

RT4,RT9

RF RGB/RGBW

RGB/RGBW Touch Wheel RF Remote Controller

- 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.

CE

RoHS

emc

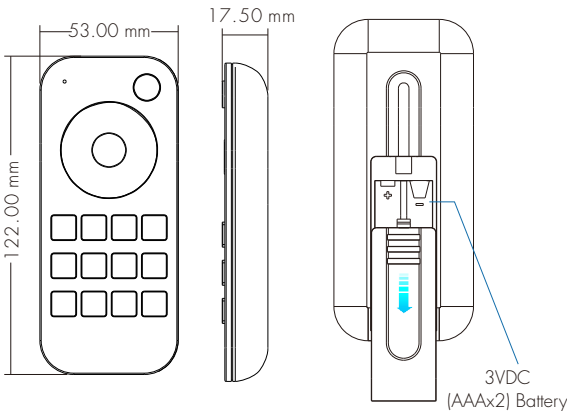
RED



Technical Parameters

Input and Output		Safety and EMC		Environment	
Output signal	RF(2.4GHz)	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4	Operation temperature	Ta: -30℃ ~ +55℃
Working voltage	3VDC(AAAx2)	Safety standard	EN 61348-1:2015+A1:2021 EN 61348-2:13:2014+A1:2017	Package	
Working current	<5mA			Size	L140 x W60 x H26mm
Standby current	<10μA	Radio Equipment(RED)	ETSI EN 300 328 V2.2.2	Gross weight	0.088kg
Standby time	1 year	Certification	CE,EMC,RED	Warranty	
Remote distance	30m(Barrier-free space)			Warranty	5 years

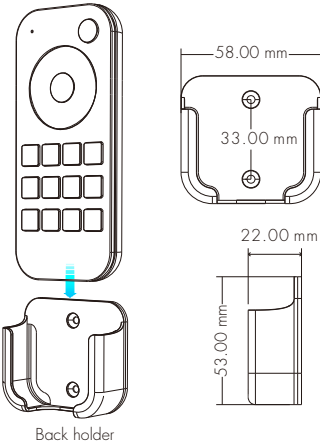
Mechanical Structures and Installations



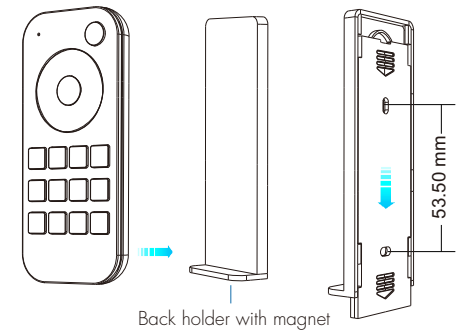
Back holder

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



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

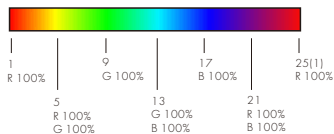
Delete:  
Switch off the power, then switch on power, repeat again.  
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.  
The light blinks 5 times means all matched remotes were deleted.

Key function

● 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.



- : 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.

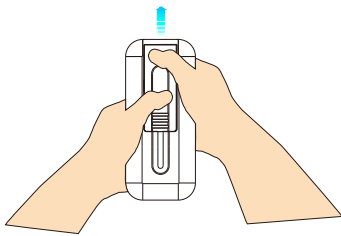
● RT9 4 zone RGB/RGBW remote



- : 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.



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

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

L'appareil numérique conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conforme avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

The device has been evaluated to meet general RF exposure requirement. This equipment should be installed and operated with minimum distance 0mm between the radiator & your body.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF.

Cet équipement doit être installé et utilisé avec une distance minimale de 0 mm entre le radiateur et votre corps.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having again greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.