User Guide

RF to 4 Channel 0-10V Dimmer

The LED driver receives and converts RF signal to 4 channel 0-10V signal to switch and dim single color, dual color, RGB or RGBW LED lighting. It can be compatible with a variety of RF remotes.
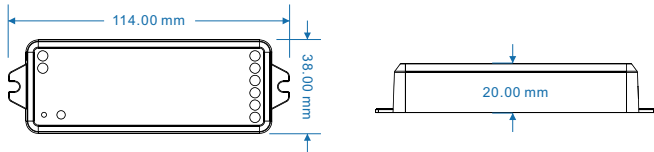
Feature

● RF to 4 channel 0-10V converter, match with RF remote.

● Output 4 channel 0-10V signal or 5V/10V PWM signal (need custom).

● Output connect with 0/1-10V dimmable driver.

● Reliable and stable switch and dimming control without flickering.

● Compatibility with a variety of single color, dual color or RGB/RGBW remote.

● Adopt 2.4GHz wireless technology, remote distance up to 30m.

● Can be WiFi controlled by APP installed on IOS/Android mobile devices while working with WiFi-Relay controller.
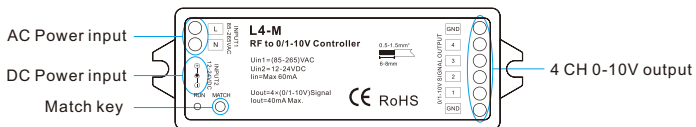
Technical parameter

Model	Input voltage	Output signal	Output current	Light type	Size(mm)
L4-M	85-265VAC or 12-24VDC	0-10V	4CH,20mA/CH	Single color,dual color, RGB/RGBW	114x38x20

Dimension

114.00 mm

38.00 mm

20.00 mm

Interface specification

AC Power input

DC Power input

Match key

L4-M
RF to 0/1-10V Controller

Uin1=(85-265)VAC
Uin2=12-24VDC
Iin=Max 60mA

Uout=4×(0/1-10V)Signal
Iout=40mA Max.

4 CH 0-10V output

CE RoHS

Match guide

L4-M receiver match with all kinds of single or multiple zone 2.4G RF remote controller.

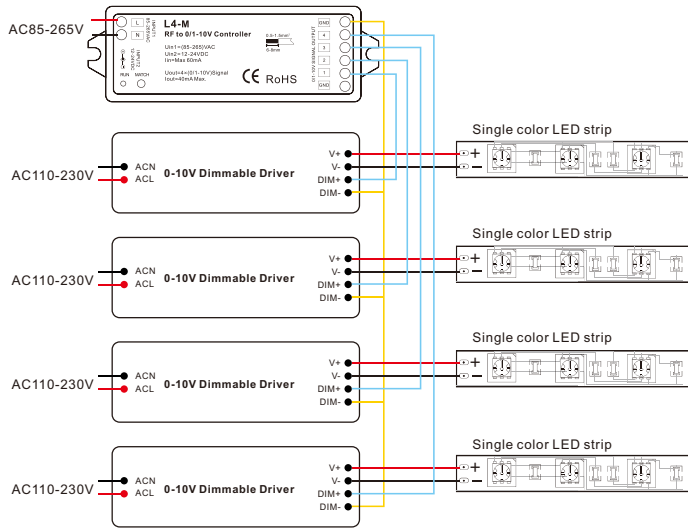After match different color RF remote, the receiver become the same color controller.

Use Match key

1. Match:
   Short press match key, within 5s, press on/off key or zone key of the remote.
2. Delete:
   Long press match key for 5s, delete all matched remote.
3. Multiple zone remote only use zone key to match each zone receiver.

Use Power-up

1. Match:
   Switch off the power, then switch on power again,
   short press on/off key or zone key 3 times on the remote quickly within 5s after power on,
   the link is done once the light blinks 3 times.

2. Delete:
   Switch off the power, then switch on power again,
   short press on/off key or zone key 5 times on the remote quickly within 5s after power on,
   the unlink is done once the light blinks 5 times.

3. Multiple zone remote only use zone key to match each zone receiver.

Wiring diagram

Safety information

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.