

# LEDVANCE VALUE RGB Remote Controller

## MS-CV-DIM-RF 12/24V RGB RM

### Features

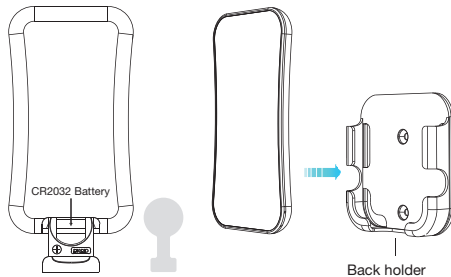
- Battery cell is not included in the selling package.
- Recommended battery cell type: 3v 2032 Lithium battery cell.
- Up to 30 meters connection range between the nearest LEDVANCE Value RGB Dimming Controller and the remote controller
- Perfectly compatible to work with LEDVANCE Value RGB Dimming Controller (Model: MS-CV-DIM-RF 12/24VRGB)
- Each remote controller can pair up with one or many LEDVANCE Value RGB Dimming Controllers
- Red indication light would be light-on if any button on the remote controller is pressed in order to provide basic user interaction experience
- 4 zones of dimming controllers can be controlled by 1 remote controller separately thereby users would not be bothered by too many remote controllers on hand
- Up to 10 pre-design modes are provided to fulfill various enquiries of the automatical RGB performance

### Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC
Working current	<5mA
Standby current	<10 $\mu$ A
Standby time	1 year
Remote distance	30m

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

### Mechanical Structures and Installations Guide



**Note:** Please install the 3V 2032 battery cell first inside the battery case at the back side before using the remote controller.

### How to fix the back holder of remote controller at somewhere if you are worried about missing it?

- a. Fix the back holder on the wall with 2 screws;
- b. Use the adhesive back tape to fix the back holder on the wall.



## LEDVANCE VALUE RGB Remote Controller

### Application highlights for standby mode

- ! To extend the battery life, the stepless color touching wheel will be in sleeping mode that any touches on the color wheel would not trigger the stepless color change.
- ! To terminate the sleeping mode, you may press any other button except the on/off button to wake it up, thereby you can use the color wheel to change the colors according to the instruction.

### Match Remote Control (two match ways)

#### Simple guide of pairing up and unting the remote controllers and dimming controllers

##### Method A - Use match button

Shortly press the match button on the dimming controller and the signal blue light on the dimming controller will start to flicker;

Immediately press "1" or other number of zone button on the remote controller;

##### Method B - Restart the power

Turn off the power and turn on the power;

Immediately press "1" or other number of zone button on the remote controller for 3 times;

**When the blue signal light on the dimming controller flickers quickly for 3 times, the dimming controller and remote controller are pair-up successfully.**

#### Guide of unting the remote controllers and dimming controllers

##### Method A - Use match button

Press the match button continuously for 5 seconds.

##### Method B - Restart the power

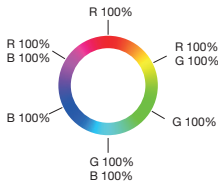
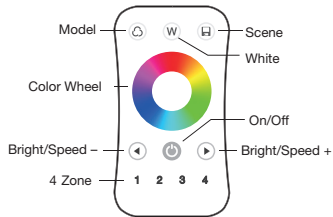
Turn off the power and turn on the power again.

Immediately press the "1" or other number of zone button on the remote controller for 5 times.

**The remote controller would be untied with the dimming controller after the blue signal light flickers 5 times.**

# LEDVANCE VALUE RGB Remote Controller

## Key function



**On/Off:** Shortly press to turn on or turn off the lights from zone 1 to zone 4;

**1,2,3,4 zone setting:** Shortly press the selective number of zone button, the strip in this zone will be lighted on. Press and hold on for 2 seconds for selective zone button will turn off the strips within this zone. Please note that the zone setting should be done whilst pairing up the remote controller and the LEDVANCE Value Dimming Controller.

**Color wheel:** By touching and moving on the color wheel, various types of color temperature can be demonstrated accordingly.

**Mode:** Short press run the next dynamic mode, long press 2s run mode cycle.

**Bright+/-:** Shortly press the 2 buttons can reduce or increase the lighting output of the strips. Users can also press the button continuously for 1-6 seconds to enjoy the continuously dimming functions up to 256 levels.

**Speed+/- :** Dynamic mode, adjust speed,

short press 10 levels, long press 2s get the fastest or slowest speed.

**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.

**3 memory scene:** Users can save the demonstration as memory scene by pressing the button for 2 seconds. Once users wonder to demonstrate the scene again, they can shortly press the button to recall the saving scene. Please note that 4 zones of setting would be recalled or saved synchronously.

## Warnings

- a Please read all the instructions carefully before you start to do any installation
- b Please pay attention to the polarity of the battery cell before inserting the battery cell inside the remote controllers
- c If you will not use the remote controllers for a long time, please kindly remove the battery to avoid the potential damage to the remote controller caused by expiration of battery cell
- d If the sensitivity of the remote controller becomes worse and worse when none of the signal amplifier is installed in the communication area, please consider to change the battery cell
- e If you cannot give any instruction to the dimming controllers and the strip, please kindly re-do the pairing up following the guide in this sheet
- f Please do not throw the remote controller hardly on floor or walls. Any intensive physical damage made by users will not be secured for warranty replacement
- g Please only use the remote controller within indoor area. The dimming controllers and remote controllers are not suitable for any outdoor application and environment

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