

# RF RGBW Controller(2 Zones)

SR-2806T with SR-1003RCT series



## 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.

## Parameter

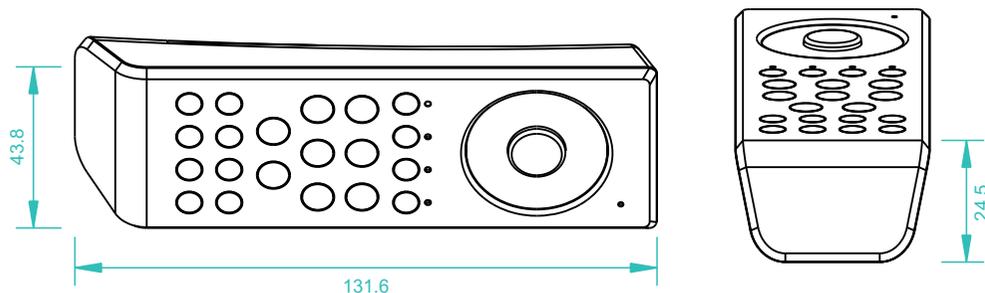
### Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)
SR-2806T	4.5VDC	434MHz/868MHz	43.8x131.6x24.5

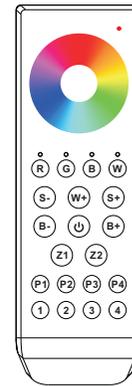
### Receiver

Part No.	Input Voltage	Current	Output	Remarks
SR-1003RCT	12-36VDC	4x5A	4x(60-180)W	Constant voltage
SR-1003RCTEA	12-36VDC	4x8A	4x(96-288)W	Constant voltage
SR-1012RCT	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
SR-1022RCT	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

## Product Size



## Brief introduction of buttons



- 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.



Touch wheel for selecting R/G/B colors



"R" button and indicator



"G" button and indicator



"B" button and indicator



"W" button and indicator



Speed down 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



Z1 Z2 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.

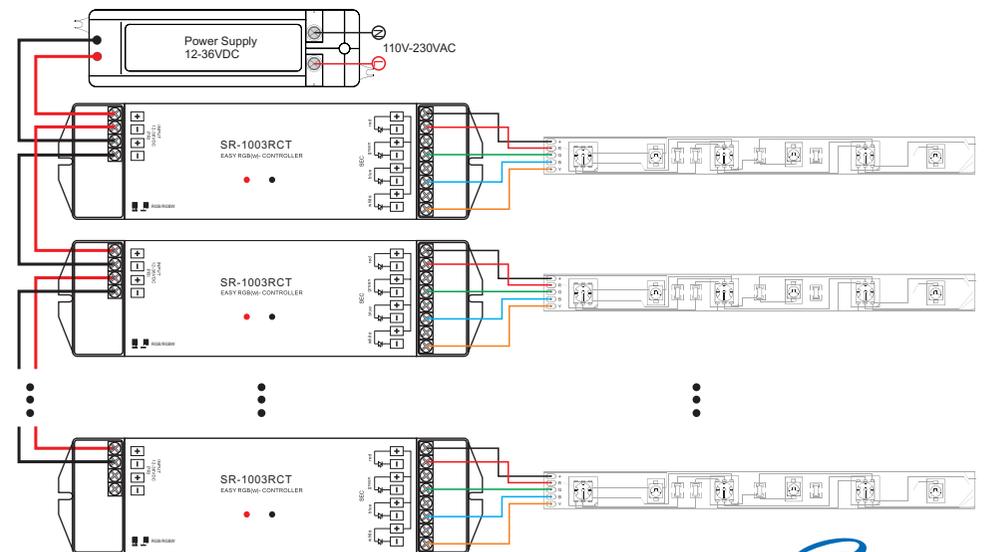
The programs shall include the following:

- 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.

## Wiring diagram



## Operation

1. Do wiring according to connection diagram and install battery into remote control.
2. How to learn&delete ID process?
  - a. Wake up the remote by any button except touch color wheel.
  - b. Press at learning button on receiver.
  - c. Press any zone button(which you desire to control) on remote.
  - d. Then touch color wheel.
  - e. Connected LED light will blink to confirm zone designation.
  - f. 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.

## Safety & Warnings

- 1) The product shall be installed and serviced by a qualified person.
- 2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
- 4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- 5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
- 6) Please ensure that the cable is secured tightly in the connector
- 7) For update information please consult your supplier.

## Warranty Agreement

- 1) We provide lifelong technical assistance with this product:
  - 3-year warranty. We print date on every products, for example :1125 means year 2011, week 25. The warranty is for free repair or replacement and covers manufacturing faults only.
  - For faults beyond the 3-year warranty we reserve the right to charge for time and parts.
- 2) Limited Warranty
  - Any defects caused by wrong operation.
  - Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
  - Any damages due to transportation, vibration etc. after purchase.
  - Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
  - Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
  - Product has been updated
- 3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.