4 in 1 Universal RF+Bluetooth LED Controller

Bluetooth® CE FC RoHS COMPLIANT

Important: Read All Instructions Prior to Installation

Function introduction

12-24VDC Power input

LED indicator, normally stays off, flashes when receives control signal

RF+Bluetooth LED Controller

Input Voltage DC 12-24V
Output Current 4A/CH
Max Power 48-96W/CH
Ta:-20℃-+50℃

• tc=75℃

ON
1 2 DIM
     CCT
     RGBW
1 2 RGB+CCT

Prog.

Bluetooth® CE

V+
V+
V-
V-
0.5-1.5mm²
6-7mm

+
+
1- WW- R- R-
2- CW- G- G-
3- WW- B- B-
4- CW- W- WW-
5- NC NC CW-

Common Anode Output(+)

CH1:R/R/WW/1 output(-)
CH2:G/G/CW/2 output(-)
CH3:B/B/WW/3 output(-)
CH4:WW/W/CW/4 output(-)
CH5:CW/NC/NC/5 output(-)

NC = No Connection

Dial switch for device mode selection, DIM, CCT, RGBW and RGB+CCT 4 modes are available, factory default is RGB+CCT mode

Program Key: for pairing & delete pairing with RF+Bluetooth remotes

Product Data

Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)	Ambient Temperature	Max. Casing Temperature
12-24VDC	4A/CH	48-96W/CH	Constant voltage	145x46.5x16mm	-20℃ ~ +50℃	75℃

• 4 in 1 universal RF+Bluetooth LED controller, radio frequency: 2.4GHz

• 4 different device modes DIM, CCT, RGBW and RGB+CCT in 1 controller, and selectable by dial switch

• Enables to control ON/OFF, light intensity, color temperature, RGB color of connected LED lights

• Ultra powerful to control Single Color, CCT, RGBW, RGB+CCT LED strips

• Controlled through both smart App and remote controls, no gateway required

• Easy & quick pairing to the smart App by scanning QR code

• Mesh network, much longer control distance, transmits received signal to neighbor devices

• Up to 30m transmission distance between every two neighbor devices

• Encrypted two-way communication, quick status feedback, safe & reliable data transmission

• Compatible with universal RF+Bluetooth remotes, each LED controller can pair to max. 8 remotes

• Waterproof grade: IP20

Safety & Warnings

• DO NOT install with power applied to device.
• DO NOT operate the dial switches for device mode selection with power applied to device.
• DO NOT expose the device to moisture.

Operation

Pair/delete the pairing with RF+Bluetooth remote

1. Do wiring according to connection diagram.
2. Pair LED controller with RF+Bluetooth remote: please refer to the instruction of the remote that you would like to pair with.
3. Delete the pairing:
   (1) Wire up the LED controller correctly, power on.
   (2) Press and hold down the **" Prog."** button on the controller for over 3 seconds until the connected light flashes, which means well deleted.

Pair with smart APP

1. Do wiring according to connection diagram.
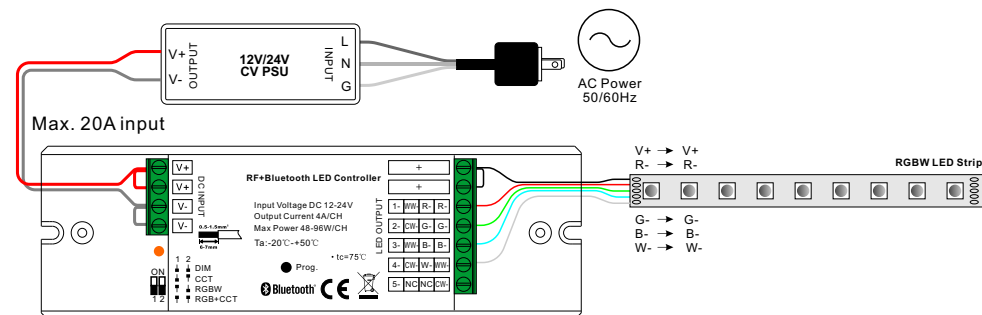2. Please refer to the **EasyThings** App user manual for details of adding device.
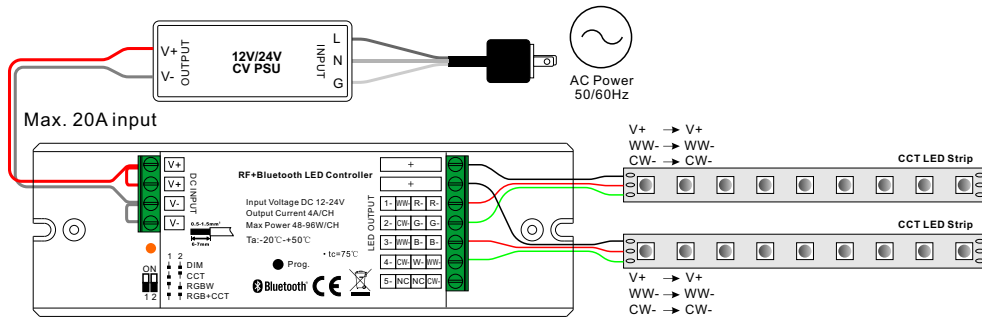
Wiring Diagram

1) RGB+CCT Mode
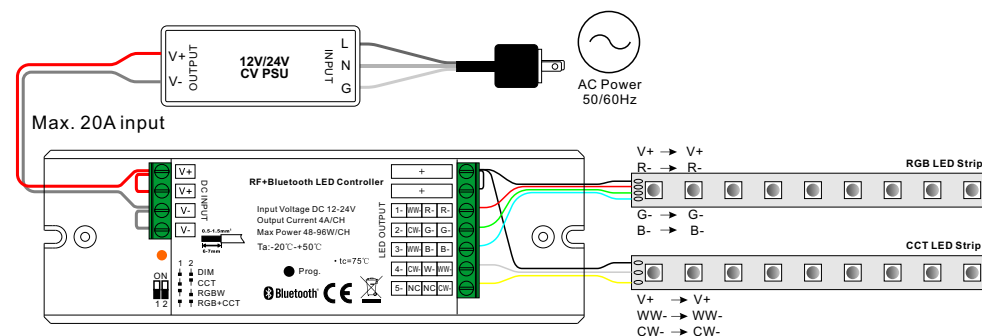
Note: please make sure the dial switches are at position for RGB+CCT mode as shown in above diagram.

2) RGBW Mode

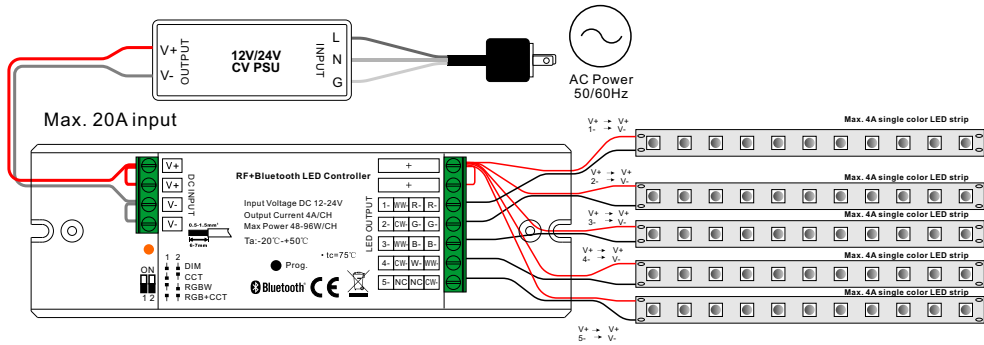**Note**: please make sure the dial switches are at position for RGBW mode as shown in above diagram.

3) CCT Mode

Note: please make sure the dial switches are at position for CCT mode as shown in above diagram.

4) DIM Mode

Note: please make sure the dial switches are at position for DIM mode as shown in above diagram.

Product Dimension