

0-10V Wireless Dimmer

E610P-RF

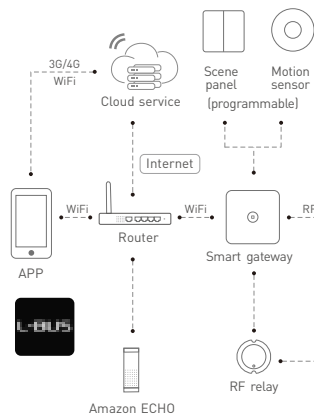


Manual

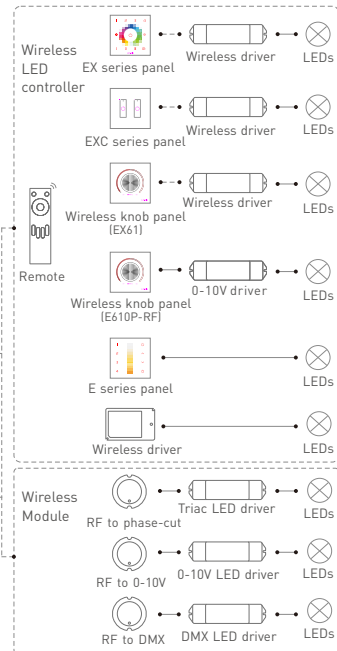
www.ltech-led.com

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

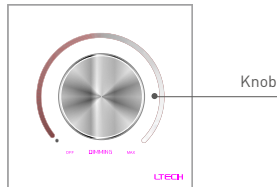
Input Voltage:	100~240Vac, 50-60Hz	Working Temp.:	-10°C~55°C
Switching Voltage:	Max. 250Vac	Anti Surge:	≤50A / 0.1S
Switching Current:	Max. 5A	Dimensions(L×W×H):	86×86×50(mm)
Output Signal:	0-10V, Max. 15mA	Package Size(L×W×H):	106×106×60(mm)
Wireless Signal:	RF 2.4GHz	Weight(G.W.):	220g



RoHS

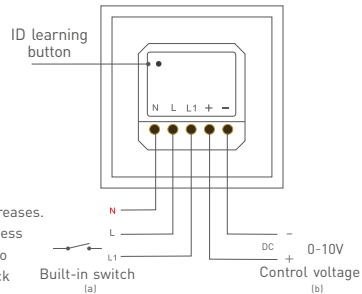


Key functions

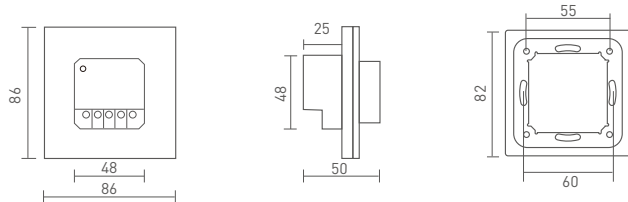


- * Turn the knob clockwise, the brightness increases.
- * Turn the knob counterclockwise, the brightness decreases. Turn the knob counterclockwise to the end, the dimmer will be turned off (A click can be heard).

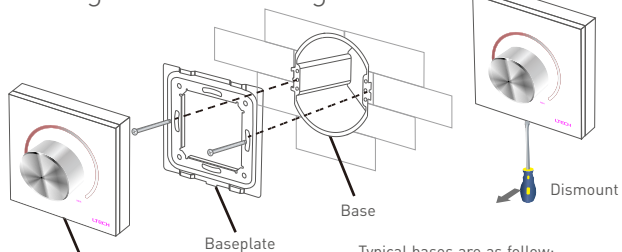
Terminals



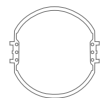
Product size Unit: mm



Mounting & Dismounting Instructions



Typical bases are as follow:



European Style



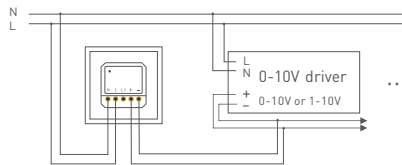
86 Type

Application composition

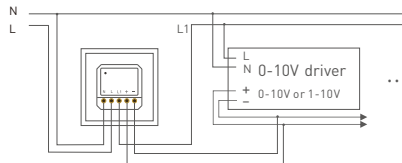
- Panel + 0-10V LED driver + Lamps
- Remote + Panel + 0-10V LED driver + Lamps
- WiFi gateway + Panel + 0-10V LED driver + Lamps
- WiFi gateway + Remote + Panel + 0-10V LED driver + Lamps

Wiring diagram

1. Dimming

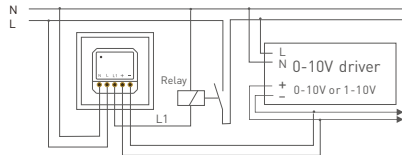


2. Built-in power switch



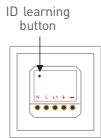
* An external high-power relay switch is needed when total load current of the dimmer switch is more than 5A or inrush current is more than 50A/0.1S. The damaged dimmer switch resulting from overload current is not recovered by warranty.

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.

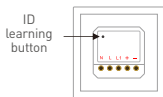


2. Click "MATCH" key in the upper right corner, then follow the prompts.



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.