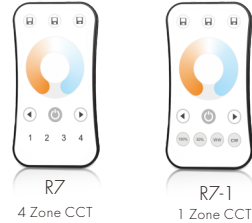# Ultrathin Touch Wheel RF Remote Controller

## Model No.: R7/R7-1

1 and 4 zone dual white/Touch color wheel/Wireless remote 30m distance/CR2032 battery

## Features

● Apply to dual color LED controller.
● Ultra sensitive color adjustment touch wheel.
● Each remote can match one or more receiver.
● CR2032 battery powered.
● Operate with LED indicator light.



**R7**
4 Zone CCT

**R7-1**
1 Zone CCT

CE RoHS emc LVD RED

## Technical Parameters

### Input and Output

| Output signal | RF(2.4GHz) |
|---|---|
| Working voltage | 3VDC(CR2032) |
| Working current | < 5mA |
| Standby current | < 10μA |
| Standby time | 1 year |
| Remote distance | 30m(Barrier-free space) |

### Environment

| Operation temperature | Ta: -30℃ ~ +55℃ |
|---|---|
| IP rating | IP20 |

### Safety and EMC

| EMC standard (EMC) | EN55015,EN61547 |
|---|---|
| Safety standard(LVD) | EN61347,EN62493 |
| Radio Equipment(RED) | EN300 440,EN50663,EN301 489 |
| Certification(CE-RED) | Safety+EMC+RF |

### Warranty

| Warranty | 5 years |
|---|---|

### Weight

| Net weight | 0.037kg |
|---|---|
| Gross weight | 0.062kg |

## Mechanical Structures and Installations
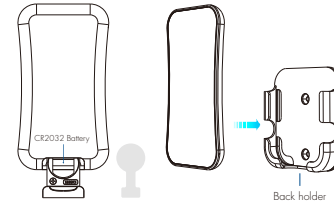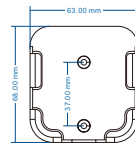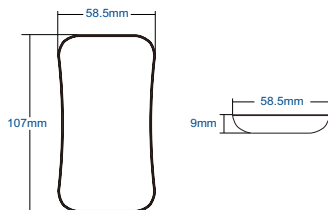


**Note:** Before the first use, please remove the protective film on the battery.

Back holder

To fix the remote, two options are offered for selection:
Option 1:
fix the remote' back holder on the wall with two screws.
Option 2:
adhere the remote' back holder to the wall with paster.

**Note:** If the LED indicator is not on when press key, it is due to dead battery or bad contact caused by multiple plugging, please replace the battery, or raise the battery shrapnel with a screwdriver.



## Operation

● When light is on, touch the color wheel, the indicator will display red.
● 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.

## Match Remote Control (two match ways)

End user can choose the suitable match/delete ways. Two options are offered for selection:

### Use the controller's Match key

Match:
Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote.
The LED indicator fast flash a few times means match is successful.

Delete:
Press and hold match key for 5s to delete all match, The LED indicator fast flash a few times means all matched remotes were deleted.
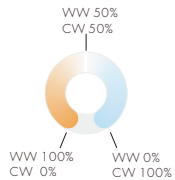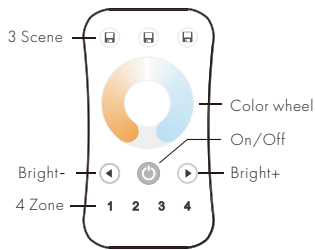
### Use Power Restart

Match:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.
The light blinks 3 times means match is successful.

Delete:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.
The light blinks 5 times means all matched remotes were deleted.

## Key function

● R7　4 zone CCT remote

3 Scene

Color wheel
On/Off
Bright-　　Bright+
4 Zone　　1　2　3　4

WW 50%
CW 50%

WW 100%　WW 0%
CW 0%　　CW 100%

| Color | WW/CW value | |
|---|---|---|
| Warm white | WW100% | CW0% |
| Neutral white | WW50% | CW50% |
| Cool white | WW0% | CW100% |

**On/Off:** Short press turn on/off all zone light.

**1,2,3,4 zone:** Short press select and turn on zone light, long press 2s turn off zone light.
Short press multiple zone key fastly, will synchronous select multiple zone synchronously.

**Color wheel:** Touch to change current zone color temperature.

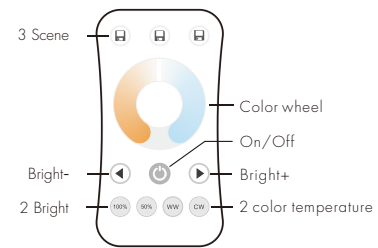**Bright+/-:** Adjust brightness for current selected zone,
short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

**3 Scene:** Short press recall the scene, long press 2s save the current color into the scene.
the LED indicator will light up longer when save OK.
4 zone recall or save synchronously.

● R7-1　1 zone CCT remote

3 Scene

Color wheel
On/Off
Bright-　　Bright+
2 Bright　100%　50%　WW　CW　　2 color temperature

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

**Color wheel:** Touch to change color temperature.

**Bright+/-:** Adjust brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

**100%,50%:** Get 100% or 50% brightness directly.

**WW:** Get warm white directly.

**NW:** Get cool white directly.

**3 Scene:** Short press recall the scene, long press 2s save the current color into the scene.
the LED indicator will light up longer when save OK.

## Safety information

1. Read all instructions carefully before you begin this installation.
2. When installing battery, pay attention to the battery positive and negative polarity.
   A long time without the remote control, remove the battery.
   When remote distance becomes smaller and insensitive, replace the battery.
3. If no response from the receiver, please re-match the remote.
4. Gently handle remote, beware of falling.
5. For indoor and dry location use only.