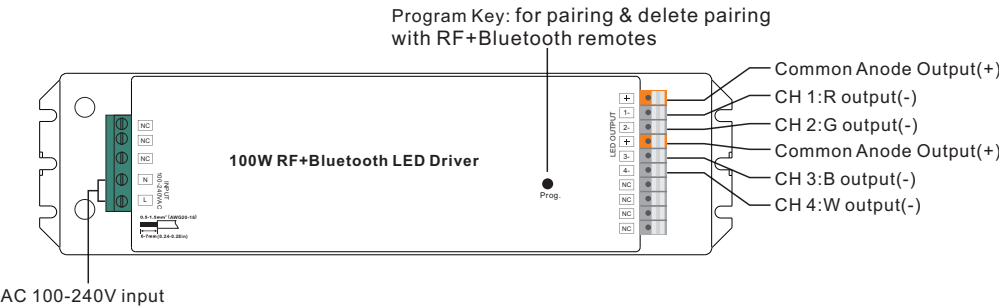


100W RF+Bluetooth Dimmable Driver



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	LED Channel	4
	DC Voltage	24V DC
	Max. Current	Max. 4.16A/CH, CH1+CH2+CH3+CH4=4.16A
	Voltage Tolerance	±1%
	Rated Power	max. 100W
Input	Voltage Range	100-240V AC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.90 @ 230VAC
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)
	Efficiency (Typ.)	90% @ 230VAC full load
	AC Current (Typ.)	1.2A @ 100VAC, 0.5A @ 230VAC
	Inrush Current (Typ.)	COLD START Max. 50A at 230VAC
	Leakage Current	< 0.5mA /230VAC
Control	Dimming Interface	RF+Bluetooth
	Dimming Range	0.1%-100%
	Dimming Method	Pulse Width Modulation
Protection	Over Current	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed

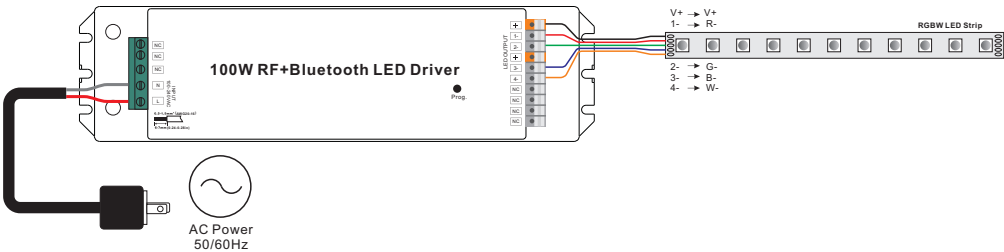
Environment	Working Temp.	-20°C ~ +45°C
	Max. Case Temp.	85°C
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Safety Standards	TUV EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
	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	186700H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature
	Dimension	244*64*32mm (L*W*H)

- Dimmable LED driver with RF+Bluetooth control, dimming range 0.1%-100%
- Max. output power 100W total
- 4 channels 24VDC constant voltage output
- Class 1 power supply, full isolated plastic case
- High power factor and efficiency
- To control RGBW LED lighting
- Controlled through both smart App and remote controls, no gateway
- The driver can be configured as five different light types: RGBW, RGB, CCT, DIM, ON/OFF using the smart APP
- 2.4GHz global frequency
- Easy & quick pairing to the smart App by simply pressing the 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 RF+Bluetooth remotes, each LED controller can pair to max. 8 remotes
- IP20 rating, suitable for indoor LED lighting applications
- 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

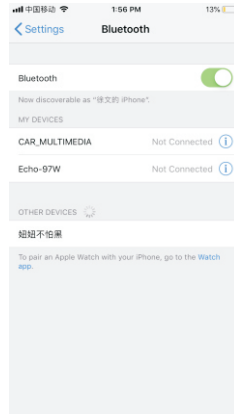


Figure 2

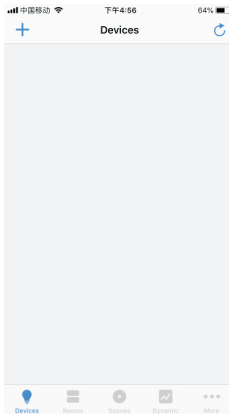


Figure 3

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**)

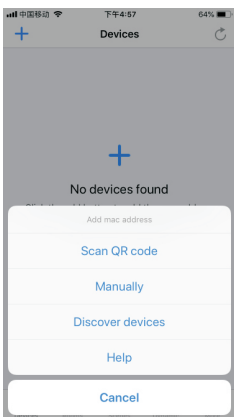


Figure 4

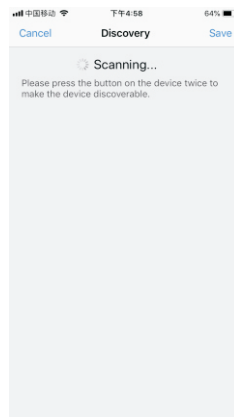


Figure 5

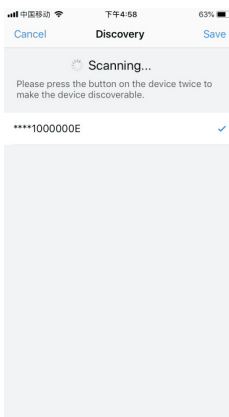




Figure 6

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

5. Once the device/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 driver, it can be configured as 5 light types: **RGBW, RGB, CCT, 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**)

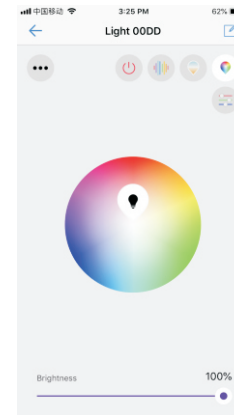


Figure 7

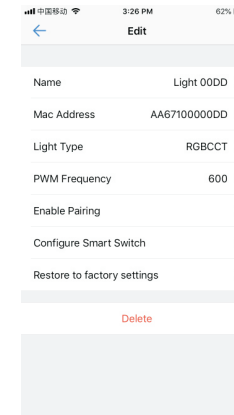
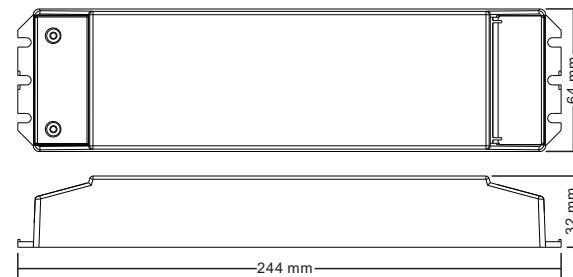
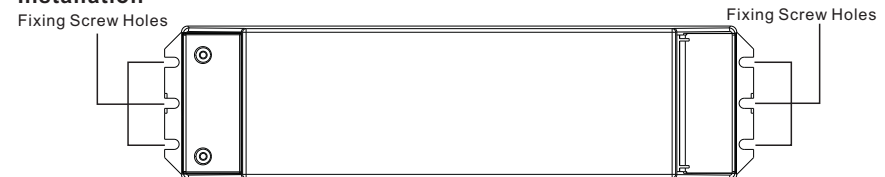


Figure 8

Product Dimension



Installation



Note: when mounting the driver, please choose any one of the three fixing screw holes to fix with a screw at each end.