

# 安全隔离型 0/1-10V LED 调光器说明书 ETH-8008U+

## 一、产品特点:

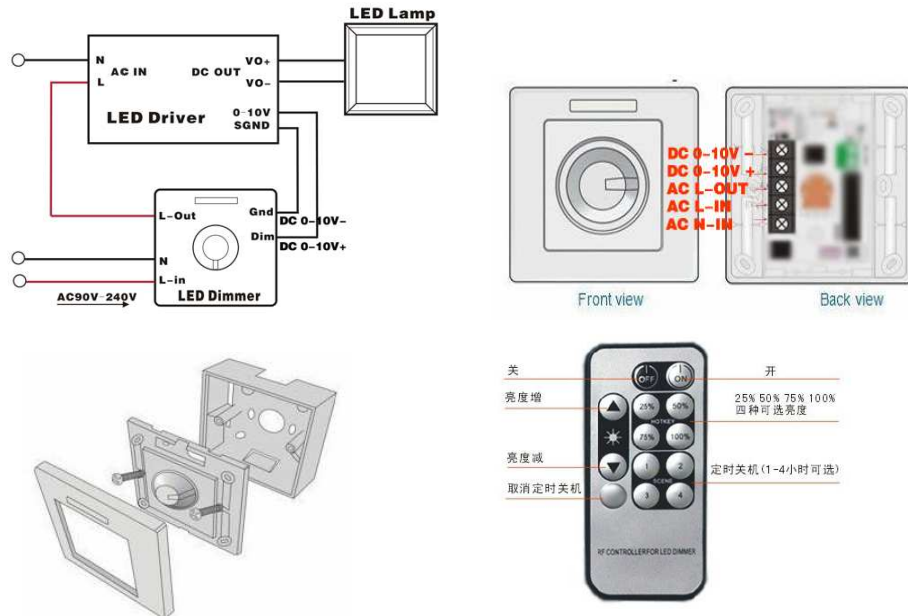
ETH-8008U+是一款安全隔离型 0/1V-10V LED 智能调光控制器, 采用目前最先进的 PWM (脉冲宽度调制) 数字化亮度调节技术, 可以手动旋钮无级调节亮度, 也可以用 IR 红外无线遥控来远距调光。可以用于控制各种以 0/1-10V 为调光信号的 LED 可调光驱动及调光电子整流器, 以调节 LED 灯具的亮度。调光范围 0-100%, 带亮度热键、定时关机等功能。

## 二、技术规格:

1. 最大负载功率: 800W
2. 供电电压: AC90V-240V 频率: 50/60Hz
3. 输出回路: 1 路
4. 采用安全隔离电路设计, 以保护负载不因电压波动而损坏:
5. 开关最大承载电流: 10A (具体请见产品盒里所附说明书)
6. 调光电流: < 300mA
7. 调整电压和电流: 10%-100%
8. 调光范围: 1-100%无极调光, 无频闪
9. 开关形式: 手动控制 + 红外线遥控
10. 输出电压: 标准 0-10V 信号
11. 定时关机功能: 1-4 小时可选
12. 遥控距离: 10 米
13. 兼容市面 90%以上以标准 0/1-10V 为调光信号的驱动器, 特殊功能可按客户要求订制。

## 三、使用说明:

1. 该控制器的输入电压是 AC90V-240V。
2. 先连接负载线, 再接电源线, 上电前确保连接线之间无短路现象。
3. 面板旋钮: 顺时针旋转旋钮为增加亮度, 逆时针旋转为降低亮度;
4. 遥控操作: 请先将新的遥控器下方的隔离透明片取出, 将遥控器对着红外接收头, 确保遥控器与接收头之间没有干扰性障碍物, 当调光器接收到红外遥控器有效信号后, 其上侧指示灯闪烁。遥控器的“亮度增、减”键可长按快速调光。



## 温馨提示:

在调光器接入交流电后, 请不要用手接触电路板, 以免触电危险! 请在专业技术人员的指导下安装。

## 四、保修: 本产品保修期为两年, 但不包括人为损坏或超负荷工作的情况。User

# Manual-Isolated 0/1-10V LED Dimmer ETH-8008U+

## 1. General information

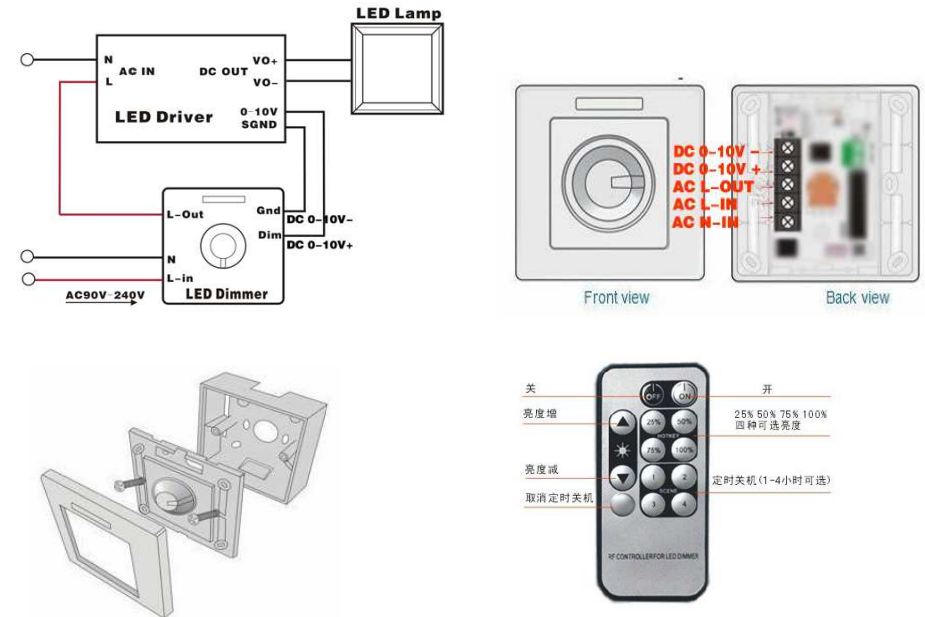
ETH-8008U+ is a security isolated 0/1-10V intelligent dimmer for LED lighting brightness adjusting, and with manually knob adjusting and IR wireless remote adjusting optional. It suitable to control the LED dimming driver and electronic rectifier which based on 0/1-10V dimming signal, to adjust the brightness of the LED lamp or fluorescent lamp, etc. It has grey scale level 256, with scheduled shut down (1-4 hours), brightness hot key and fixed gray output functions.

## 2. Specifications

- 1) Max load power: 800W
- 2) Supply voltage: AC90-240V 50/60Hz
- 3) Output: 1 channel
- 4) Circuit design with security isolated, for protect load be safety.
- 5) Switch Max current: 10A (Specific more please refer to the manual)
- 6) Dimming current: < 300mA
- 7) Adjust the voltage and current: 10%-100%
- 8) Dimming range: 1-100%, no frequency glisten
- 9) Control mode: Manually and IR remote
- 10) Dimming voltage: 0-10V
- 11) Scheduled shut down: 1-4 hours
- 12) Remote distance: 10M
- 13) Compatible above 90% led driver which based on standard 0/1-10V dimming signal

## 3. Installation and use instructions

- 1) The input voltage of this controller should be AC90 -240V.
- 2) Never connect two wires directly in case of short circuit.
- 3) Knob operation: Rotary knob clockwise to increase brightness, knob counterclockwise rotation will decrease the brightness.
- 4) Remote control operation: First use, please take out the lucid spacer which under remote down side, the remote control facing the infrared receiver, ensure that there are no obstructions between remote controller and receiver, when dimmer receives an effective signal from the infrared remote control, the light on the upside flickers. Long press “+” and “-“ can be fast dimming



## 4. Notice:

Please touch the motherboard while dimmer is connecting to AC power, and setup must according technical guide

**5. Warranty:** Warranty of this product is two years, but exclude the artificial situation of damaged or overload working.