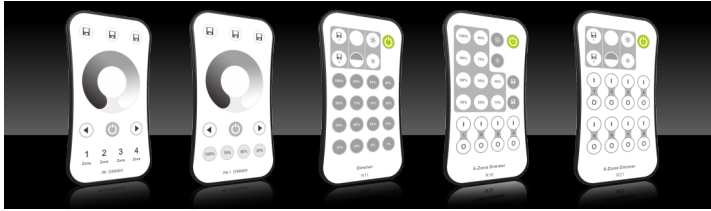


# RF wireless Remote Controller

## Classy Series (R6,R6-1,R11,R16,R21)

CE ROHS



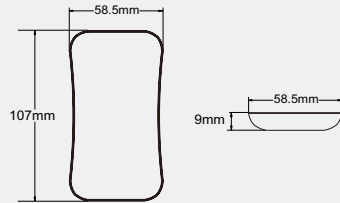
### Summary

- Match with our single color 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: R6,R6-1: < 10 $\mu$ A  
R11,R16,R21: < 4 $\mu$ A
- Standby time: R6,R6-1: 6 months  
R11,R16,R21: 12 months
- Remote distance: 30m
- Working temperature: -30 $^{\circ}$ C~55 $^{\circ}$ C
- Dimension: L 107 $\times$ W58.5 $\times$ 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.

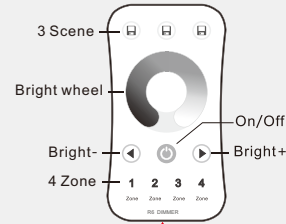
#### For smart lamp or controller without match key

- 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

#### R6 4 zone DIM remoter



- 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.
- Bright wheel:** Touch to change current zone brightness.
- Bright+/-:** Adjust brightness for current selected zone, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- 3 Scene:** Short press run the scene, long press 2s save. 4 zone run or save synchronously.

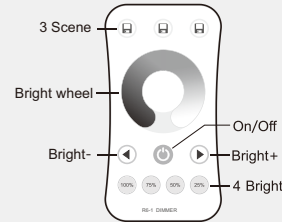
**Note:** Before the first use, please remove the insulating film on the battery.

#### R6 is default as 4 zone dimming remoter, also can be used as single zone 4 channel dimming remoter.

**On/Off + Zone4:** Long press 2s set as 4 channel dimming remoter, match with one receiver of 4 channel, such as V4 or C4 controller.

**On/Off + Zone1:** Long press 2s set as 4 zone dimming remoter, match with four receivers.

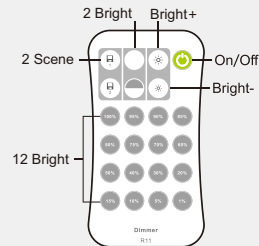
#### R6-1 Single zone DIM remoter



- On/Off:** Turn on/off light.
- Bright wheel:** Touch to change brightness.
- Bright+/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- 100%,75%,50%,25%:** Get 4 kinds brightness directly.
- 3 Scene:** Short press run the scene, long press 2s save.

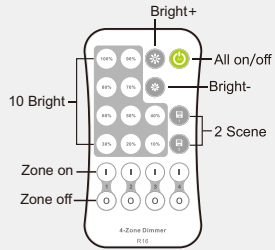
**Note:** To extend battery life, no touch or press key operation after a few seconds, the touch wheel will enter sleep state, you need press any key to make touch wheel quit sleep state.

#### R11 Single zone DIM remoter



- On/Off:** Turn on/off light.
- Bright+/-:** Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- 2 Bright:** Get 100% or 50% brightness directly.
- 12 Brightness:** Get 12 kinds brightness(1%-100%) directly.
- 2 Scene:** Short press run the scene, long press 2s save.

### R16 4 zone DIM 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.  
**Bright+/-:** Adjust brightness for current selected zone, short press 10 levels, long press 1-5s continuous 256 levels adjustment.  
**10 bright:** Get 10 kinds brightness (10%-100%) directly.  
**2 Scene:** Short press run the scene, long press 2s save. 4 zone run or save synchronously.

**R16 is default as 4 zone dimming remoter, also can be used as single zone 4 channel dimming remoter.**  
**All on/off + Zone4 on:** Long press 2s set as 4 channel dimming remoter, match with one receiver of 4 channel, such as V4 or C4 controller.  
**All on/off + Zone1 on:** Long press 2s set as 4 zone dimming remoter, match with four receivers.

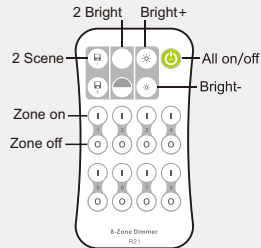
### Safety & Warnings

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.

### R21 8 zone DIM remoter



**All on/off:** Turn on/off all 8 zone light.  
**1,2,3,4,5,6,7,8 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.  
**Bright+/-:** Adjust brightness for current selected zone, short press 10 levels, long press 1-5s continuous 256 levels adjustment.  
**2 Scene:** Short press run the scene, long press 2s save. 8 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>