

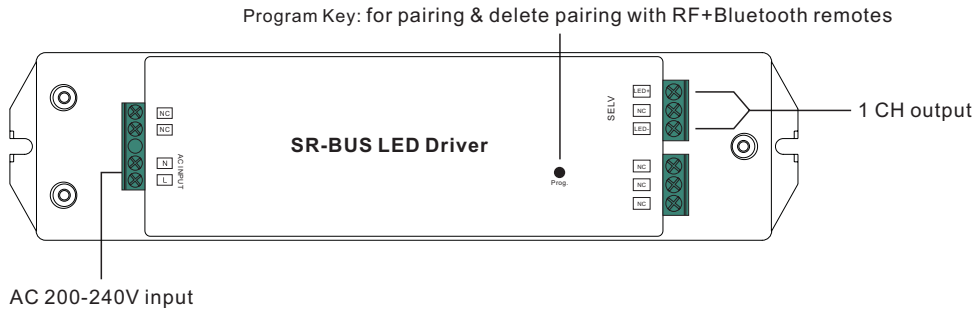
50W RF+Bluetooth LED Driver(Constant voltage)

70210013



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	DC Voltage	12V DC	24V DC
	Max. Current	Max. 4.16A	Max. 2.08A
	Rated Power	max. 50W	
Input	Voltage Range	200-240V AC	
	Frequency	50/60Hz	
	Power Factor (Typ.)	> 0.9	
	Efficiency (Typ.)	85% @ 230VAC	88% @ 230VAC
	Input Current	0.27A @ 230VAC	
	Inrush Current (Typ.)	COLD START Max. 2A @ 230VAC	
Protection	Over Current	Yes, auto recovery after fault removed	
	Over Temperature	Yes, auto recovery after fault removed	
Environment	Working Temp.	-20°C ~ +45°C	
	Max. Case Temp.	85°C (Ta="45°C")	
	Working Humidity	10% ~ 95% RH non-condensing	
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH	

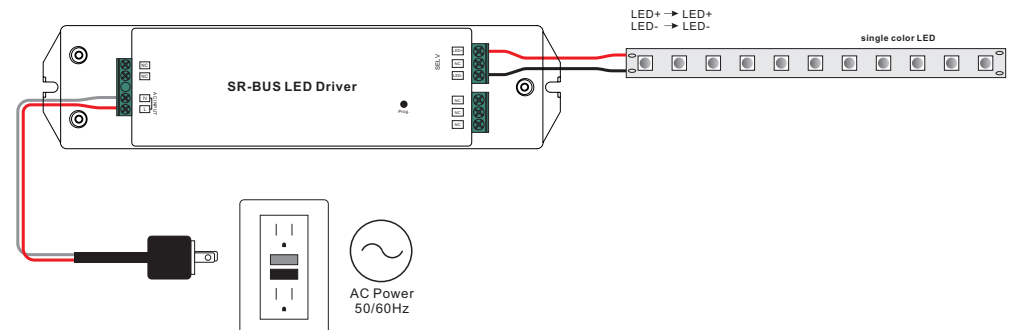
Safety&EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	EMC Emission	EN55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV
Others	MTBF	190400H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature
	Dimension	210*50*32mm (L*W*H)

- Dimmable LED driver with RF+Bluetooth control, dimming range 0.1%-100%
- Max. output power 50W
- 1 channel 12V/24V constant voltage output
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim single color LED lighting
- Controlled through both smart App and remote controls, no gateway required
- 2.4GHz global frequency
- Easy & quick pairing to the smart App by simply pushing the button
- Mesh network, much longer control distance, transmits received signal to neighbor devices
- Up to 30m transmission distance between every two neighbour 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
- 5 years warranty

Safety & Warnings

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

Wiring Diagram



Operation

Pair/delete the pairing with RF+Bluetooth remote

1. Do wiring according to connection diagram.
2. Pair LED driver 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 driver correctly, power on.
 - (2) Press and hold down the “Prog.” button on the driver 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

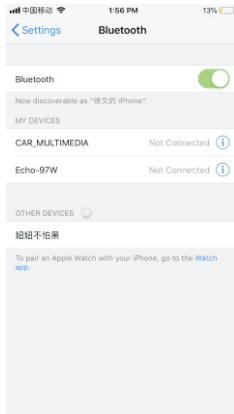


Figure 2

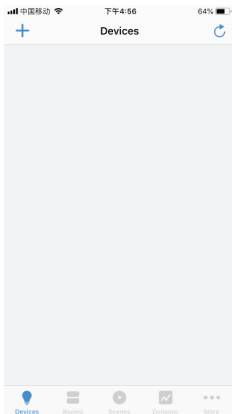


Figure 3

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 driver twice** (or **reset power of the driver twice continuously**) to set the device into pairing to APP mode. (As shown in **Figure 3 & Figure 4 & Figure 5**)

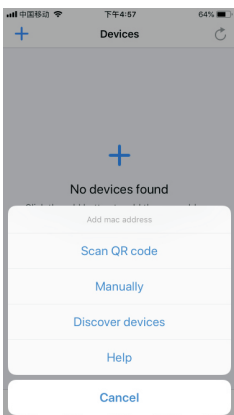


Figure 4

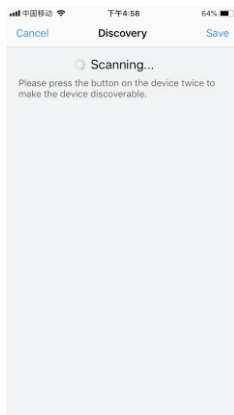


Figure 5

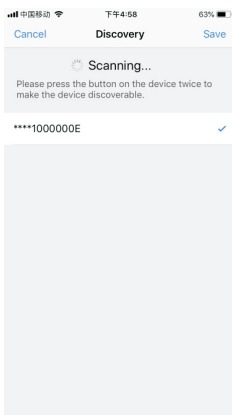


Figure 6

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

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

Product Dimension

