Ultrathin Touch Wheel RF Remote Controller

Model No.: R17/R8-5

1 and 4 zone RGB+CCT/Touch color wheel/Wireless remote 30m distance/CR2032 battery

R17
1 Zone RGB+CCT

R8-5
4 Zone RGB+CCT

CE RoHS emc LVD RED

Features

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

Technical Parameters

Input and Output

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

Warranty	
Warranty	5 years

Safety and EMC

Safety and EMC	
EMC standard (EMC)	EN301 489,EN 62479
Safety standard(LVD)	EN60950
Radio Equipment(RED)	EN300 328
Certification	CE,EMC,LVD,RED

Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc:+85°C
IP rating	IP20

Mechanical Structures and Installations

58.5mm
107mm
9mm
58.5mm
63.00mm

CR2032 Battery

Back holder

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

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.

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) of the remote.

Delete:
Press and hold match key for 5s to delete all match, The light blinks 5 times means all matched remotes were deleted.
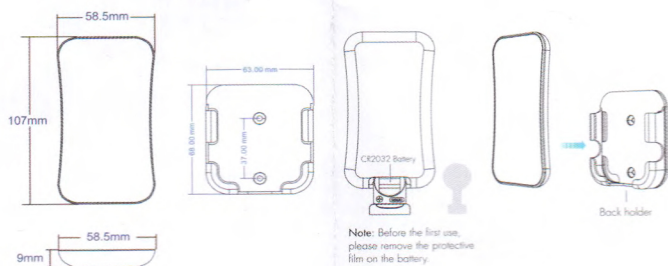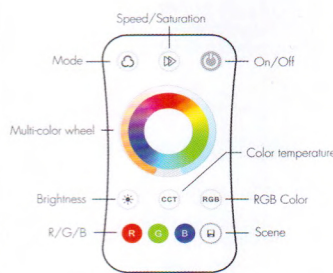
Use Power Restart

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

● R17 1 zone RGB+CCT remote

Speed/Saturation
Mode
On/Off
Multi-color wheel
Color temperature
Brightness
RGB Color
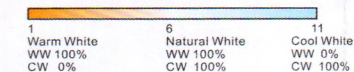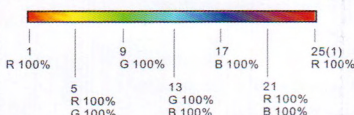R/G/B
Scene

On/Off: Short press turn on/off light.

Mode: Switch dynamic mode, short press run the next mode, long press 2s run mode cycle.

Speed/Saturation:
For dynamic mode, adjust mode speed,
short press 10 levels, long press 2s get the default speed.
For static RGB color, adjust saturation,
namely change current static color to mixed white slowly,
short press 11 levels,
long press 1-6s for continuous 256 levels adjustment.

Brightness: Adjust brightness, short press 11 levels,
long press 2s get max or min brightness.
at the same time, multi-color wheel become brightness wheel.

CCT: Adjust color temperature, short press 11 levels, long press adjust WW+CW brightness.
at the same time, multi-color wheel become color temperature wheel.
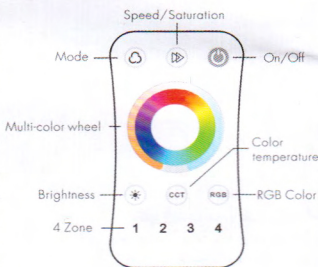Adjust color temperature by WW/CW channel.

1 Warm White WW 100% CW 0%	6 Natural White WW 100% CW 100%	11 Cool White WW 0% CW 100%

RGB: Adjust static RGB color, short press get 24 kinds static color.
at the same time, multi-color wheel become RGB color wheel.

1 R 100%		9 G 100%		17 B 100%		25(1) R 100%
	5 R 100% G 100%		13 G 100% B 100%		21 R 100% B 100%	

R/G/B: Short press get red, green or blue color directly.
long press 1-6s adjust R/G/B brightness continuously to achieve millions of colors.
Scene: Short press recall the scene, long press 2s save the current color into scene.

● R8-5 4 zone RGB+CCT remote

Speed/Saturation
Mode
On/Off
Multi-color wheel
Color temperature
Brightness
RGB Color
4 Zone 1 2 3 4

R8-5 can also be used as four zone universal remote, each zone can match single color, dual color(WW/CW), RGB, RGBW or RGB+WW/CW controller.

Zone 1/2/3/4 + ☀ : Single color
Zone 1/2/3/4 + CCT : Dual color(WW/CW)
Zone 1/2/3/4 + RGB : RGB
Zone 1/2/3/4 + ○ : RGBW
Zone 1/2/3/4 + ▷ : RGB+WW/CW

For example, long press ① and RGB key for 2s will set zone 1 as RGB light type.
When remote light type set ok,
the red indicator will light on longer.

On/Off: Turn on/off all four zone light.
1,2,3,4 Zone: Short press turn on zone light, at the same time, select current zone.
Long press 2s turn off zone light.
Mode: Switch dynamic mode, short press run the next mode, long press 2s run mode cycle.
Speed/Saturation:
For dynamic mode, adjust mode 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.
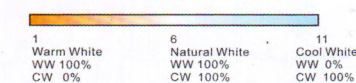
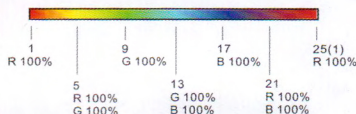| 1 Pure color	11 White Color

Brightness: Adjust brightness, short press 11 levels, long press 2s get max or min brightness.
at the same time, multi-color wheel become brightness wheel.

CCT: Adjust color temperature, short press 11 levels, long press adjust WW+CW brightness.
at the same time, multi-color wheel become color temperature wheel.
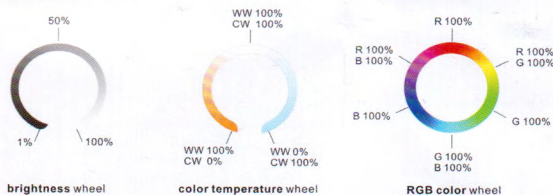Adjust color temperature by WW/CW channel.

1 Warm White WW 100% CW 0%	6 Natural White WW 100% CW 100%	11 Cool White WW 0% CW 100%

RGB: Adjust static RGB color, short press get 24 kinds static color.
at the same time, multi-color wheel become RGB color wheel.

1 R 100%		9 G 100%		17 B 100%		25(1) R 100%
	5 R 100% G 100%		13 G 100% B 100%		21 R 100% B 100%	

Multi-color wheel:
When it is brightness wheel, touch to change brightness.
When it is color temperature wheel, touch to change color temperature.
When it is RGB color wheel, touch to change RGB color.

50%
1%
100%
brightness wheel

WW 100% CW 100%
WW 100% CW 0%
WW 0% CW 100%
color temperature wheel

R 100%
R 100% B 100%
R 100% G 100%
B 100%
G 100%
B 100%
G 100% B 100%
G 100%
RGB color wheel

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.