

# Receiver for RGBW Remote & Wifi transmitter

Model: SR-1009FX



## Feature

- Work with different sender
- Work with WIFI transmitter
- Control RGBW, RGB, CC-CW, Single color LED lighting.

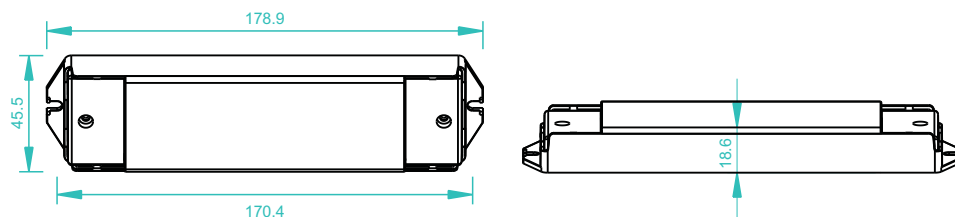
## Parameter

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

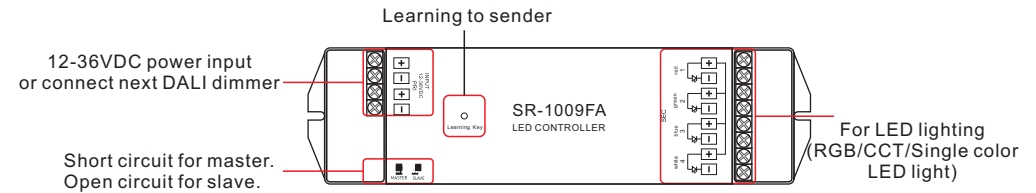
## Suitable sender

RGB+W remote	SR-2818, SR-2819, SR-2819S, SR-2838
CCT remote	SR-2819CCT, SR-2819S-CCT, SR-2838-CTT
Dimmer remote	SR-2819S-DIM, SR-2838-DIM, SR-2833
RGB+W wall mounted panel	SR-2820/ SR-2820(IT)/ SR-2820(US), SR-2835RGB
CCT wall mounted panel	SR-2822/ SR-2822(IT)/ SR-2822(US), SR-2825B/ SR-2825(IT)/ SR-2825(US)/SR-2830B/ SR-2830(IT)/ SR-2830(US), SR-2835DIM
Dimmer wall mounted panel	SR-2833k1, SR-2833k2, SR-2833T1/ SR-2833T1(IT)/ SR-2833T1(US), SR-2833T2/SR-2833T2(IT)/ SR-2833T2(US), SR-2835DIM, SR-2825A SR-2825A(IT)/ SR-2825A(US), SR-2830A/ SR-2830A(IT)/ SR-2830A(US)

## Product Size

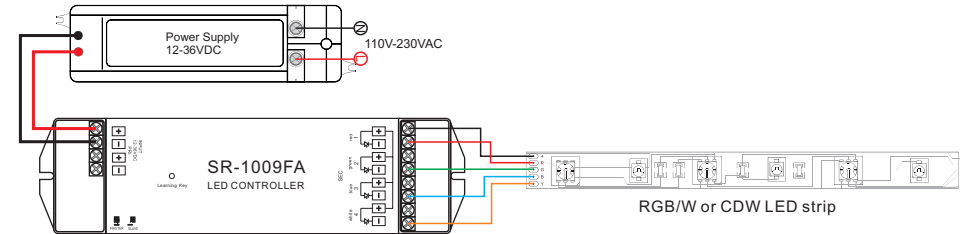


## Brief introduction of buttons

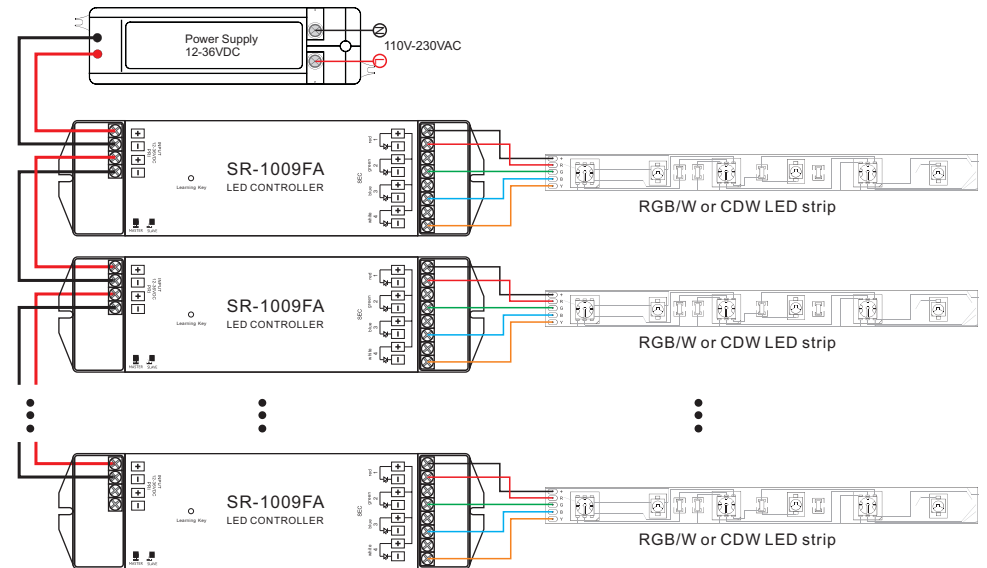


## Wiring diagram

### 1)Receiver Connection Diagram for Single Unit



### 2)Receiver Connection Diagram for Multiple Units



## Operation

### Learning (matching)

- Do wiring according to connection diagram
- Wake up the remote control by touching ON/OFF button.
- Press learning button on receiver.
- Touch any zone button on remote control.
- Then touch color wheel.
- Connected LED light will blink to confirm zone designation.
- Press at learning button on receiver over 5 seconds until LED light flash, then delete the learned ID.

**Note 1: To choose a master from slaves by jumper for each zone.**

**Short circuit for master.**

**Open circuit for slave.**

**Each zone only can set one master controller. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.**

**Note 2: Each remote control 8 zones (areas) receivers, each area can be learned as many receivers as we can.**

**Each receiver maximally can be controlled by 8 different remote controllers.**

## 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.