

# RF RGBW Remote Controller

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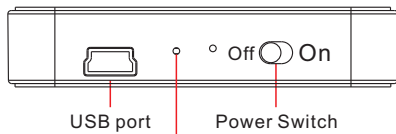


**Important:** Read All Instructions Prior to Installation

## Function introduction



- Click to switch ON/OFF
- Red channel: Click to turn off/on, Press and hold down to increase/decrease light intensity
- Green channel: Click to turn off/on, Press and hold down to increase/decrease light intensity
- Blue channel: Click to turn off/on, Press and hold down to increase/decrease light intensity
- White channel: Click to turn off/on, Press and hold down to increase/decrease light intensity
- Play & pause the 10 built-in mode, click to play or pause running mode
- Return to previous status
- Save color, press and hold down to save, click to recall the saved
- Speed down, press and hold down to speed down the running mode
- Speed up, press and hold down to speed up the running mode
- Brightness down, press and hold down to decrease light intensity
- Brightness up, press and hold down to increase light intensity
- 8 zones, click to select a zone, press and hold down to turn on/off corresponding zone



LED indicator

Indicator will be on while remote is charging.  
Indicator will be off while it's full charged.

**Note: if the remote control is not used for a long time, please charge it every two months.**

## Product Data

| Output                | RF signal                                      |
|-----------------------|--|
| Operation Frequency   | 869.5/916.5/434MHz                             |
| Power Supply          | 3.7V(Lithium battery, USB charging capability) |
| Operating temperature | 0-40°C   |
| Relative humidity     | 8% to 80%                                      |
| Dimensions            | 115.4x58.8x12mm                                |

- Control 8 zones of receivers separately
- RGBW controller
- Compatible with all universal series RF receivers
- 1 receiver can be paired by max 8 different remote controls.
- Waterproof grade: IP20

## Safety & Warnings

- This device contains a button lithium battery that shall be stored and disposed properly.
- DO NOT expose the device to moisture.

## Pair with RF receiver(Method 1)



**Step 1:** Do wiring the RF receiver according to wiring diagram (please refer to the instruction of RF receiver that you would like to pair with).

**Step 2:** Touch ON/OFF button to activate the remote



**Step 3:** Click the "Learning Key" button on RF receiver or re-power on the receiver three times continuously to set it into pairing status

**Step 5:** Touch the color wheel, LED lights connected with the RF receiver flicker once means the receiver is paired with zone 4 successfully.

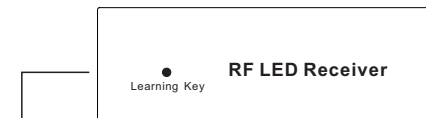
**Step 4:** Choose and touch a zone number (e.g. zone 4)

## Pair with RF receiver(Method 2)



**Step 1:** Do wiring the RF receiver according to wiring diagram (please refer to the instruction of RF receiver that you would like to pair with).

**Step 2:** Touch ON/OFF button to activate the remote



**Step 3:** Power off and power on the receiver

**Step 4:** Choose and touch a zone number (e.g. zone 4) twice, then press and hold it continuously and quickly within 10 seconds, LED lights connected with the RF receiver flicker once means the receiver is paired with zone 4 successfully.

### Save color/scene/mode

**Step 1:** Touch **ON/OFF** button to activate the remote

**Step 2:** Choose and touch one or multiple zone numbers you would like to control (e.g. zone 4)

**Step 3:** Touch the color wheel or other buttons to select the color/mode you like

**Step 4:** Press and hold down button **S** until the LED indicator of remote flash once

**Step 5:** Immediately touch any number of 1-8 (e.g. 8) (here the numbers mean 8 scenes can be saved for the selected zone), LED lights connected with the RF receiver flicker once means the color/scene was saved successfully.

### Recall the saved colors/scenes

**Step 1:** Touch **ON/OFF** button to activate the remote

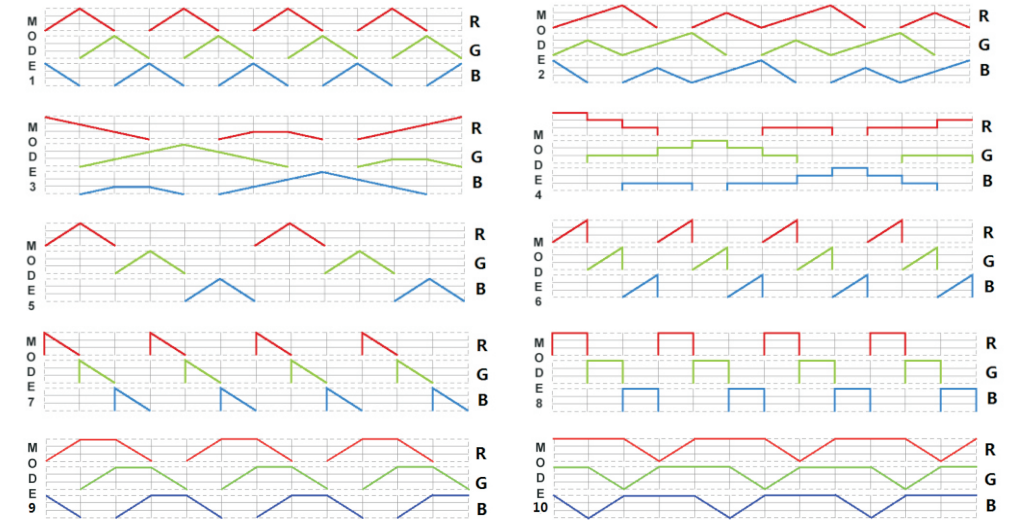
**Step 2:** Choose and touch one or multiple zone numbers you would like to control (e.g. zone 4)

**Step 3:** Touch button **S**

**Step 4:** Touch any numbers 1-8 (e.g. 8) (here the numbers means the 8 scenes saved for selected zone) to recall the saved scene

### Built-in 10 color changing modes are as follows:

- Mode 1: Any two colors of RGB mix fade-in & fade-out
- Mode 2: RGB three colors mix fade-in & fade-out
- Mode 3: RGB three colors mix fade-out & fade-in
- Mode 4: RGB flash
- Mode 5: RGB three colors fade-in & fade-out successively
- Mode 6: RGB three colors fade-in successively
- Mode 7: RGB three colors fade-out successively
- Mode 8: RGB three colors jump changing successively
- Mode 9: R&B two colors mix fade (R in B out), then G fade-in, then R&B mix fade (R out B in), then G fade-out
- Mode 10: B fade-out, then G&B mix fade (G out B in), then R&G mix fade (R out G in), then R fade-in

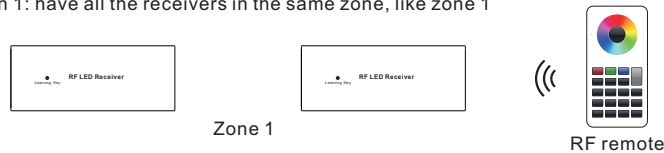


### How to stop running mode of single color LED light caused by RGBW sender interference:

1. When pairing single color LED light to a single color remote, it might be interfered and paired by nearby RGBW senders, which might control the single color light into running mode. The running mode can not be stopped by the paired single color remote or by delete pairing.
2. Then we need this remote, and pair the remote to the receiver via above "Pair with RF receiver(Method 2)", then touch the color wheel to stop the running mode.
3. Then delete pairing and pair the receiver to the single color remote again, it can be controlled by the remote again.

### If you use multiple receivers, you have two choices:

Option 1: have all the receivers in the same zone, like zone 1



Option 2: have each receiver in a different zone, like zone 1, 2, 3 or 4

