

RF wireless LED remote controller

Model:SR-2819-CCT with SR-1009Fxx



- Six zones/areas
- Press-button color temperature dimmer
- Receivers work with WIFI-RF converter to be controlled by smart phone



Parameter

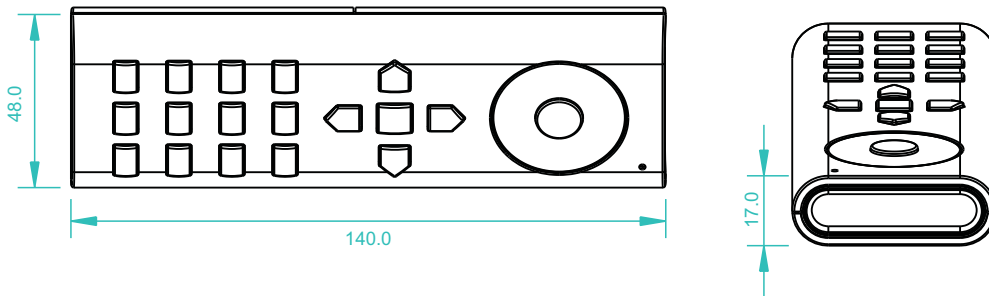
Remote

| Part No. | Operation Voltage | Operation Frequency | DIMENSIONS ø/h (mm) | Remarks |
|------------|-------------------|---------------------|------------------------|----------------------------------|
| SR-2819CCT | 3.6VDC | 434MHz/868MHz | 48x140x16 | load 3pcs 7 AAA (1.5V) batteries |

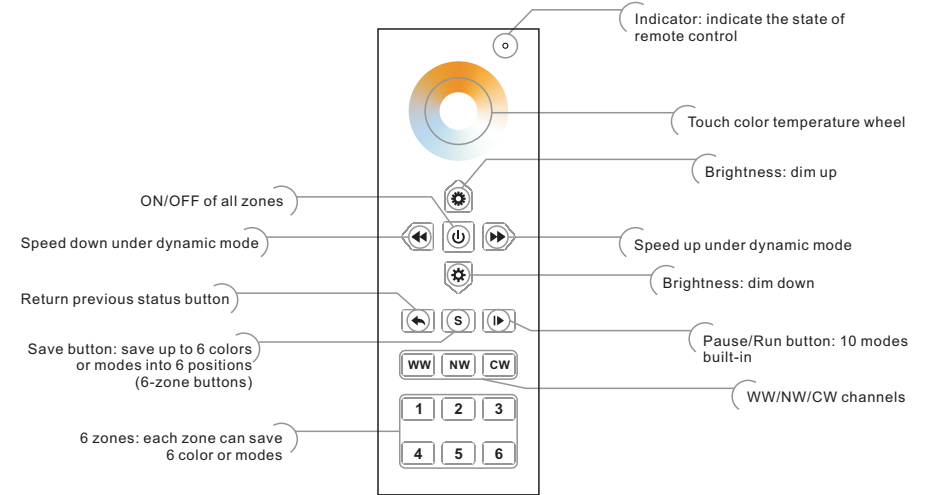
Receiver

| 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 |

Product Size

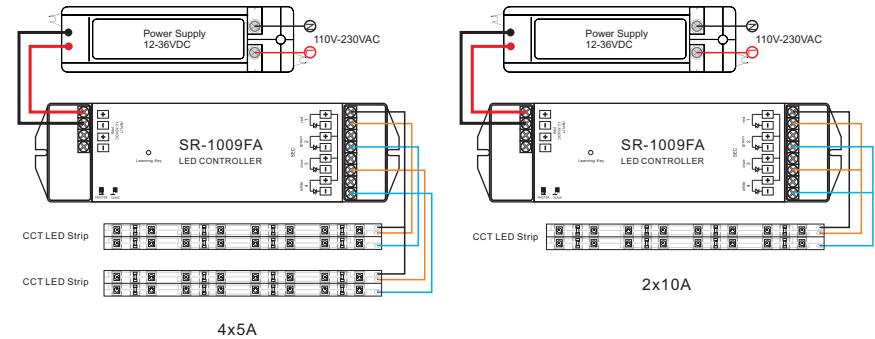


Brief introduction of buttons

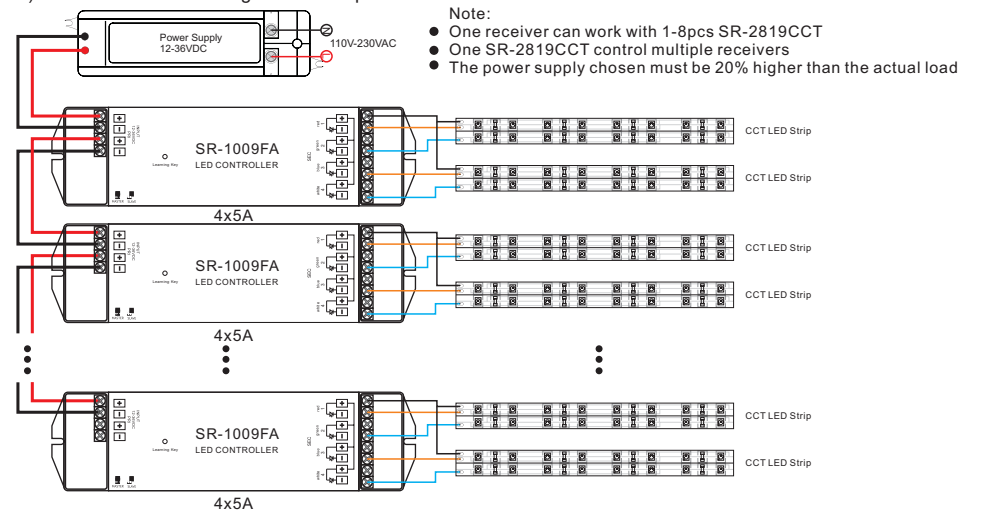


Wiring diagram

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 4 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.

Color Temperature wheel

Choose zone number  for example,  and  then touch , choose the color temperature

you want, zone  and  will indicate corresponding color temperature as we touched.



Running&Pause Button

- Press pause&run button , mode will run. Press it once, it runs one mode. Press button again, it stops, then press one more time, it will enter next mode. There are total 10 build-in modes.
- Pause&run button can work with S button , it can save modes into different zone.



Return button

Touch  button to return previous color or running mode.

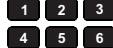
Speed up and Speed down Button

Touch button  to speed down when mode is running, touch button  to speed up when mode is running.

Brightness down or up button

Short/long press button  to dim down brightness of RGB channels, Short/ long press  button to dim up CW/NW/WW channels.

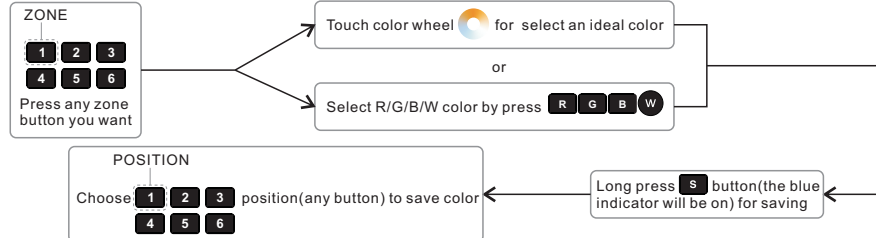
WW, NW, CW button

Choose zone number from , press **ww**, the corresponding zones will change to warm white,

press **nw**, corresponding zones will change to nature white, press **cw**, the corresponding zones will change to cold white.

Save Button

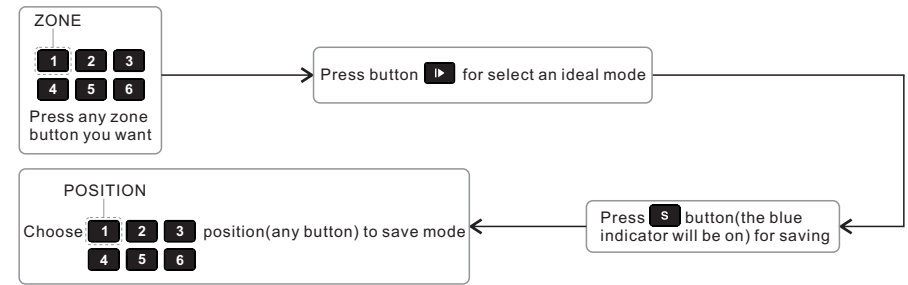
a. How to save color into different position per zone?



For example, press zone button 1, then touch color wheel for warm white, then press S button (the blue indicator will be on), then choose position button 3. That's to say, we save warm white from zone 1 into position 3.

So each zone can save 6 colors. 6 zones can save 36 colors.

b. How to save mode into different position per zone?



c. Recall

Choose zone number form , then press **S** button, and press the position button which color or mode saved into.

Safety & Warnings

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