

# User Guide

## RF Remote Controller

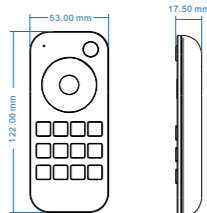
### Summary

- Apply to single color, dual color, RGB, RGBW or RGB+CCT LED controller or smart lamp.
- Ultra sensitive color adjustment touch wheel.
- Adopt 2.4GHz wireless technology, remote distance up to 30m.
- Each remote can match one or more receiver.
- Battery powered (2 x AAA).
- Operate with LED indicator light.

### Technical parameter

- Output signal: RF(2.4GHz)
- Working voltage: 3VDC(AAA\*2pcs)
- Working current: <20mA
- Standby current: <10μA
- Standby time: 12 months
- Remote distance: 30m
- Working temperature: -30°C~55°C
- Dimension: L122×W53×H17.5mm
- Weight: 60g

### Dimension



### Operation

- When turn on light, the indicator display blue. when turn off light, the indicator display red.
- When touch the color wheel, the indicator will display the same color.
- When press or touch operation is invalid (If the light is off), the indicator 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 guide

Remote match with 2.4G RF controller, dimming driver, smart lamp and panel controller.

#### Match with controller(with match key)

1. Match: Short press match key, within 5s, press on/off key or zone key of the remote.
2. Delete: Long press match key for 5s, delete all matched remote.
3. Multiple zone remote only use zone key to match each zone receiver.

#### Match with controller(without match key), dimming driver or smart lamp

1. Match: Switch off the power, then switch on power again, short press on/off key or zone key 3 times on the remote quickly within 5s after power on, the link is done once the light blinks 3 times.
2. Delete: Switch off the power, then switch on power again, short press on/off key or zone key 5 times on the remote quickly within 5s after power on, the unlink is done once the light blinks 5 times.
3. Multiple zone remote only use zone key to match each zone receiver.

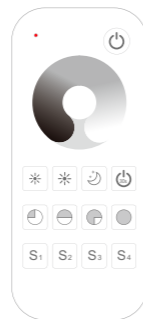
#### Match with panel controller

1. Match: Turn on light, turn off, immediately press on/off key for 5s, within 5s, press on/off key or zone key of the remote.
2. Delete: Turn on light, turn off, immediately press on/off key for 10s, delete all matched remote.
3. Multiple zone remote only use zone key to match each zone receiver.

### Remote list view

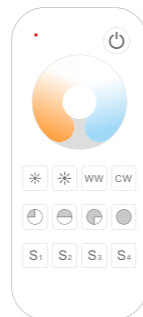
According to silk print icon, find out remote type.

#### RT1 1 zone dimming remote



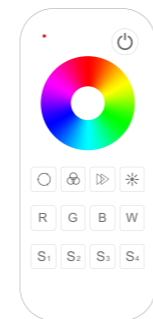
- : Turn on/off light.
- : Touch to change brightness.
- : Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- : Small night brightness (10%).
- : Turn off light after 30s.
- : 25%, 50%, 75%, 100% brightness.
- : Short press run the scene, long press 2s save.

#### RT2 1 zone CCT remote



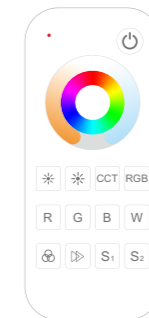
- : Turn on/off light.
- : Touch to change color temperature.
- : Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- : Adjust color temperature, short press 11 levels, long press 1-5s continuous 256 levels adjustment.
- : 25%, 50%, 75%, 100% brightness.
- : Short press run the scene, long press 2s save.

#### RT4 1 zone RGB/RGBW remote



- : Turn on/off light.
- : Touch to change static RGB color.
- : Short press get 24 kinds static RGB color, long press continuous static color adjustment.
- : Short press run next RGB mode, long press 2s run mode-cycle.
- : For dynamic RGB mode, adjust mode speed, short press 10 levels, long press 2s the default speed. For static RGB color, adjust saturation, namely change current static color to mixed white slowly, short press 11 levels, long press 1-5s continuous 256 levels adjustment.
- : Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- : Adjust R/G/B brightness, short press turn on/off R/G/B channel, long press 1-5s continuous 256 levels adjustment.
- : 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.
- : Short press run the scene, long press 2s save.

#### RT5 1 zone RGB+CCT remote



- RT5 is default as RGB+CCT remote, also can be used as RGB or RGBW remote, it use mixed R/G/B to adjust color temperature.
- : Long press 2s set as **RGB+CCT** remote.
- : Long press 2s set as **RGB** remote.
- : Long press 2s set as **RGBW** remote.
- When remote type change OK, the green indicator go on a long time.
- : Turn on/off light.
- : Touch to change RGB color or color temperature. Press RGB or CCT key to switch between RGB wheel and CCT wheel.
- : Adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment.
- : For RGB+CCT(WW/NW) lamp, adjust color temperature by WW/NW channel, short press 11 levels, long press 2s get max or min color temperature.

1	6	11
Warm White	Natural White	Cool White
WW 100%	WW 50%	WW 0%
NW 0%	NW 50%	NW 100%

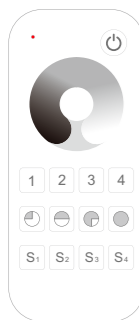
For RGB or RGBW lamp, adjust color temperature by mix R/G/B channel, 11 levels.

1	6	11
Warm White	Natural White	Cool White
R 100%	R 100%	R 0%
G 50%	G 100%	G 50%
B 0%	B 100%	B 100%

1	6	11
Warm White	Natural White	Cool White
R 100%	R 100%	R 0%
G 50%	G 100%	G 50%
B 0%	B 100%	B 100%

- : Short press run next RGB mode, long press 2s run mode-cycle.
- : For dynamic RGB mode, adjust mode speed, short press 10 levels, long press 2s the default speed. For static RGB color, adjust saturation, namely change current static color to mixed white slowly, short press 11 levels, long press 1-5s continuous 256 levels adjustment.
- : Adjust R/G/B brightness, short press turn on/off R/G/B channel, long press 1-5s continuous 256 levels adjustment.
- : 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.
- : Short press run the scene, long press 2s save.

## RT6 4 zone dimming remote



RT6 is default as 4 zone dimming remote, also can be used as single zone 4 channel dimming remote.

+ : Long press 2s set as 4 channel dimming remote, match with one receiver of 4 channel, such as V4 or C4 controller.

+ : Long press 2s set as 4 zone dimming remote, match with four dimming receivers. When remote type change OK, the green indicator go on a long time.

: Short press turn on/off all zone light.

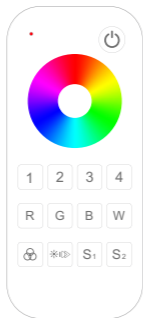
: Touch to change current zone brightness.

: 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.

: 25%, 50%, 75%, 100% brightness for current selected zone.

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

## RT9 4 zone RGB/RGBW remote



: Short press turn on/off all zone light.

: Touch to change current zone static RGB color.

: 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.

: Adjust R/G/B brightness, short press turn on/off R/G/B channel, long press 1-5s continuous 256 levels adjustment.

: 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.

: Adjust mode for current selected zone, short press run next RGB mode, long press 2s run mode-cycle.

: For static color, adjust brightness, short press 10 levels, long press 1-5s continuous 256 levels adjustment. For dynamic mode, adjust speed, short press 10 levels, long press 2s the default speed.

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

## RT7 4 zone CCT remote



: Short press turn on/off all zone light.

: Touch to change current zone color temperature.

: 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.

: Adjust brightness for current selected zone, short press 10 levels, long press 1-5s continuous 256 levels adjustment.

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

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

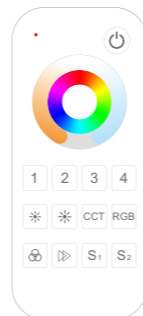
Each zone also can match single color controller or lamp. At this time, touch wheel will adjust brightness.

+ : Single color

+ : Dual color

For example, long press + key for 2s will set zone 1 as single color light type. When remote type change OK, the green indicator go on a long time.

## RT10 4 zone universal remote



Each zone can match single color, dual color(WW/NW), RGB, RGBW, or RGB+CCT(WW/NW) controller or lamp.

+ : Single color

+ : Dual color(WW/NW)

+ : RGB

+ : RGBW

+ : RGB+CCT

For example, long press + key for 2s will set zone 1 as RGB light type. When remote type change OK, the green indicator go on a long time.

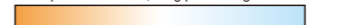
: Short press turn on/off all zone light.

: Touch to change current zone RGB color or color temperature. Press RGB or CCT key to switch between RGB wheel and CCT wheel.

: Short press select and turn on zone light, long press 2s turn off zone light.

: Adjust brightness, short press 10 levels, long press 2s get min or max brightness.

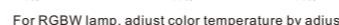
: For dual color or RGB+CCT(WW/NW) lamp, adjust color temperature by WW/NW channel, short press 11 levels, long press 2s get max or min color temperature.



For RGB lamp, adjust color temperature by mix R/G/B channel, 11 levels.



For RGBW lamp, adjust color temperature by adjust W channel brightness, 11 levels.



: Short press get 24 kinds static RGB color.



: Short press run next RGB mode, long press 2s run mode-cycle.

: For dynamic RGB mode, adjust mode speed, short press 10 levels, long press 2s the default speed. For static RGB color, adjust saturation, namely change current static color to mixed white slowly, short press 11 levels, long press 1-5s continuous 256 levels adjustment.

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

## 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.

## Model table

Model	Name	Application
RT1	1 zone dimming remote	1 zone single color
RT2	1 zone CCT remote	1 zone dual color
RT4	1 zone RGB/RGBW remote	1 zone RGB/RGBW color
RT5	1 zone RGB+CCT remote 1 zone RGB remote 1 zone RGBW remote	1 zone RGB+CCT five color 1 zone RGB three color 1 zone RGBW four color
RT6	4 zone dimming remote 4 channel dimming remote	4 zone single color
RT7	4 zone CCT remote	4 zone dual color or single color
RT9	4 zone RGB/RGBW remote	4 zone RGB/RGBW color
RT10	4 zone universal remote	4 zone different color, each zone can be single color, dual color, RGB, RGBW or RGB+CCT color.