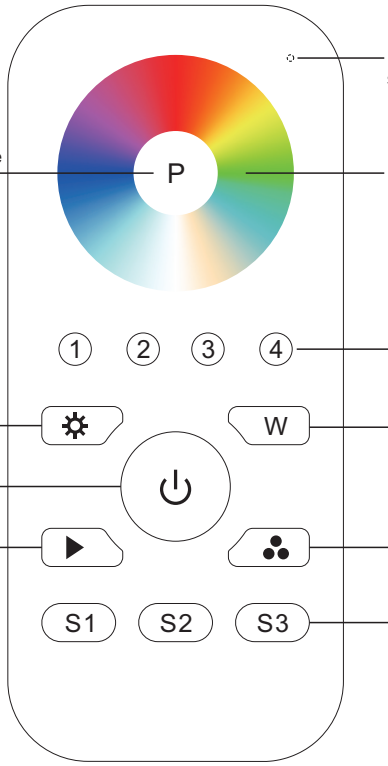
RF RGB Programmable Led Controller

70010130

Important: *Read All Instructions Prior to Installation*

Function introduction



Program: short press to start program, LED light connected with receiver will blink, then touch color wheel to choose a color, then choose another color (make sure to choose at least 2 colors, most 7 colors), then short press the button again to save the chosen colors, LED light connected with receiver will blink to indicate successful program. Now you can use button ▶ to play the colors with different running effects and speeds.

Indicator: indicate the state of remote control

Color wheel

Zone numbers:Click to choose the zone/zones, Press and hold down to turn on/off corresponding zone

Press and hold down to increase/ decrease light intensity of RGB channels

The white channel: click to turn on/off, Press and hold down to increase/decrease light intensity

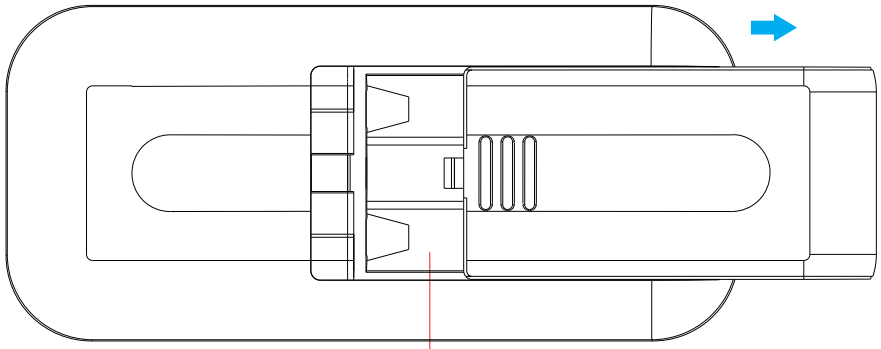
Click to turn ON/OFF all zones

Click to play programmed colors with different running effects: jump, flash, fade, strobe. Click to switch effects, press and hold down to speed up/down the effects.

Click to switch CW, NW, WW mixed by RGB

Press and hold down to save colors; Click to recall the saved colors

Front side



Bottom side

Product Data

Output	RF signal
Operation Frequency	869.5/916.5/434MHz
Power Supply	4.5V(3xAAA battery)
Operating temperature	0-40°C
Relative humidity	8% to 80%
Dimensions	120x55x17mm

- Control 4 zones of RF receivers separately.
- RGBW color controller
- High sensitive & high stable, fast & precise color control.
- 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 AAA batteries 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 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 click a zone number(e.g. zone 4)

Step 2: Click **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

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.

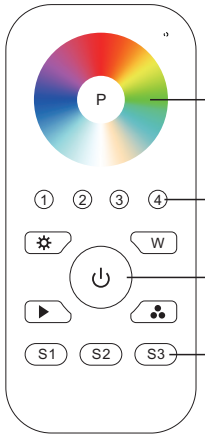
Step 4: Choose and click a zone number(e.g. zone 4) twice, then press and hold it continuously and quickly within 10 seconds, LED lights connected with the RF receiver flicker once means the receiver is paired with zone 4 successfully.

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



Step 3: Power off and power on the receiver

Save color/scene/mode



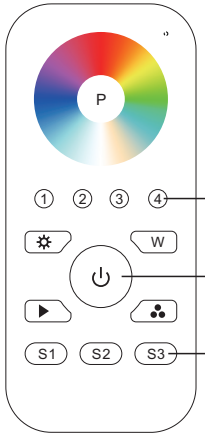
Step 3: Touch the color wheel or click the other buttons to select the scene you like

Step 2: Choose and click one or multiple paired zone numbers(e.g. zone 4)

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

Step 4: Press and hold any scene buttons of **S1-S3**(e.g. **S3**) , LED lights connected with the RF receiver flicker once means the color/scene was saved successfully.

Recall the saved colors/scenes

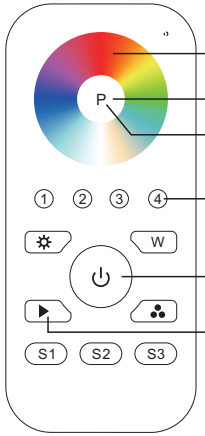


Step 2: Choose and click one or multiple paired zone numbers(e.g. zone 4)

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

Step 3: Click any scene buttons of **S1-S3**(e.g. **S3**) to recall the saved scene

Program function



Step 4: Touch the color wheel to choose a color

Step 3: Click button **P**

Step 5: Click button **P** again to save the color, LED indicator of the remote will blink

Step 6: Repeat steps **3** to **5** to select the other colors(at least 2 colors, most 7 colors)

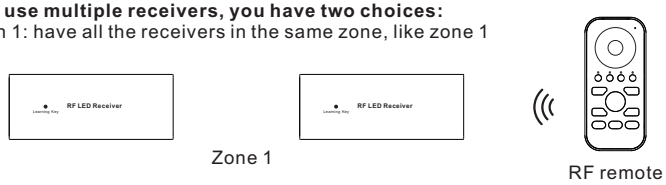
Step 2: Choose and click one or multiple paired zone numbers(e.g. zone 4)

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

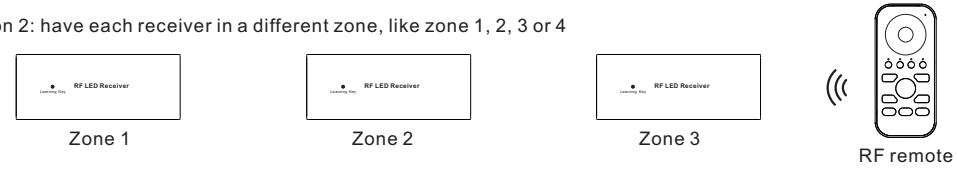
Step 7: Click the button to play the saved colors

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



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.