RF CDW Dimmer

SR-2804 with SR-2501C series

Brief introduction of buttons

Touch wheel for dim color temperature of WW, NW, CW.

ON/OFF button

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 charge power.

Dim down the brightness of all channels

Dim up the brightness of all channels

Dim down the brightness of Warm white

Dim up the rightness of Warm white

Dim down the brightness of Nature white

Dim up the brightness of Nature white

Dim down the brightness of Cold white

Dim up the brightness of Cold white

left indicator will be on when charging, middle indicator is for reset switch, right one is for USB socket.

Product introduction

- High sensitive & high stable Glass touch color wheel ,fast &precise color control
- Ideal for natural white-warm white & cold white to achieve precise adjustment of color temperature and brightness
- Each white can achieve 256 levels brightness adjustment , so there are millions of color temperature optional
- Aluminum outer shell.
- Rechargeable, With USB charging port.
- Remote control with 20 meters control distance.
- Memory function, remember the last kelvin after turn off/ or cut off
- To work with power repeater to expand output unlimitedly
- Receivers can work with RF-WIFI converter after installing software on IOS and Android system.

Wiring diagram

Power Supply 12-36VDC

110V-230VAC

SR-2501C
RF Easy Dimmer

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Parameter

Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)	Remarks
SR-2804	3.6VDC	434MHz/868MHz	40.8x114.2x7.5	USB charging

Receiver

Part No.	Iuput Voltage	Current	Output	Remarks
SR-2501C	12-36VDC	4x5A	4x(60-180)W	Constant voltage
SR-2501CEA	12-36VDC	4x8A	4x(96-288)W	Constant voltage
SR-2502C	12-36VDC	4x350mA	4x(4.2-12.6)W	Constant current
SR-2503C	12-36VDC	4x700mA	4x(8.4-25.2)W	Constant current

Product Size

40.8

114.2

7.5
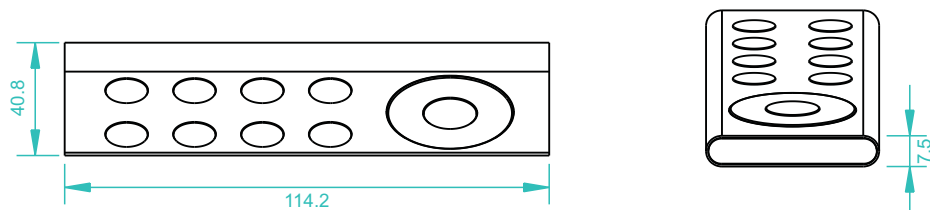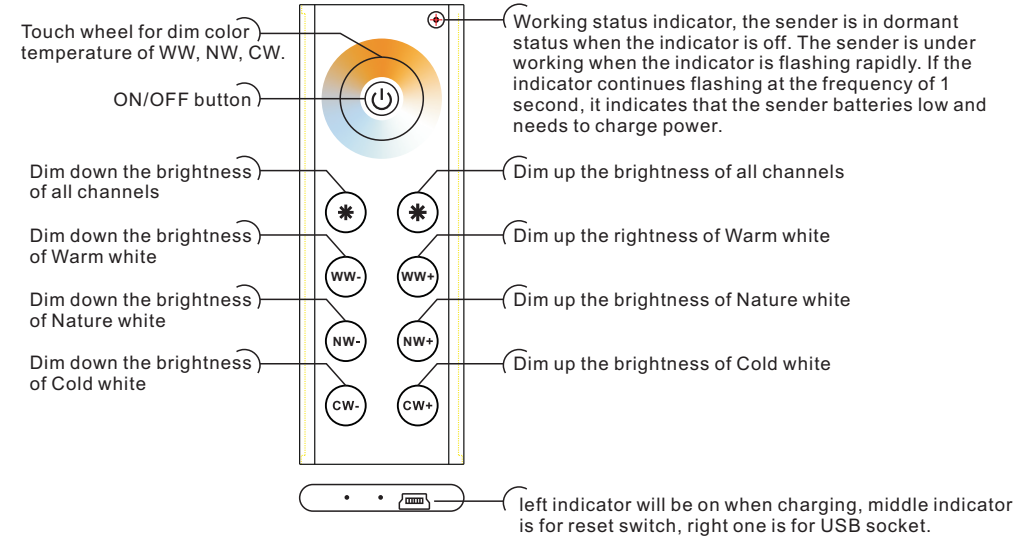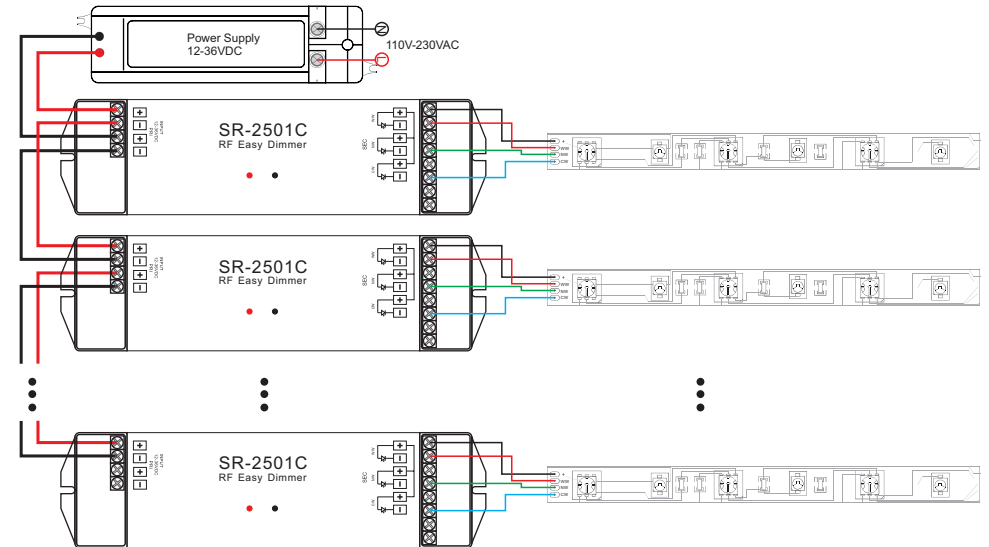
Operation

1. Check the power is enough to work, and it is charged by USB line.

2. Receiver Learning ID

After connect with LEDs well, learning the ID of the receiver, the purpose of learning ID code is to make the receiver which can correspond the sender.

The method of Receiver learning ID is as follows: press the ID learning button ● on the receiver, the ID learning dicator ● is on, then press the color wheel on the sender, the indicator will flash a few times and then turns off, then receiver ID is activated. If the ID activation is failed at the first time, please repeat the previous procedures.

3. Touch the color wheel ● to get the color temperature you want.

4. Adjust the integral brightness via ✳ ✳ .

Operation

5. Adjust the respective brightness of WW, NW and CW by (WW-)(WW+)(NW-)(NW+)(CW-)(CW+) ,also mix the color you want through any of the 6 keys.

6. Working status indicator ● on the sender will be in dormant status after 10S.

7. if the remote control is not used for a long time, need to charge it every two months.

Suitable for kinds of single color projects!

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.

8)The warranty of battery is 1 year.

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 Warrenty

 ● 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.