW remoter



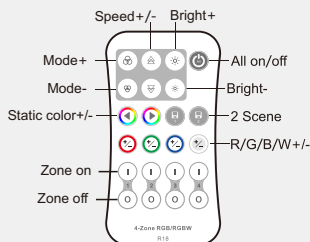
**On/Off:** Turn on/off light.  
**Mode +/-:** Short press switch RGB mode, long press mode+ 2s, run mode cycle, long press mode- 2s, run the first mode.  
**Speed +/-:** Dynamic mode, adjust speed, short press 10 levels, long press 2s the fastest/slowest speed.  
**Bright +/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.  
**R/G/B +/-:** Adjust R/G/B brightness respectively, short press turn on/off, long press 1-5s continuous 256 levels adjustment.  
**W +/-:** For RGB light, short press turn on/off white(RGB mix), long press 1-5s continuous 256 levels adjust saturation, namely change current static color to mixed white slowly. For RGBW light, short press turn on/off W channel, long press 1-5s continuous 256 levels adjust W brightness.  
**10 color:** Get 10 kinds static color directly.  
**2 Scene:** Short press run the scene, long press 2s save.

### R23 8 zone RGB/RGBW remoter



**All on/off:** Turn on/off all 8 zone light.  
**On/Off:** Turn on/off current one or multiple zone light.  
**1,2,3,4,5,6,7,8 zone:** Short press select and turn on zone light, long press 2s turn off zone light. Continuous short press multiple zone key, can synchronous select multiple zone.  
**Mode +/-:** Short press switch mode, long press mode+ 2s, run mode cycle, long press mode- 2s, run the first mode.  
**Speed +/-:** Dynamic mode, adjust speed, short press 10 levels, long press 2s the fastest/slowest speed.  
**Bright +/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.  
**Static color:** Short press get 24 kinds static RGB color, long press continuous static color adjustment.  
**R/G/B +/-:** Adjust R/G/B brightness respectively, short press turn on/off, long press 1-5s continuous 256 levels adjustment.  
**W +/-:** For RGB light, short press turn on/off white(RGB mix), long press 1-5s continuous 256 levels adjust saturation, namely change current static color to mixed white slowly. For RGBW light, short press turn on/off W channel, long press 1-5s continuous 256 levels adjust W brightness.  
**2 Scene:** Short press run the scene, long press 2s save. 8 zone run or save synchronously.

### R18 4 zone RGB/RGBW remoter



**All on/off:** Turn on/off all 4 zone light.  
**1,2,3,4 zone on/off:** Turn on/off zone light. at the same time, select current zone. Continuous short press multiple zone on key, can synchronous select multiple zone.  
**Mode +/-:** Short press switch RGB mode, long press mode+ 2s, run mode cycle, long press mode- 2s, run the first mode.  
**Speed +/-:** Dynamic mode, adjust speed, short press 10 levels, long press 2s the fastest/slowest speed.  
**Bright +/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.  
**Static color +/-:** Short press get 24 kinds static RGB color, long press continuous static color adjustment.  
**R/G/B +/-:** Adjust R/G/B brightness respectively, short press turn on/off, long press 1-5s continuous 256 levels adjustment.  
**W +/-:** For RGB light, short press turn on/off white(RGB mix), long press 1-5s continuous 256 levels adjust saturation, namely change current static color to mixed white slowly. For RGBW light, short press turn on/off W channel, long press 1-5s continuous 256 levels adjust W brightness.  
**2 Scene:** Short press run the scene, long press 2s save. 4 zone run or save synchronously.

## Malfunctions analysis & troubleshooting

Malfunctions	Causes	Troubleshooting
No response from the remoter	<ol style="list-style-type: none"> <li>1. The battery has no power.</li> <li>2. Beyond controllable distance.</li> <li>3. The controller did not match the remoter.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace battery.</li> <li>2. Reduce remote distance.</li> <li>3. re-match the remoter.</li> </ol>

## Safety & Warnings

1. When installing battery, pay attention to the battery positive and negative polarity.
2. When remote distance becomes smaller and insensitive, replace the battery.
3. A long time without the remote control, remove the battery.
4. Gently handle remoter, beware of falling.
5. This product is suitable for cleaning, drying, and suitable temperature.

## Warranty Agreement

1. 3-year warranty:
  - The warranty is for free repair or replacement and covers manufacturing faults only.
  - Do not include fees of on site maintenance and consumable parts.
2. Limited Warranty
  - Artificial damage caused by improper use, such as use inappropriate power supply, improper accessories, improper installation, did not follow the instructions, error using or negligence.
  - Any damages caused by force majeure, such as natural disaster, abnormal voltage.
  - The normal use of products caused by aging, wear and tear, but it does not affect the normal use.