

# SR-2804 RF Easy Dimmer User Manual



Receiver:SR-2501C



Remote: SR-2804

## 1.Product introduction

RF Easy dimmer is a wireless color temperature and brightness controlling system that consists of a sender and a receiver or several receivers for one zone.

It is 3-channel output with warm white, nature white, cold white, which you can get whatever color temperature and brightness you want; you can touch the color wheel to adjust it, in order to mix different white colors temperature with brightness in 8-level brightness mode.

It is suitable for Europe, Americas and all global market demands with frequency of 434MHZ and 868MHZ. All products completely comply with CE, RoHS, FCC regulations.

## 2.Performance Parameter

### 2.1 Sender: (Model: SR-2804)

Operation voltage: 3.6VDC

Working Frequency: 434MHZ/868MHZ(optional)

### 2.2 Receiver: (Model: SR-2501C/ SR-2502C/ SR-2503C)

Input Voltage: 12-36VDC

Output Voltage: 12-36VDC

Input Current: 3CH×5A max (SR-2501C)

3CH×350mA (SR-2502C)

3CH×700mA (SR-2503C)

Output power: 3CH×(60-180W) (SR-2501C)

3CH×(4.2-12.6W) (SR-2502C)

3CH×(8.4-25.2W) (SR-2503C)

Working Frequency: 434MHZ/868MHZ(optional)

## 3.Components description

### 3.1 Sender: (Model: SR-2804)












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



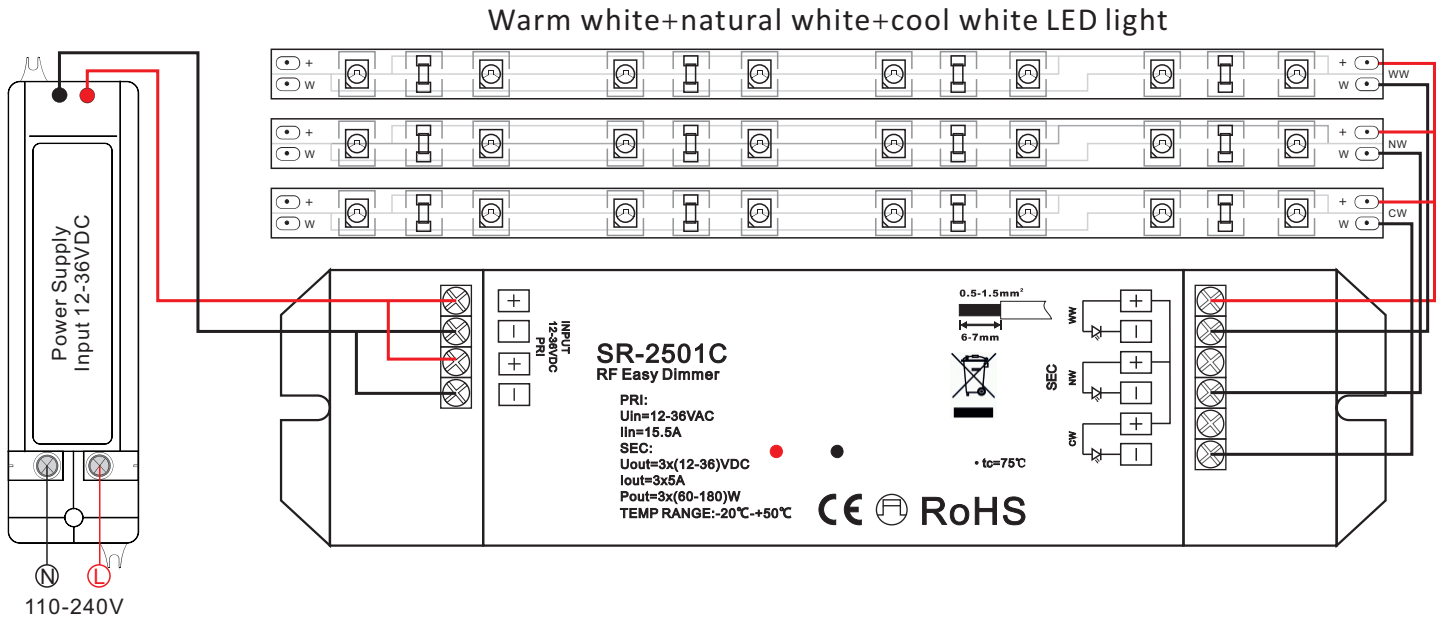
ON/OFF button



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.

## 4. Wiring diagram






## 4. Basic usage



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







### 4.2 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.

**4.3** Touch the color wheel  to get the color temperature you want.

**4.4** Adjust the integral brightness via  .

**4.5** Adjust the respective brightness of WW, NW and CW by       , also mix the color you want through any of the 6 keys.

**4.6** Working status indicator  on the sender will be in dormant status after 10S.

# Suitable for kinds of single color projects!