

# One Zone RF Wireless LED RGB Controller

Model:SR-2808 with SR-1004 series



## Feature

SR-2808 and its receiver is a single zone RF wireless RGB controller. 1 remote SR-2808 can control an endless number of receivers synchronously. All receivers will share the same ID address, can also work with power repeater to expand output unlimitedly.

## Parameter

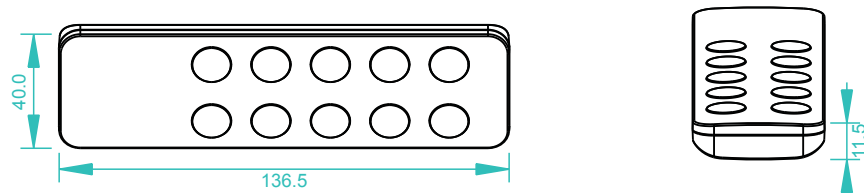
### Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSTONS ø/h (mm)	REMARKS
SR-2808	3VDC	434MHz/868MHz	39x136.5x10.7	RF Wireless

### Receiver

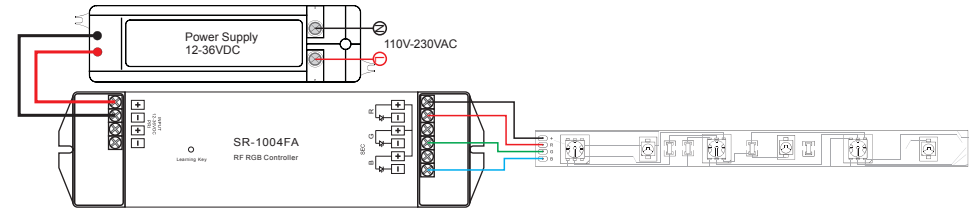
Part No.	Input Voltage	Output Current	Output Power	Remarks
SR-1004FA	12-36VDC	3x5A	3x(60-180)W	Constant voltage
SR-1004EA	12-36VDC	3x8A	3x(96-288)W	Constant voltage
SR-1004TA	12-36VDC	3x3A	3x(36-108)W	Constant voltage
SR-1004FA3	12-36VDC	3x350mA	3x(4.2-12.6)W	Constant current
SR-1004FA7	12-36VDC	3x700mA	3x(8.4-25.2)W	Constant current

## Product Size

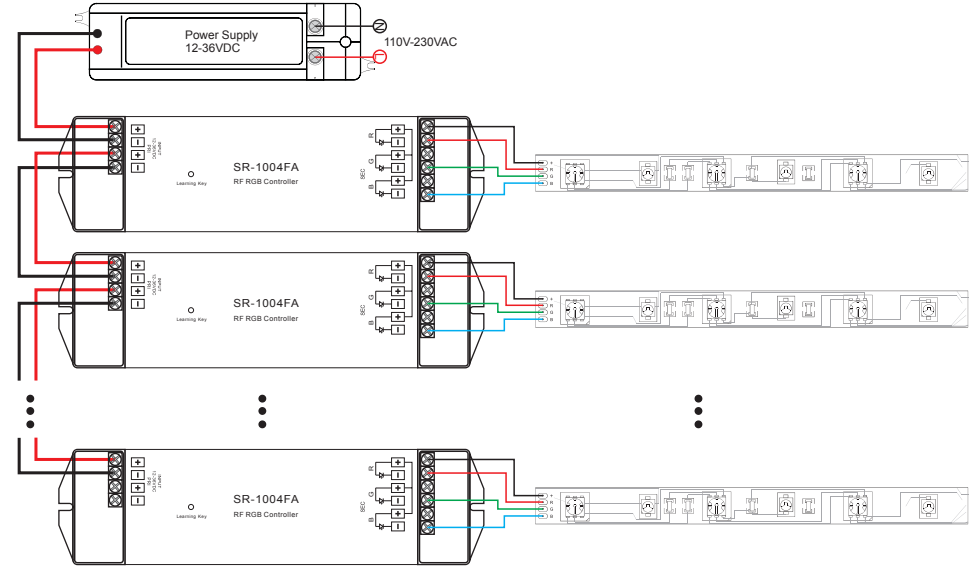


## Wiring diagram

### 1)Receiver Connection Diagram for Single Unit



### 2)Receiver Connection Diagram for Multiple Units



## Operation

After you have wired all the receivers according to Figure illustration you need to do the following:

1. Pull off the plastic film cover of the battery at the back of remote.
  2. Master receiver learning: short press the Learning Key on the receiver, and then immediately press the . Once you do that, the LED lights will blink once.  
Slave receiver learning: short press the Learning Key on the receiver, and then immediately press the any button on the remote except .
- After master and slave learning, please Long Press for 3 seconds to reset. (necessary)




### Why should there be 2 methods of learning?







When one remote is being used to control multiple receivers that are working together simultaneously after some time in operation they may lose synchronously. The receiver which is done the master learning will synchronize all slave receivers automatically.

Notice: there can be only one master receiver, all the others be slave receivers.

### Button Instructions:

- : short press to turn ON/OFF; long press for 3 seconds to reset.
- : 10 built-in dynamic color changing modes; short press to get a dynamic mode, press again to pause to have a static color, press again to get a next dynamic mode.....

  : C1 and C2 works only at static modes; short press C1 to get 10 solid colors- red/orange/yellow/green/cyan/blue/purple/warm white/natural white/cold white; long press C2 to get a R-G-B slow changing mode, just like using a color wheel  .

S- and S+ works only at dynamic color changing modes; short press S- and S+ for speed down and speed up.       are micro color change buttons, under static color status, by short pressing them, you can fine tune any color to achieve thousands of colors.

## 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.