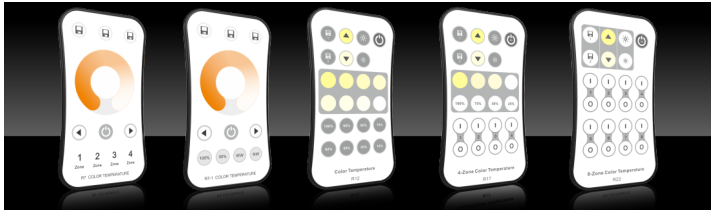# RF wireless Remote Controller
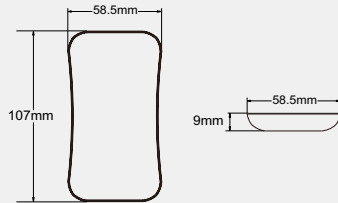## Classy Series (R7,R7-1,R12,R17,R22)

CE ROHS

Summary
● Match with our dual 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: R7,R7-1: < 10μA
　　　　　　　　　R12,R17,R22: < 4μA
● Standby time: R7,R7-1: 6 months
　　　　　　　　R12,R17,R22:12 months
● Remote distance: 30m
● Working temperature: -30℃~55℃
● Dimension: L107×W58.5×H9mm
● Weight: 34g

Dimension

58.5mm

107mm

58.5mm

9mm

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.
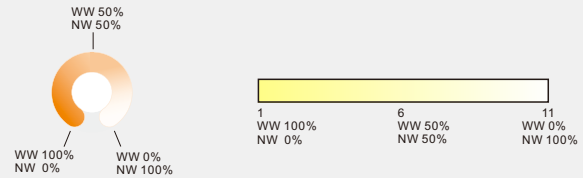
For smart lamp or controller without match key
● Match: Switch off the power, then switch on power again,
　　　　　short press on/off key 3 times on the remoter quickly within 5s after power on,
　　　　　the link is done once the light blinks 3 times.
● Delete: Switch off the power, then switch on power again,
　　　　　short press on/off key 5 times on the remoter quickly within 5s after power on,
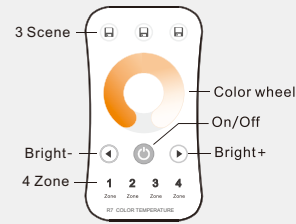　　　　　the unlink is done once the light blinks 5 times.

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

Key Function

Color temperature adjustment by touch color wheel or press color temperature +/- key

WW 50%
NW 50%

WW 100%
NW 0%

WW 0%
NW 100%

1	6	11
WW 100%	WW 50%	WW 0%
NW 0%	NW 50%	NW 100%

R7 4 zone CCT remoter

3 Scene

Color wheel
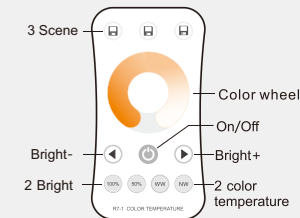
On/Off

Bright-

Bright+

4 Zone

R7 COLOR TEMPERATURE

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 color temperature.
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.

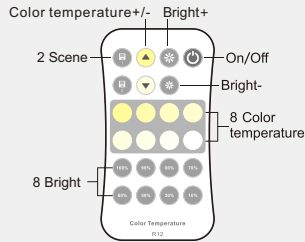Note:Before the first use, please remove the insulating film on the battery.

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.

R7-1 Single zone CCT remoter

3 Scene

Color wheel

On/Off

Bright-

Bright+

2 Bright

2 color temperature

R7-1 COLOR TEMPERATURE

On/Off: Turn on/off light.
Color wheel: Touch to change color temperature.
Bright+/-: Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
100%,50%: Get 100% or 50% brightness directly.
WW: Get warm white directly.
NW: Get cold white directly.
3 Scene: Short press run the scene, long press 2s save.

Color temperature+/-　Bright+

2 Scene

On/Off

Bright-

8 Color temperature

8 Bright

Color Temperature
R12

On/Off: Turn on/off light.
Color temperature+/-: Adjust color temperature,
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.
8 color temperature: Get 8 kinds color temperature directly.
8 bright: Get 8 kinds brightness directly.
2 Scene: Short press run the scene, long press 2s save.

R17　4 zone CCT remoter

Color temperature+/-　Bright+

2 Scene

4 Color temperature

4 Bright

Zone on

Zone off

All on/off

Bright-

4-Zone Color Temperature
R17

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.
Color temperature+/-:
Adjust color temperature for current selected zone,
short press 11 levels.
long press 1-5s continuous 256 levels adjustment.
Bright+/-: Adjust brightness for current selected zone,
short press 10 levels,
long press 1-5s continuous 256 levels adjustment.
4 color temperature: Get 4 kinds color temperature directly.
4 bright: Get 4 kinds brightness directly.
2 Scene: Short press run the scene, long press 2s save.
4 zone run or save synchronously.

R22　8 zone CCT remoter

Color temperature+/-　Bright+

2 Scene

Zone on

Zone off

All on/off

Bright-

8-Zone Color Temperature
R22

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.
Color temperature+/-:
Adjust color temperature for current selected zone,
short press 11 levels.
long press 1-5s continuous 256 levels adjustment.
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

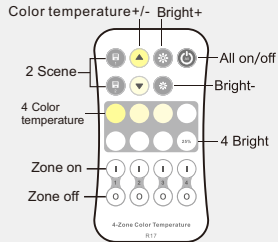| Malfunctions	Causes	Troubleshooting
No response from the remoter	1. The battery has no power. 2. Beyond controllable distance. 3. The controller did not match the remoter.	1. Replace battery. 2. Reduce remote distance. 3. re-match the remoter.

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.
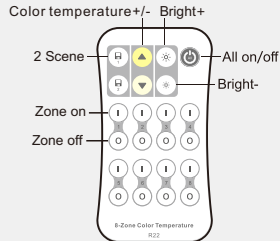
Warranty Agreement

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.