

# SR-2803 Six Zone RF Wireless LED Dimmer User Manual



Remote: SR-2803

Receiver: SR-2501B

## 1.Product introduction

The SR-2803 and its receiver is a 6 Zone RF Wireless LED Dimmer. It lets you individually control up to 6 different zones independently or in a group. And it can dim the receiver's 4 channels separately.

## 2.Performance Parameter

### 2.1 Remote: (SR -2803)

Operation voltage: 3VDC Cr2025 Battery

Operation frequency: 434MHZ / 868MHZ

### 2.2 Receiver: (SR-2501B,SR-2501BEA,SR-2502B,SR-2503B)

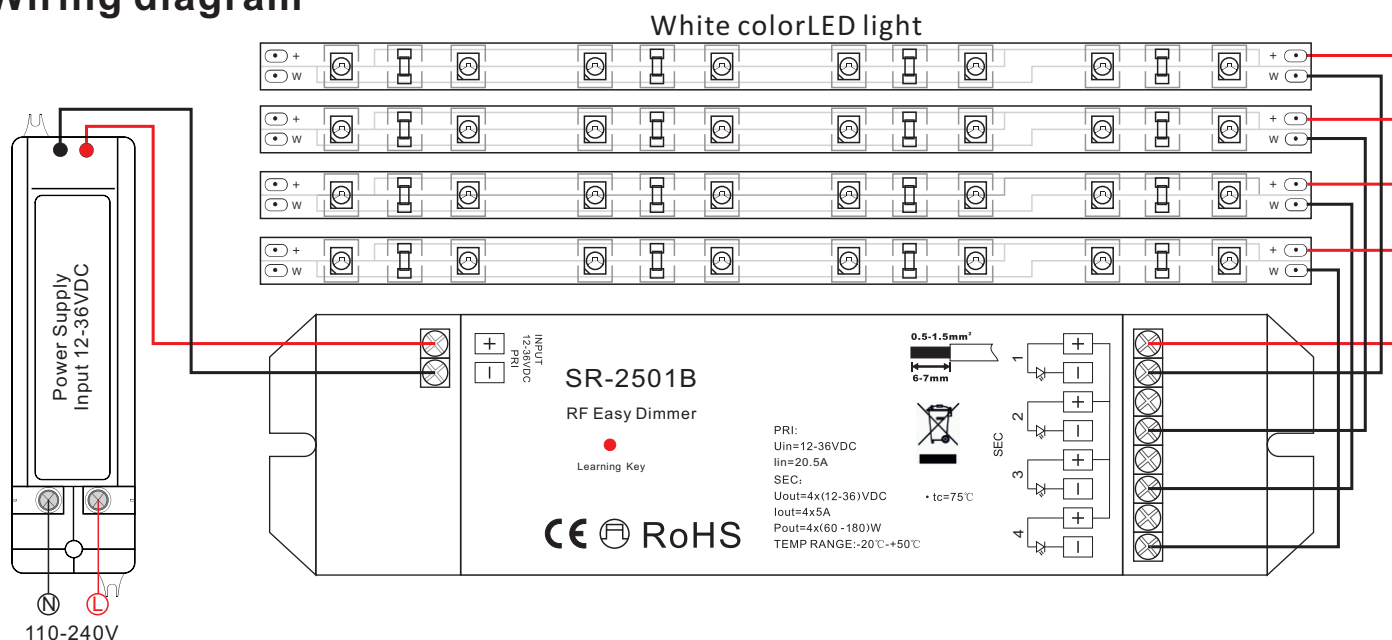
SR-2501B: 12-36VDC input, 4 channels x 5A, constant voltage, 4 channels x (60-180)W

SR-2501BEA: 12-24VDC input, 4 channels x 8A, constant voltage, 4 channels x (96-192)W

SR-2502B: 12-36VDC input, 4 channels x 350mA, constant current, 4 channels x (4.2-12.6)W

SR-2503B: 12-36VDC input, 4 channels x 700mA, constant current, 4 channels x (8.4-25.2)W

## 3.Wiring diagram



## 4.Operation Manual

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. If you use multiple receivers, you have 2 choices:  
Have all receivers in the same zone like Zone 1 for example or  
Have each receiver in a different zone, like Zone 1, 2, 3 and so on
3. In order for each receiver to know what Zone it belongs to, you will need to “pair” it to the zone you wish to use: short press the Learning Key on the receiver, and immediately short press the zone number (1~6) which you wish to use(for example ①). Once you do that, the LED lights will blink once. Now your remote and receiver are paired!
4. Do the same for the other receivers if you use them.

This wireless receiver can work in any of the 6 zones. It has a special “Learning Key” that will enable you to pair it to any of the 6 zones in the wireless remote control. You can add as many optional receivers as you wish, to create up to 6 different control zones. Each zone can have an endless number of receivers.

Memory Reset:

In case you want to reset the memory of the receiver, press the learning function button for 10 seconds while the unit is being powered. The unit will then reset to factory defaults.

Re-Assign Zone:

Re assigning the receiver to a different zone is easy, just repeat Step 3 as above.

⏻ button to turn ON/OFF all zones' LED lights.

Long press the zone number for 3 seconds to turn OFF that zone separately (for example ①), and you can turn it ON only by long press that zone number again, but Not the power button.

After ID learning between remote and receiver, press the zone number(for example ①) to select the zone you want to control. ⚙ button to turn Up your selected zones' receives'(4 channels together) LED lights, ⚙ button to turn Down them.

Since every receiver has 4 channels outputs(Channel 1,2,3,4), you can dim them separately by followings: ⚙ is to control the receiver's Channel 1 and Channel 3, ⚙ is to control the receiver's Channel 2 and Channel 4.

After select the zone you want to control, first long press ⚙ to turn UP the receiver's Channel 1 and Channel 3, long press it again to turn them DOWN;

Also first long press ⚙ to turn UP the receiver's Channel 2 and Channel 4, long press it again to turn them DOWN

Note: If the max brightness is set by ⚙ ⚙, then, you can not turn UP beyond that max brightness by ⚙ ⚙.

