

Product Specifications

NAME: 12-key Infrared Dimmer

Model: LED DIMMER 1CH 12KEY IR (L=5,12,24)



Summarization

12-key Infrared Dimmer Is a dedicated intelligent LED lighting dimmer control which adopts the most advanced PWM (Pulse Width Modulation) digital dimming technology with stepless brightness control. IR wireless remote control can also be used for remote dimming; Standards for commercial or home a low 86-type switch socket box installation, LED Dimmer switches can be installed to meet the light needs of

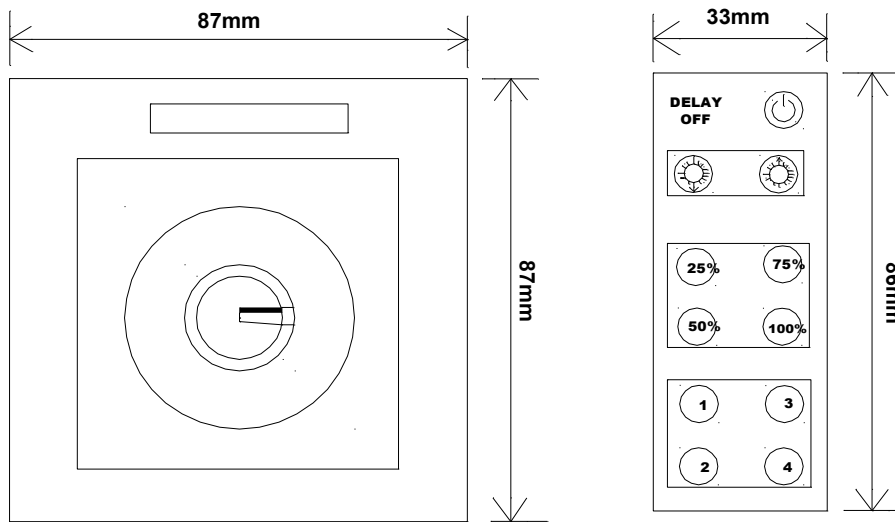
commercial or home lighting. To extend the LED life span, energy saving; power and low-power LED lighting can be dimming. Is used to control a variety of led lamps as the light source, For instance, point source of light, flexible light strip, wall washer lamp, glass curtain wall light and so on; With competitive price, easy wiring, simple to use etc.; Through the infrared remote control and dimmers on the knob to adjust brightness; Gray level 255; with custom features, delay shutdown function and a fixed gray scale output.

Technical parameters

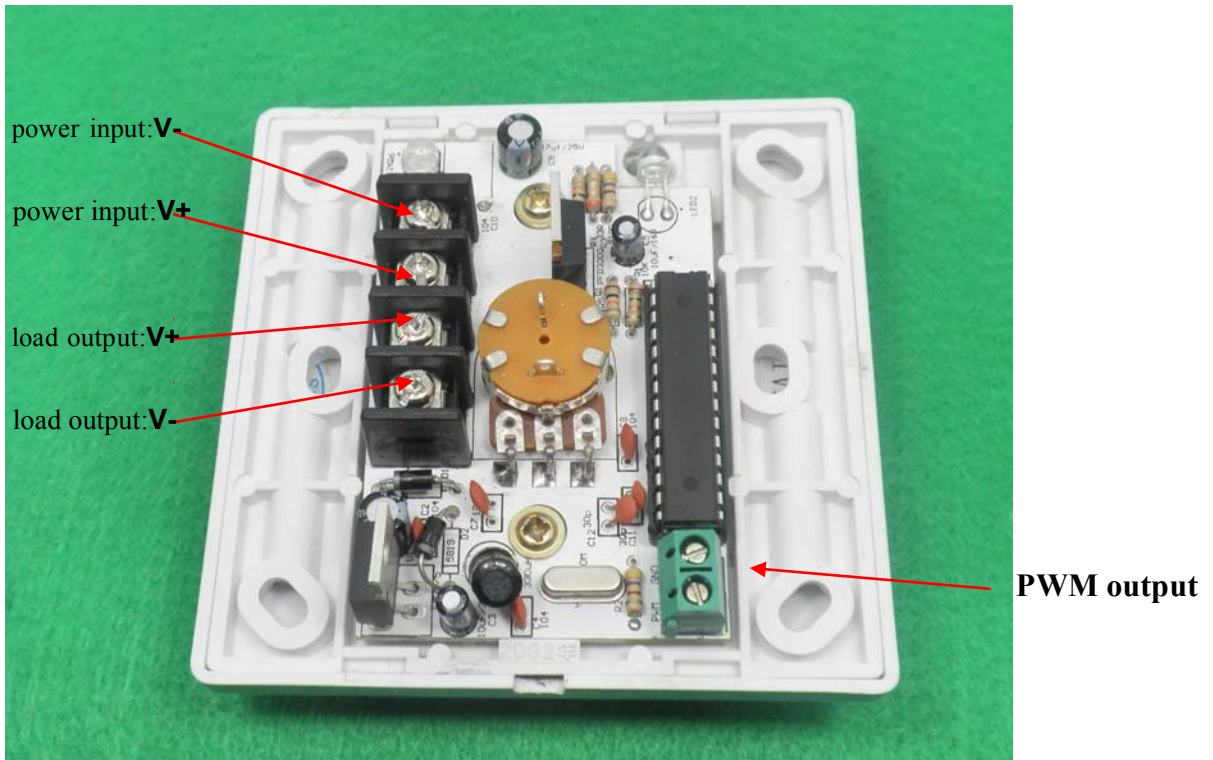
- Working temperature: -20-60 °C
- Supply voltage: 5V, 12V~24V <optional> (for orders specify voltage)
- Output: 1 channel
- Controller dimension: L87×W87×H53mm
- Remote dimension: L86×W33×H7mm
- Packing size: L160×W95×H51mm
- Net weight: 145g
- Gross weight: 180g
- Static power consumption: <1 W
- Output current: <8 A

- Output power: 5 V: <40W, 12V: <96W, 24V: <192W

External Dimension:





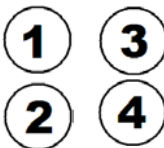


Interface Specifications



Direction for use

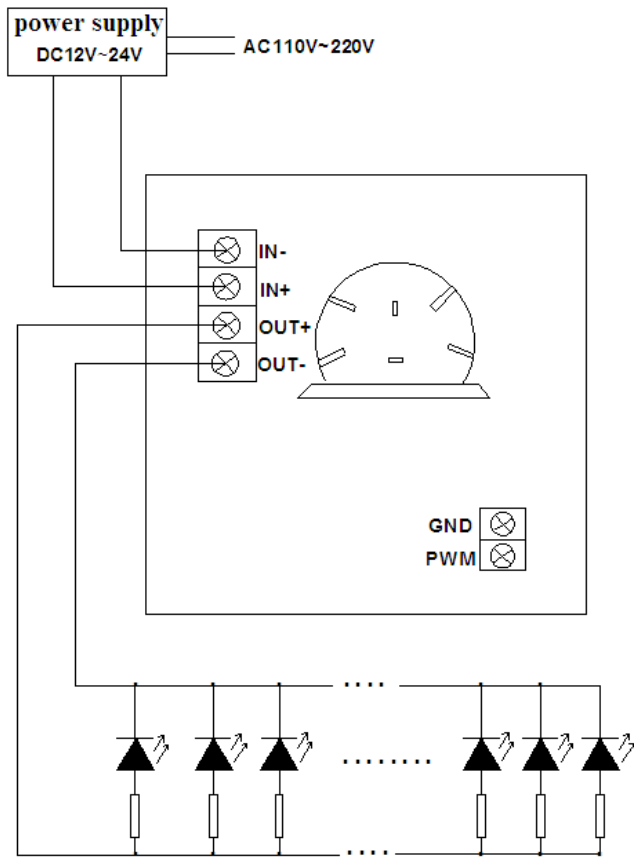
1. Connect the load wire at first, followed by the power wire; **Please ensure short circuit does not occur between connecting wires before you turn on the power;**
2. When operating, ensure that remote control faces the infrared receiver, and that there is no obstruction between remote controller and receiver. When dimmer receives an effective signal from the infrared remote control, the red light on the front side flickers. There are two methods of dimming:
 - (1). Infrared remote control adjustment mode; the key features as follow(range as the keys of remote controller)

Sign	Key name	Instruction
	ON/OFF	on/off key
	DELAY OFF	Delay off key: press this key,it will close in 30S automatically.
	BRT+ BRT-	Gray scale increase and decrease key; press once, Gray scale increase two grades, there are 255grayscales in total.
	HOTKEY	Brightness shortcut key: choose the correspond brightness through pressing the four keys.
	SCENE	DIY mode keys: there are 4 keys in total, press one key for 3S, then the indicator light flickers once, it shows the current brightness has been saved in this key, the four keys have the same function. Pressing once shows the previous saved brightness.

- (2) Regulation resistance adjust modes:

Rotary knob clockwise to increase brightness; knob counterclockwise rotation will decrease the brightness.

Typical Applications (一) :



Typical Applications (二)

