RW01

RGB/RGBW Touch Wheel RF Remote Controller

RGBW

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.

c UL us LISTED [LED CONTROLLER] E543518 FC CE RoHS

The certification icon represents undergoing cetification applications only, and final certification qualification subject to actual product.
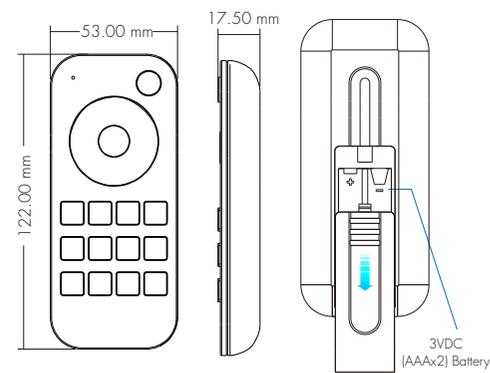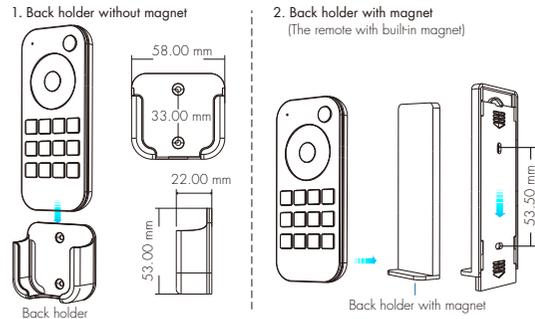
RW01
4 Zone RGB/RGBW

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

Package

Size	L140 x W60 x H26mm
Gross weight	0.088kg

Warranty

Warranty	5 years

Safety and EMC

EMC standard	EN IEC 55015/ EN IEC 61547 ETSI EN 301 489-1/-3
Safety standard	EN 61347-1/-2 EN 62493
Radio Equipment	ETSI EN 300 440
Certification	CE RoHS FCC UL

Mechanical Structures and Installations

53.00 mm
17.50 mm
122.00 mm

3VDC (AAAx2) Battery

Back Holder

Two options are offered for selection, please fix the back holder on the wall with two screws, or adhere the back holder to the wall with paster.

1. Back holder without magnet

58.00 mm
33.00 mm
22.00 mm
53.00 mm

Back holder

2. Back holder with magnet
(The remote with built-in magnet)

53.50 mm

Back holder with magnet

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

- **RW01** 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.
Short press multiple zone key fastly, will select multiple zone synchronously.

: Short press get red, green or blue color directly.
long press 1-6s adjust R/G/B brightness continuously to achieve millions of colors.

: 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.

: 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.

RGB color light +W white light settings:

When the remote control is used for RGBW light control, it can be operated by long pressing ⏻ and w key for 2s at the same time, to set both RGB color light and W white light can be turned on at the same time or can not be turned on at the same time two ways.

When the green indicator blinks twice, set the RGB color light and W white light can not be turned on at the same time,

That is, when the RGB color light is on, the white light automatically turn off, and when the white light is on,

the RGB color light automatically turn off.

When the green indicator blinks four times, set the RGB color light and W white light are turned on at the same time(factory default)

Statement

FCC ID Statement:
Mobile
RF Exposure Information
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
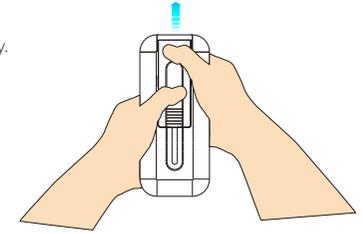### IC ID Statement:
Mobile
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

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.
6. Please keep the remote control in a dry and cool place
   to avoid it becoming sticky due to improper storage.

When replacing the batteries, use both hands to remove the back cover of the remote control.