

RF RGB(W) Remote controller User Manual



SR-2819T



1. Product introduction

Easy RGB(W) remote controller is a wireless color controlling system that consists of a sender and a receiver or several receivers. By selecting switch status, you can set the system as RGB 3-channel output, or RGBW 4-channel output. Using Easy RGB(W) remote controller, you can get whatever color you want; you can choose any color from RGB(W) to adjust so as to mix more than 100 million kinds of colors.

With built-in 10 kinds of color changing modes, you can easily switch color changing modes and adjust speed and brightness. "Function Pause" enables RGBW LED to stay at your favorite color under the situation of color changing modes, which operation is simple but functional.

2. Performance Parameter

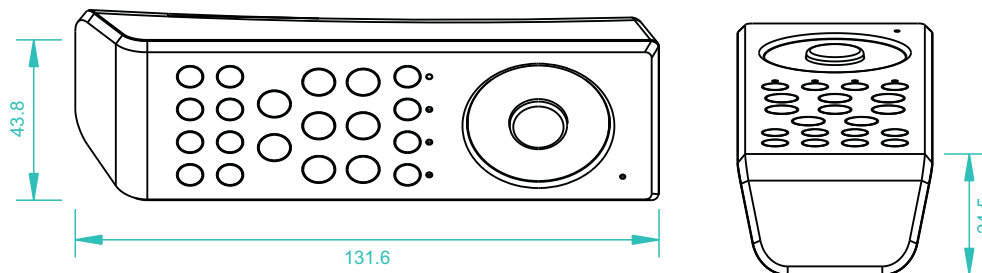
Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)	Remarks
SR-2819T	4.5VDC	434MHz/868MHz	43.8x131.6x24.5	load 3pcs 7 AAA (1.5V) batteries

Receiver

Part No.	Input Voltage	Current	Output	Remarks
SR-1009FA	12-36VDC	4x5A	4x(60-180)W	Constant voltage
SR-1009EA	12-36VDC	4x8A	4x(96-288)W	Constant voltage
SR-1009FA3	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
SR-1009FA7	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

3. Product Size



4. Button introduction

- "R" button and indicator
- "G" button and indicator
- "B" button and indicator
- "W" button and indicator

- Working status indicator, the sender is in dormant status when the indicator is off. The sender is under working when the indicator is flashing rapidly. If the indicator continues flashing at the frequency of 1 second, it indicates that the sender batteries low and needs to replace new batteries.

- Slow down the speed when color is changing
- Speed up when color is changing

- With this button it shall be getting three shades of white color (cold white, neutral white and warm white; a mixture of RGB colors), and to get white color while using the controller in RGB-mode. This function needs to be available in RGBW-mode as well to get a versatile white color range

- Brightness down
- Brightness up

- Turn ON/OFF

- :2 zones

- :4 programs.

Each program shall be speed selectable from 20 seconds (most fast) to 15 minutes (slowest). When you press the button first, the program starts, after a second press, it pauses, then after pressing again, the program continues.

The programs shall include the following:

- smooth color change (red, yellow, green, turquoise, blue, pink, white)
- smooth change of warm color range (red, yellow, pink, hot pink and mixed warm colors)
- smooth change of cold color range (blue, green, turquoise, light blue, white, mixed cold colors)
- hard color change (red, orange, yellow, green, light blue, dark blue, pink)

- :4 buttons for storable colors. The user can choose his 4 favorite colors by using the color-wheel or the color change programs and can save each one by pressing the particular button for 3 seconds.

5. Operation

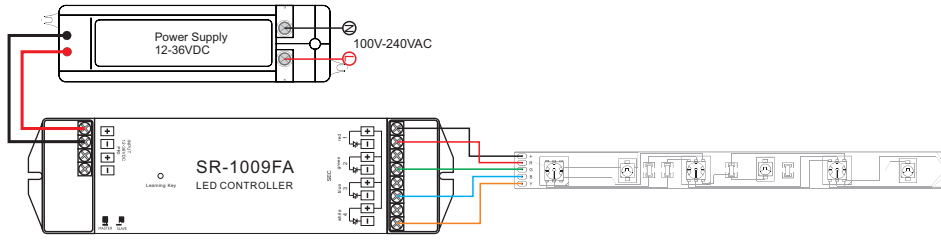
5.1 Do wiring according to connection diagram and install battery into remote control.

5.2 How to learn & delete ID process?

- Wake up the remote by any button except touch color wheel.
- Press at learning button on receiver.
- Press any zone button (which you desire to control) on remote.
- Then touch color wheel.
- Connected LED light will blink to confirm zone designation.
- Press learning button on receiver for over 5 seconds until connected LED light flash off, then delete the learned ID. If you want to learn receiver into another zone, please follow learning ID process operation 2.

6.Wiring diagram

1)Receiver Connection Diagram for Single Unit



2)Receiver Connection Diagram for Multiple Units

