

0-10V Wireless Dimmer

E610P-RF

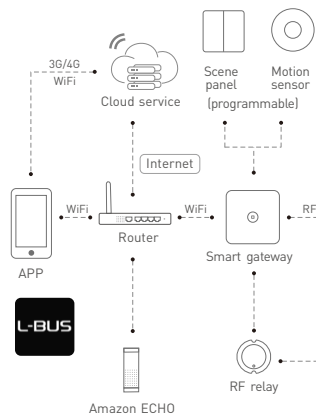


Manual

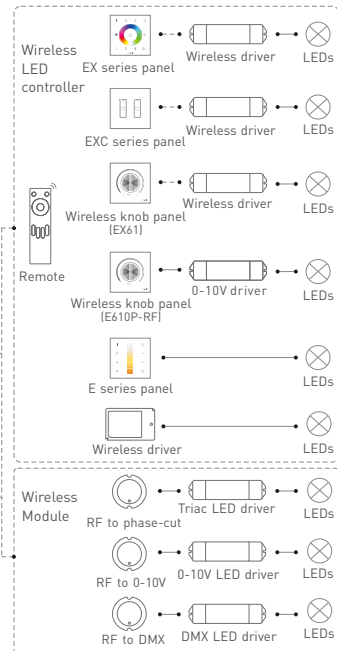
www.ltech-led.com

System diagram

L-BUS



--- Wireless connection
— Wired connection



Product features

1. Active 0-10V signal output dimming controller.
2. 100-240Vac power supply, simple connection, convenient control.
3. 0-10V output dimming signals can be controlled either by a knob panel or a wireless RF remote.
4. Work with L-BUS gateway to control the panel to dim remotely.
5. The built-in relay switch can be used to cut off the power line and is also suitable for the occasions ,where lights can not be turned off completely.

Note: This model of controller only receives RF wireless signal control and has no RF transmission function.

Technical specs

E610P-RF 0-10V wireless dimmer

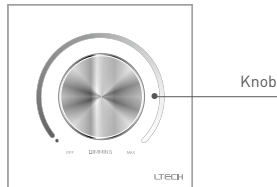
Input Voltage:	100~240Vac, 50-60Hz	Working Temp.:	-10°C~55°C
Switching Voltage:	Max. 250Vac	Anti Surge:	≤50A / 0.1S
Switching Current:	Max. 5A	Dimensions(L×W×H):	86×86×50(mm)
Output Signal:	0-10V, Max. 15mA	Package Size(L×W×H):	106×106×60(mm)
Wireless Signal:	RF 2.4GHz	Weight(G.W.):	220g



RoHS



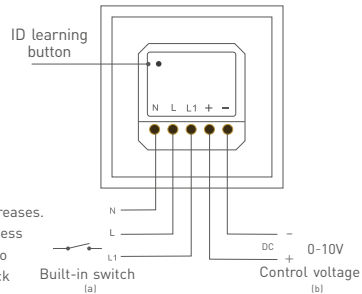
Key functions



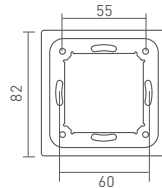
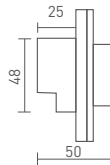
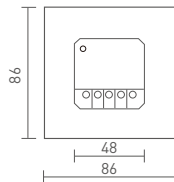
Knob

- * Turn the knob clockwise, the brightness increases.
- * Turn the knob counterclockwise, the brightness decreases. Turn the knob counterclockwise to the end, the dimmer will be turned off (A click can be heard).

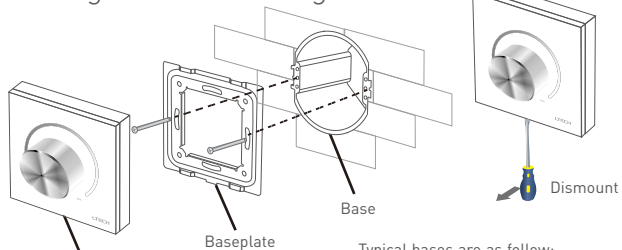
Terminals



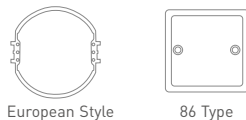
Product size Unit: mm



Mounting & Dismounting Instructions



Typical bases are as follow:

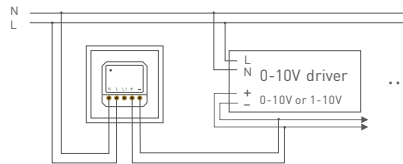


Application composition

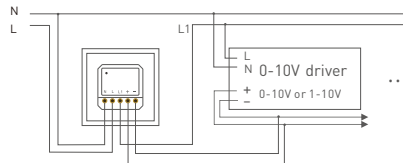
- Panel + 0-10V LED driver + Lamps
- Remote + Panel + 0-10V LED driver + Lamps
- WiFi gateway + Panel + 0-10V LED driver + Lamps
- WiFi gateway + Remote + Panel + 0-10V LED driver + Lamps

Wiring diagram

1. Dimming

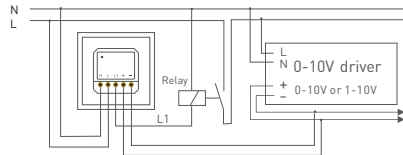


2. Built-in power switch



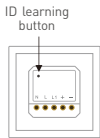
* An external high-power relay switch is needed when total load current of the dimmer switch is more than 5A or inrush current is more than 50A/0.1S. The damaged dimmer switch resulting from overload current is not recovered by warranty.

3. External Relay Switch Connection



Match code between panel & remote

1. Short press "ID learning button" on E610P-RF, the lamp flashes.



2. Hold down On/Off key on F1, or hold down On & Off keys on F5 for the pairing zone simultaneously. When the lamp is keeping on after brief flashes, pair successfully.



- * Automatically exit pairing mode after 15s.
- * One E610P-RF can be paired up with max 10 remotes.

Match code between panel & gateway

1. Turn on APP, enter "Zone setting" interface.

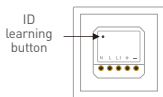


2. Click "MATCH" key in the upper right corner, then follow the prompts.



Clear code

Long press "ID learning button" on E610P-RF for 10s until the lamp flashes 5 times, clear code successfully.



Warranty Agreement

Thanks for your purchasing. Our products offer a 5-year warranty and you can enjoy free maintenance services within 5 years from the date of receiving products. Please contact your suppliers before sending products back to repair.

Warranty exclusions below:

- Any failure or damage of products caused by improper installation, operation, maintenance and storage ,which results from failing to follow manuals.
- Beyond warranty periods.
- Alter or tear up product bar codes without authorization.
- Change configuration files of products or dismantle products for repair without authorization.
- Artificial damage of products, such as Improper voltage, high temperature, water damage, mechanical damage, smash, serious oxidation, and rust.
- Failures or damage of products caused by force majeure , such as earthquake, fire disaster, flood, and electric shock.
- Failures or damage of products not caused by product designs, technology, manufacturing, or quality.

* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

0-10V 无线调光器

E610P-RF

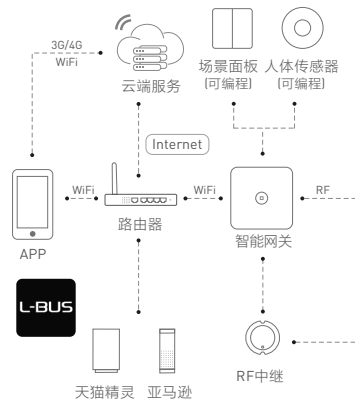


使用说明书

www.ltech.cn

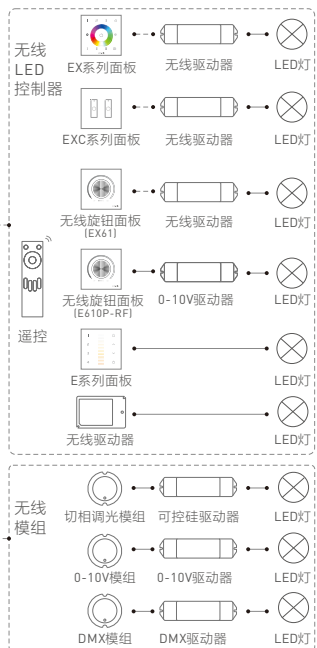
系统图

L-BUS



—— 有线连接

- - - 无线连接



产品特征

- 1、有源0-10V输出调光控制器。
- 2、100-240Vac零火线供电，接线简易，控制便捷。
- 3、既可旋钮控制输出0~10V调光信号，也能无线RF遥控面板输出0-10V调光信号。
- 4、搭配L-BUS网关，可实现远程控制面板调光。
- 5、内置继电器开关，可用于切断电源火线，也适用于灯光无法完全关灭的场合。

*注：此控制器只接收RF无线信号控制，没有RF发送功能。

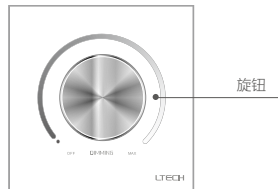
技术参数

E610P-RF 0-10V无线调光器

输入电压:	100~240Vac, 50-60Hz	工作温度:	-10°C~55°C
开关电压:	Max. 250Vac	抗浪涌:	≤50A / 0.1S
开关电流:	Max. 5A	产品尺寸:	L86×W86×H50(mm)
输出信号:	0-10V, Max. 15mA	包装尺寸:	L106×W106×H60(mm)
无线输入:	RF 2.4GHz	重量(G.W.):	220克

FC CE RoHS [质保5年]

面板说明

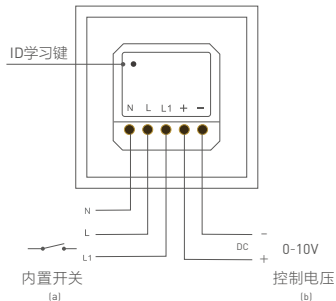


* 顺时针旋动，亮度增加。

* 逆时针旋动，亮度减少。

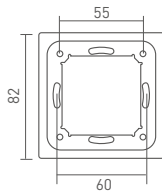
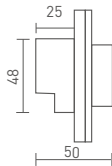
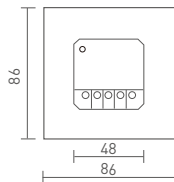
逆时针旋到底，调光器关闭（可听到咔嚓声）。

接线端子

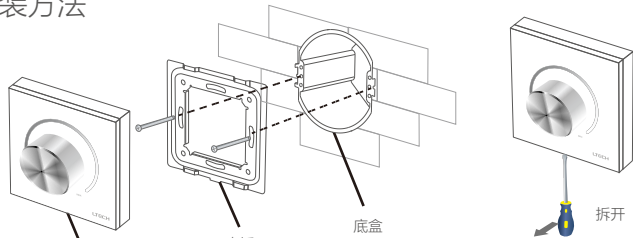


产品尺寸

单位：mm



拆装方法



典型底盒如下



欧式



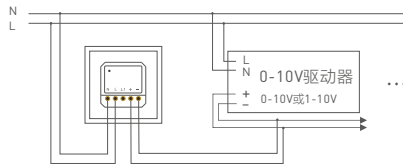
86盒

应用组合

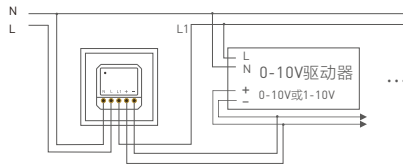


连线图

1. 调光

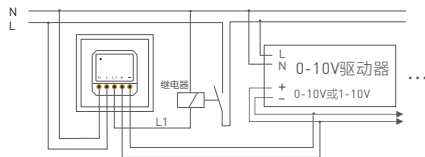


2. 内置电源开关



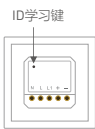
* 当调光器开关负载电流大于5A或浪涌电流大于50A/0.1S时, 需外接大功率继电器开关, 超载造成开关损坏不在保修范围内。

3. 外接继电器开关



面板与遥控的配对方法

1. 短按面板底壳ID学习键，负载灯闪烁。



2. 按下F1开关键不松手。或同时按下F5所需分区ON、OFF键不松手。面板负载灯快闪后恢复常亮，表示学习成功。



* 超过15秒自动退出学习状态。

* 每个面板最多可学习10个遥控。

面板与L-BUS网关学习

1. 打开APP，进入分区设置界面。

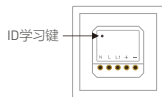


2. 点击右上角的“Match”键，按照App上的提示进行学习。



面板清码

长按旋钮面板上的ID学习键10秒，直到负载灯闪烁5次，清码成功。



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请注意：凡有以下情况之一者，不属于免费保修范围。

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- 已经超出保修期限的；
- 擅自涂改、撕毁产品条形码；
- 擅自改动本身固有的配置文件或擅自拆机修理；
- 人为导致产品损害，例如输入不合适电压，高温，进水，机械损坏，摔坏，产品严重氧化或生锈等；
- 因不可抗力力如地震、火灾、水灾、电击等导致的产品故障或损坏；
- 其他非产品本身设计、技术、制造、质量等问题而导致的故障或损坏。

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