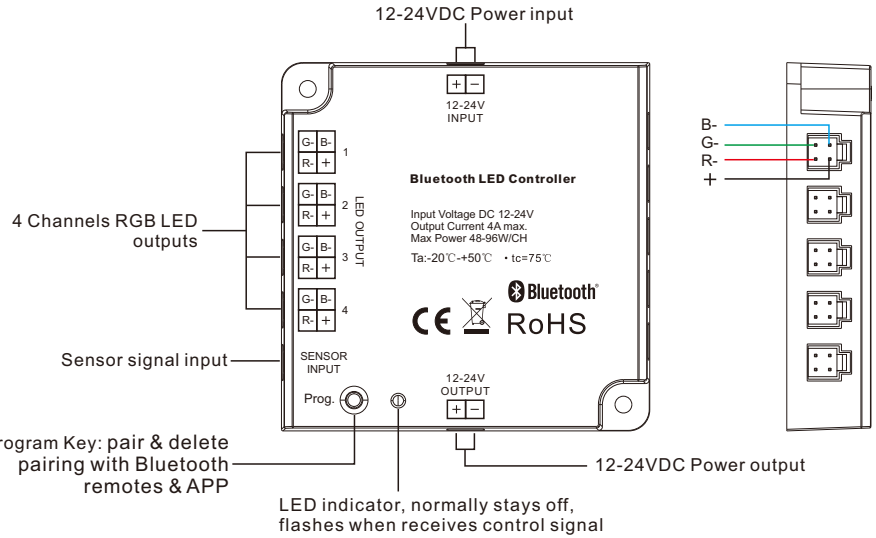
Bluetooth+Sensor RGB LED Controller

Important: *Read All Instructions Prior to Installation*

Function introduction



Product Data

Signal Input	Input Voltage	Output Voltage	Output Power	Output Current	Size (LxWxH)	Working Temp.
Bluetooth	12V	4x12V	0-48W	Max.4A	70x70x16mm	-20°C-+50°C -4°F- +122°F
	24V	4x24V	0-96W	Max.4A		

- Bluetooth+Sensor RGB LED controller, radio frequency: 2.4GHz
- Super slim design, plug and play, easy to use
- 4 channels RGB LED outputs, controlled simultaneously
- Enables to control ON/OFF, light intensity, RGB color of connected RGB LED lights
- Controlled through both smart App and remote controls, no gateway required for local control
- The controller can be configured as 4 different light types: RGB, DIM, ON/OFF using the smart APP
- Easy & quick pairing to the smart App by simply pushing the Prog. button
- 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 Bluetooth remotes, each LED controller can pair to max. 8 remotes
- Cloud control is available for remote access, works with Amazon Alexa and Google Home
- Waterproof grade: Ip20

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Operation

Pair/delete the pairing with Bluetooth remote

1. Do wiring according to connection diagram.
2. Pair LED controller with 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 (or reset power of the device 8 times continuously if the button is not accessible to factory reset the device) until the connected light flashes, which means well deleted.

Note: factory resetting will restore all configured parameters of the device on the APP to factory default setting.

Pair with smart APP

1. Do wiring according to connection diagram.

2. Download EasyThings APP from IOS APP Store or Android Google Play to your smart phone or tablet by searching "EasyThings". (As shown in **Figure 1**)

3. Enable Bluetooth on your smart phone or tablet. (As shown in **Figure 2**)

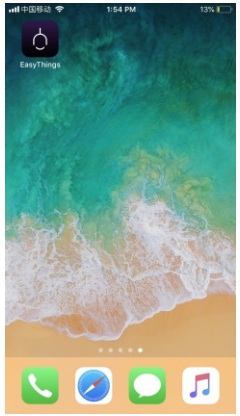


Figure 1

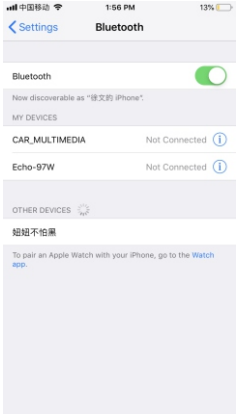


Figure 2

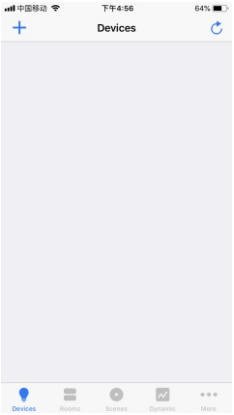


Figure 3

4. Run Easythings APP, tap add button " + " on the APP to add device, then choose "Discover devices" to discover device, then **short press the "Prog." button on the LED controller twice** (or **reset power of the controller twice continuously**) to set the device into pairing to APP mode. (As shown in **Figure 3** & **Figure 4** & **Figure 5**)

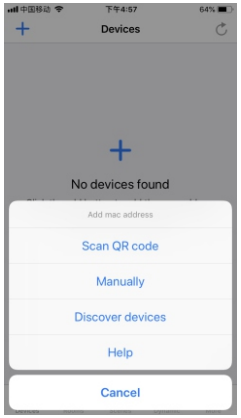


Figure 4

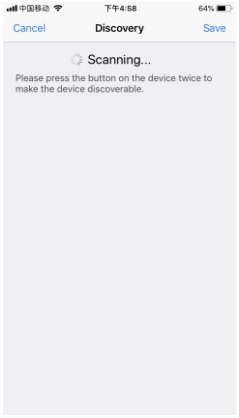


Figure 5

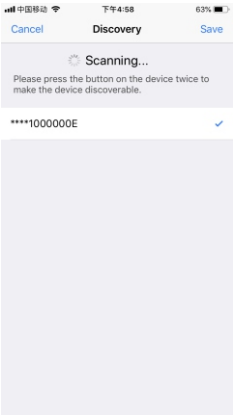


Figure 6

Note: multiple LED controllers can be discovered by the APP at the same time.

5. Once the device/devices are discovered, tick the device/devices and tap “Save” button, the device/devices will be added successfully. (as shown in **Figure 6**)

Configure Light Type Using smart APP

1. Press and hold the device icon to enter into control interface, then tap button “ ” at upper right corner to enter into edit page of this device (As shown in **Figure 7** & **Figure 8**).

2. Then tap “**Light Type**” to enter light type configuration page, for this controller, it can be configured as 4 light types: **RGB, DIM, ON/OFF**. Once select a Light Type, tap “ ’ at upper right corner to confirm, the connected light will flash to indicate successful configuration. (As shown in **Figure 8**)

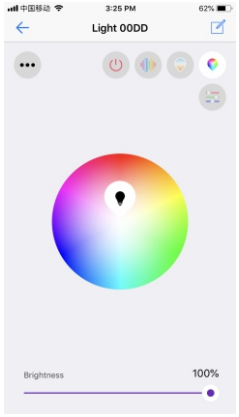


Figure 7

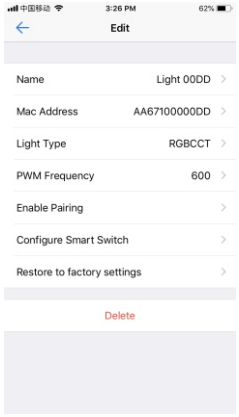
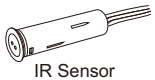


Figure 8

IR Sensor

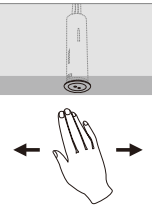
This IR sensor has the function to switch on/off the lights plugged into the LED controller.
- 5-10cm detection range.
- Plug and play solution.
- Cut out diameter of 12.5mm.
- 1m connection cable.

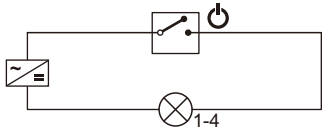
Sensor Control



IR Sensor

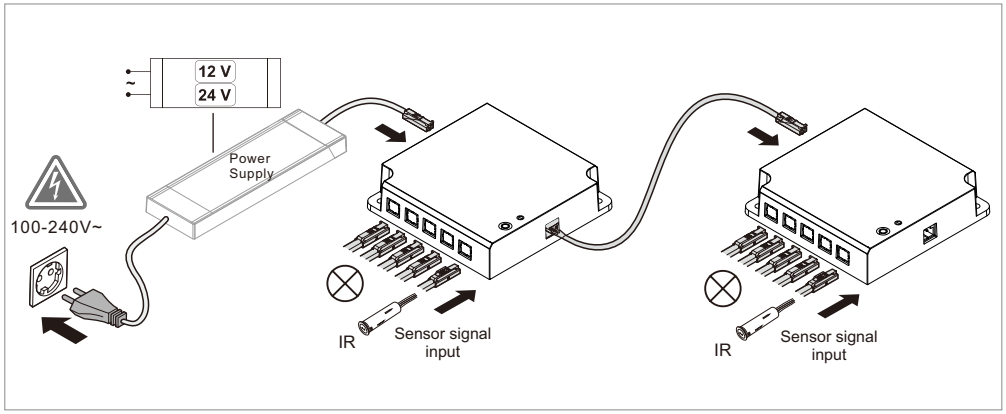
ON/OFF





When connected to an IR sensor, all 4 LED outputs will be controlled together by the sensor. Swipe hand in detection range of the sensor to switch on/off all 4 LED outputs.

Wiring Diagram



Product Dimension