

# Touch Wheel RF Remote Controller

RT5, RT10 Touch Wheel RF Remote Controller

Model No.: RT5/RT10

1 and 4 zone RGB+CCT/Touch color wheel/Wireless remote 30m distance/AAAx2 battery/Magnet stuck fix



RT5  
1 Zone RGB+CCT



RT10  
4 Zone RGB+CCT

## Features

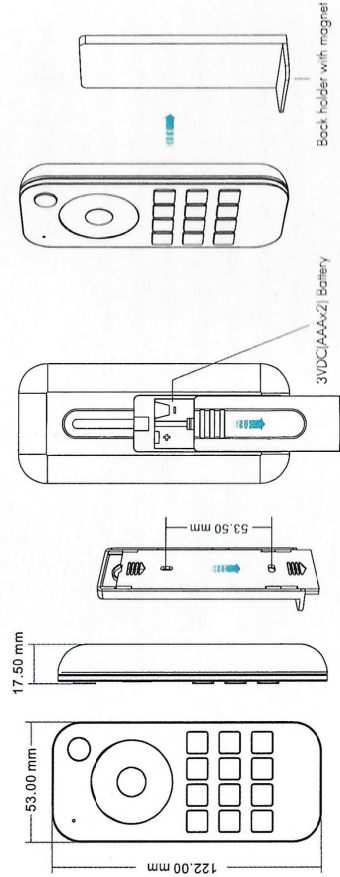
- Apply to RGB+CCT LED controller.
- Ultra sensitive color adjustment touch wheel.
- Each remote can match one or more receiver.
- AAAx2 battery powered.
- Operate with LED indicator light.
- Magnet on the back which can be stuck on back holder.

CE RoHS LVD RED

## Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(AAAx2)
Working current	< 5mA
Standby current	< 10µA
Standby time	1 year
Remote distance	30m(Barrier-free space)
Environment	
Operation temperature	Ta: -30°C ~ +55°C
IP rating	IP20
Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(IVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RE)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED
Warranty	
Warranty	5 years
Weight	
Net weight	48g
Gross weight	88g

## Mechanical Structures and Installations



## To fix the remote, three options are offered for selection:

- Option 1: stuck the remote on any metal surfaces directly.
- Option 2: fix the remote's back holder on the wall with two screws.
- Option 3: adhere the remote's back holder to the wall with pasteur.

## 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 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) of 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, repeat 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, repeat 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

- RT5 1 zone RGB+CCT remote



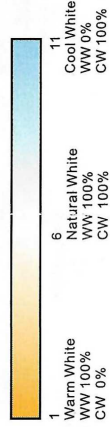
: Turn on/off light.

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

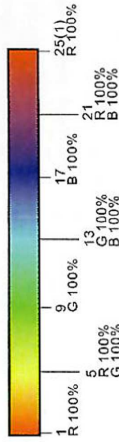
: Adjust RGB or color temperature brightness.

short press 10 levels, long press 1-0s for continuous 256 levels adjustment.

: Adjust color temperature by WW/CW channel, short press 11 levels, long press adjust WW+CW brightness continuously.



**RGB** : Short press get 24 kinds static RGB color.



- : Short press run next dynamic mode, long press 2s run mode/cycle.
- : For dynamic RGB mode, adjust speed, short press 10 levels, long press 2s get the default speed.
- : For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly, short press 11 levels, long press 1-6s for continuous 256 levels adjustment.
- : Short press get red, green or blue color directly, long press 1-6s to adjust R/G/B brightness continuously to achieve millions of colors.
- : Short press turn on/off white(WW/CW), long press 1-6s to adjust white(WW+CW) brightness continuously, namely change saturation by adding white color slowly.
- : Short press recall the scene, long press 2s save current color into S1/S2, the LED indicator display green when save OK.

• RT10 4 zone RGB+CCT remote

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

- : Single color
- : Dual color(WW/CW)
- : RGB
- : RGBW
- : RGB+CCT

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

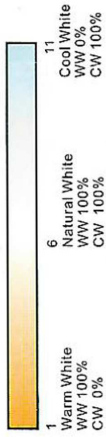
: Short press turn on/off all zone light.

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

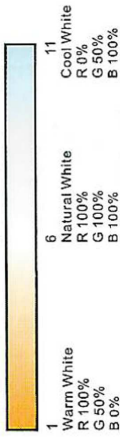
: Short press select and turn on zone light, long press 2s turn off zone light.

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

**CCT** : For dual color or RGB+CCT(WW/CW), adjust color temperature by WW/CW channel, short press 11 levels, long press adjust WW+CW brightness continuously.



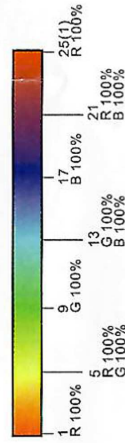
For RGB, adjust color temperature by mix R/G/B channel, 11 levels.



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



**RGB** : Short press get 24 kinds static RGB color.



- : Short press run next dynamic mode, long press 2s run mode/cycle.
- : For dynamic RGB mode, adjust speed, short press 10 levels, long press 2s get the default speed.
- : For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly, short press 11 levels, long press 1-6s for continuous 256 levels adjustment.
- : Short press recall the scene, long press 2s save current state into S1/S2, the LED indicator display green when save OK.
- : 4 zone recall 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.