LF-2801 Five Zone RF Wireless LED Dimmer User Manual

Remote: LF-2801 Receiver: LF-2501

1.Product introduction

The LF-2801 and its receiver is a 5 Zone RF Wireless LED Dimmer. It lets you individually control up to five different zones independently or in a group.

2.Performance Parameter

2.1 Remote:(LF-2801)

Operation voltage: 3VDC Cr2025 Battery

Operation frequency: 434MHZ / 868MHZ

2.2 Receiver: (LF-2501, LF-2501EA, LF-2502, LF-2503)

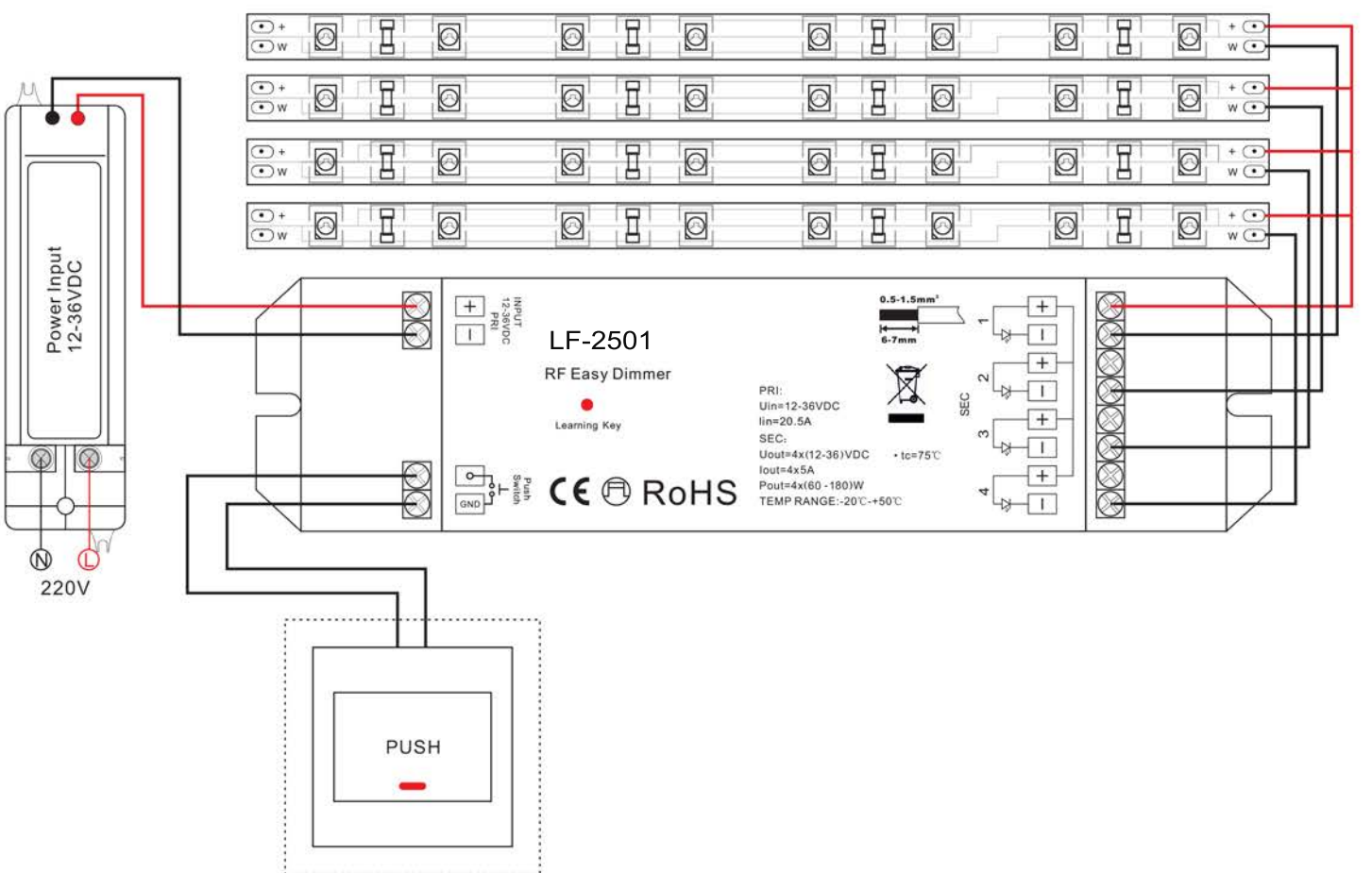
LF-2501: 12-36VDC input, 4 channels x 5A, constant voltage, 4 channels x (60-180)W

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

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

LF-2503:12-36VDC 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:

4.1 Pull off the plastic film cover of the battery at the back of remote.

4.2 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

4.3 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, then immediately short press the ON or OFF from the zone you wish to use (for example ON/Off from zone 1). Once you do that, the LED lights will blink once. Now your remote and receiver are paired!

4.4 Do the same for the other receivers if you use them.

This wireless receiver can work in any of the 5 zones. It has a special "Learning Key" that is in the unit that will enable you to pair it to any of the 5 zones in the wireless remote control. You can add as many optional receivers as you wish, to create up to 5 different control zones. Each zone can have an endless number of receivers, which will let you escalate any installation from small to super-size.

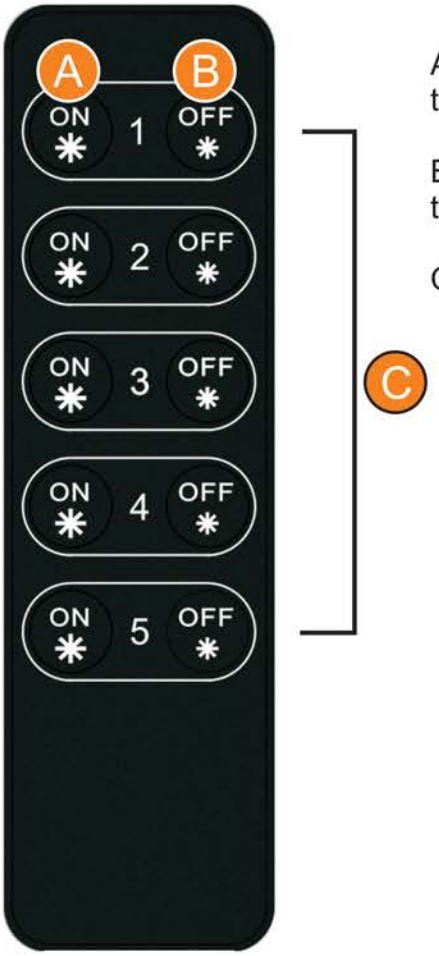
Memory Reset:

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.

5 ZONE REMOTE



A. short press ON button to turn on, long press to dim up

B. short press OFF button to turn off, long press to dim down

C. 5 zone independently control