Touch Wheel RF Remote Controller

Model No.: RT4/RT9

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

RT4
1 Zone RGB/RGBW

RT9
4 Zone RGB/RGBW

CE **RoHS** emc LVD RED

Features

- Apply to RGB or RGBW LED controller.
- Ultra sensitive color adjustment touch wheel.
- Independent dimming function of each R, G, B, W channel to achieve millions of colors.
- 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.

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

Warranty

Warranty	5 years

Weight

Net weight	0.048kg
Gross weight	0.088kg

Mechanical Structures and Installations

53.00 mm　17.50 mm　122.00 mm　53.50 mm

3VDC(AAAx2) Battery　Back holder with magnet
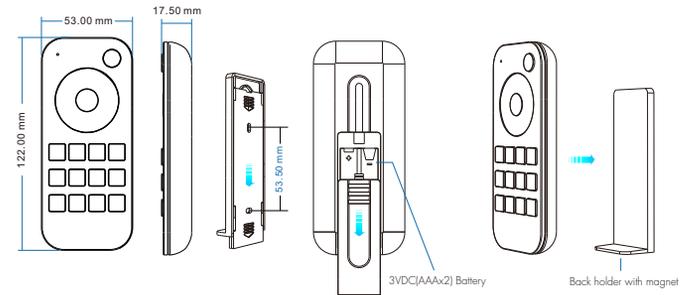
To fix the remote, three options are offered for selection:

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

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 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

● 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 for continuous static color adjustment.

1	9	17	25(1)
R 100%	G 100%	B 100%	R 100%

5	13	21
R 100%	G 100%	R 100%
G 100%	B 100%	B 100%
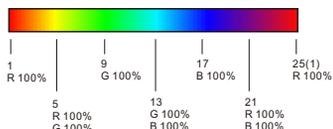
: Short press run next dynamic mode, long press 2s run mode-cycle.

: 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.

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

R G B : 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.

W : For RGB light, short press turn on/off white(RGB mix),
  long press 1-6s to adjust saturation continuously,
  namely change current static color to mixed white slowly.
  For RGBW light, short press turn on/off W channel,
  long press 1-6s to adjust W brightness continuously,
  namely change saturation by add white color slowly.

S₁ S₂ S₃ S₄ : Short press recall the scene, long press 2s save current color into S1/2/3/4.
  the LED indicator display green when save OK.

● RT9 4 zone RGB/RGBW remote

: Short press turn on/off all zone light.

: Touch to change current zone static RGB color.

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

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.

W : For RGB light, short press turn on/off white(RGB mix),
  long press 1-6s adjust saturation continuously,
  namely change current static RGB color to mixed white slowly.
  For RGBW light, short press turn on/off W channel,
  long press 1-6s adjust W brightness continuously,
  namely change saturation by add white color slowly.

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

: For static color, adjust brightness,
  short press 10 levels,
  long press 1-6s for continuous 256 levels adjustment.
  For dynamic mode, adjust speed,
  short press 10 levels, long press 2s get the default speed.

S₁ S₂ : 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.