

## 10-Key RF Remote Controller

Model No.: RM3

1 zone RGB or RGBW / 10-key / Wireless remote 30m distance / CR2032 battery



CE RoHS  LVD RED

### Features

- Apply to RGB or RGBW LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.
- Operate with LED indicator light.

### Technical Parameters

Input and Output	
Output signal	RF[2.4GHz]
Working voltage	3VDC(CR2032)
Working current	< 5mA
Standby current	< 2μA
Standby time	2 years
Remote distance	30m(Barrier-free space)

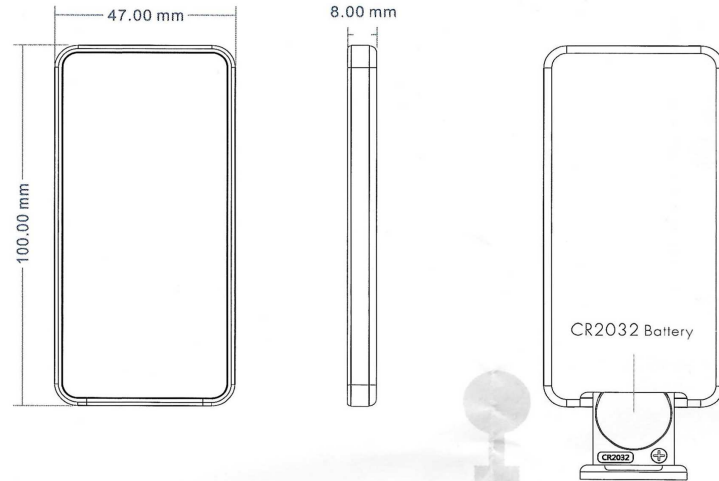
Environment	
Operation temperature	Ta: -30°C ~ +55°C
IP rating	IP20

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

Warranty	
Warranty	5 years

## Mechanical Structures and Installations



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

### 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 on 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 3 times on the remote. The light blinks 3 times means match is successful.

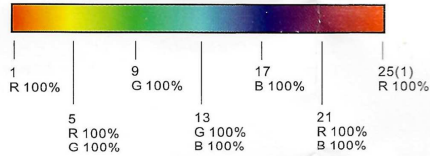
**Delete:**  
Switch off the power, then switch on power again, immediately short press on/off key 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.


## Key function





 **On/Off:** Turn on/off light.


 **Color:** Short press get 24 kinds static RGB color, long press for continuous static color adjustment.





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

 **Mode-:** Short press run the previous dynamic mode, long press 2s run the first mode.

 **Bright/Speed+:** For static RGB color, increase brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment. For dynamic mode, increase speed, short press 10 levels, long press get the fastest speed.

 **Bright/Speed-:** For static RGB color, decrease brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment. For dynamic mode, decrease speed, short press 10 levels, long press get the slowest speed.

 **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

## 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.