




LTECH E610P-RF 0-10V Wireless Dimmer User Manual

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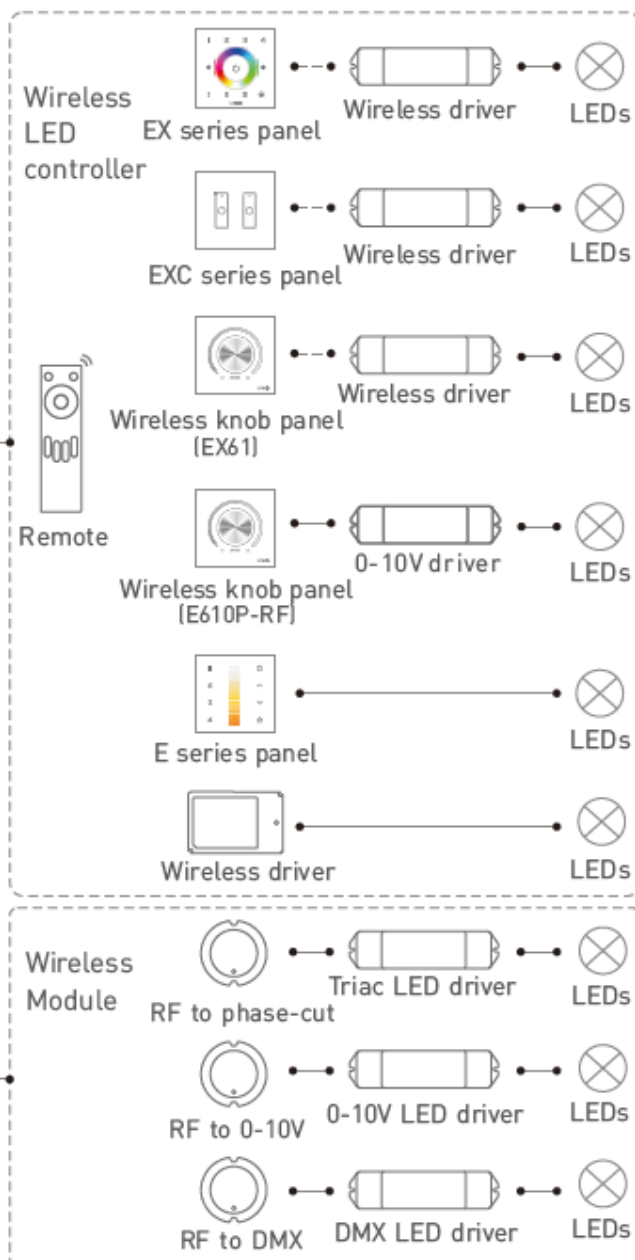
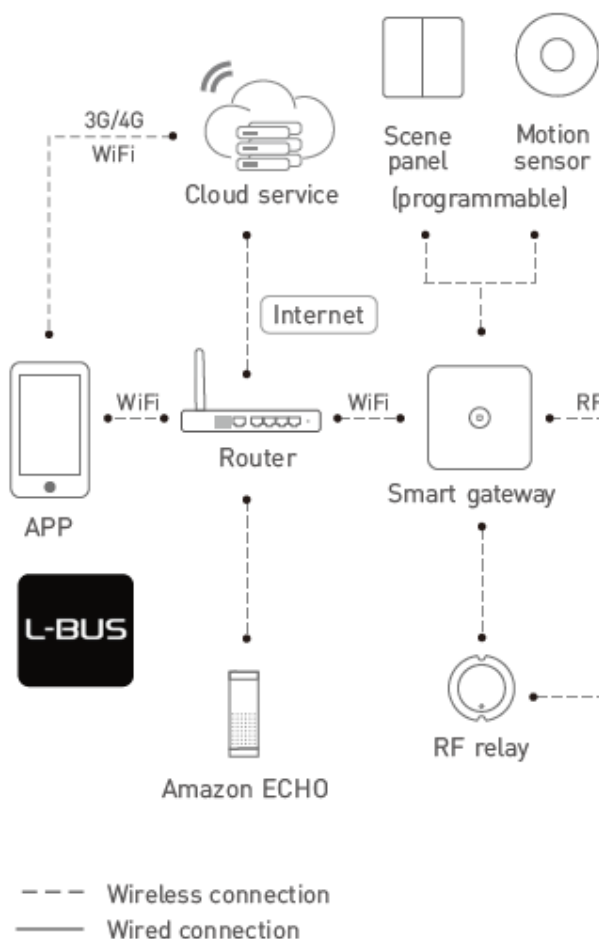


LTECH E610P-RF 0-10V Wireless Dimmer



System diagram

L-BUS



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 occasions, where lights can not be turned off completely.

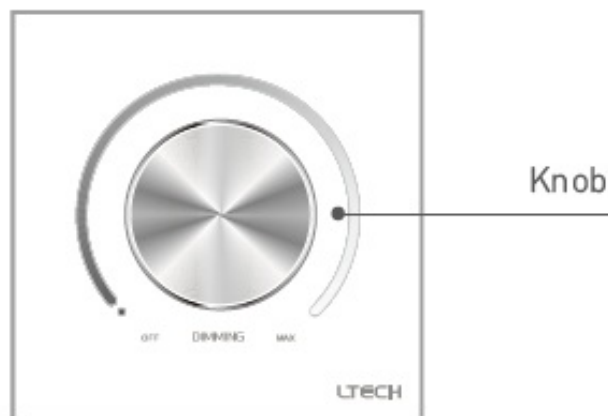
Note: This model of the controller only receives RF wireless signal control and has no RF transmission function.

Technical specs

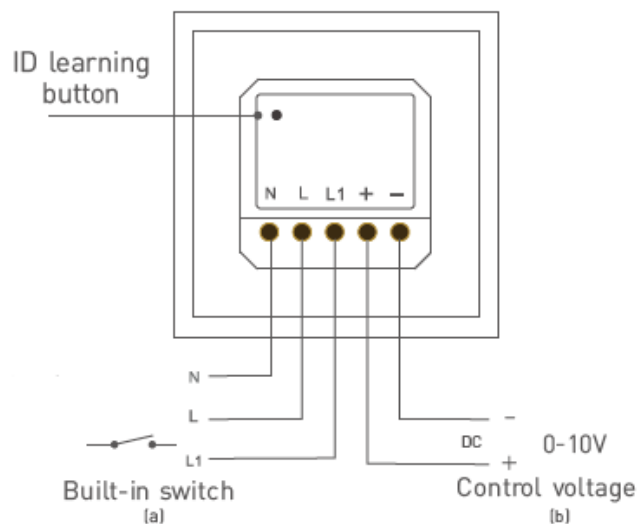
E610P-RF 0-10V wireless dimmer

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

Key functions

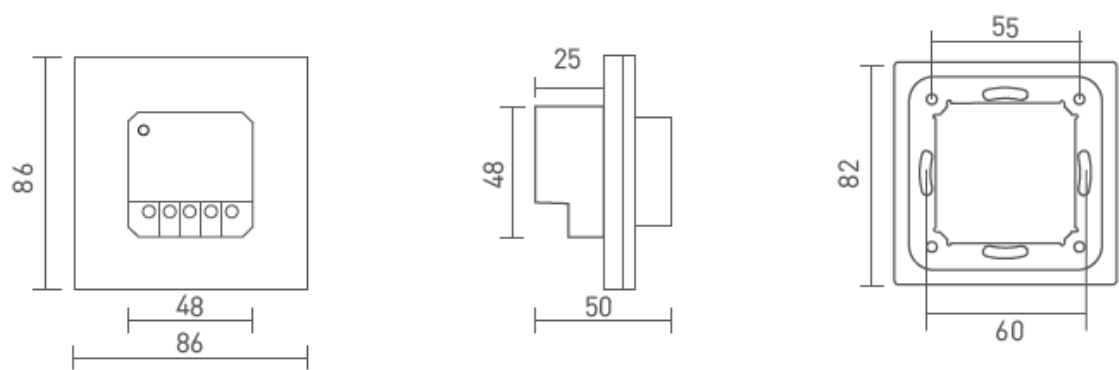


Terminals

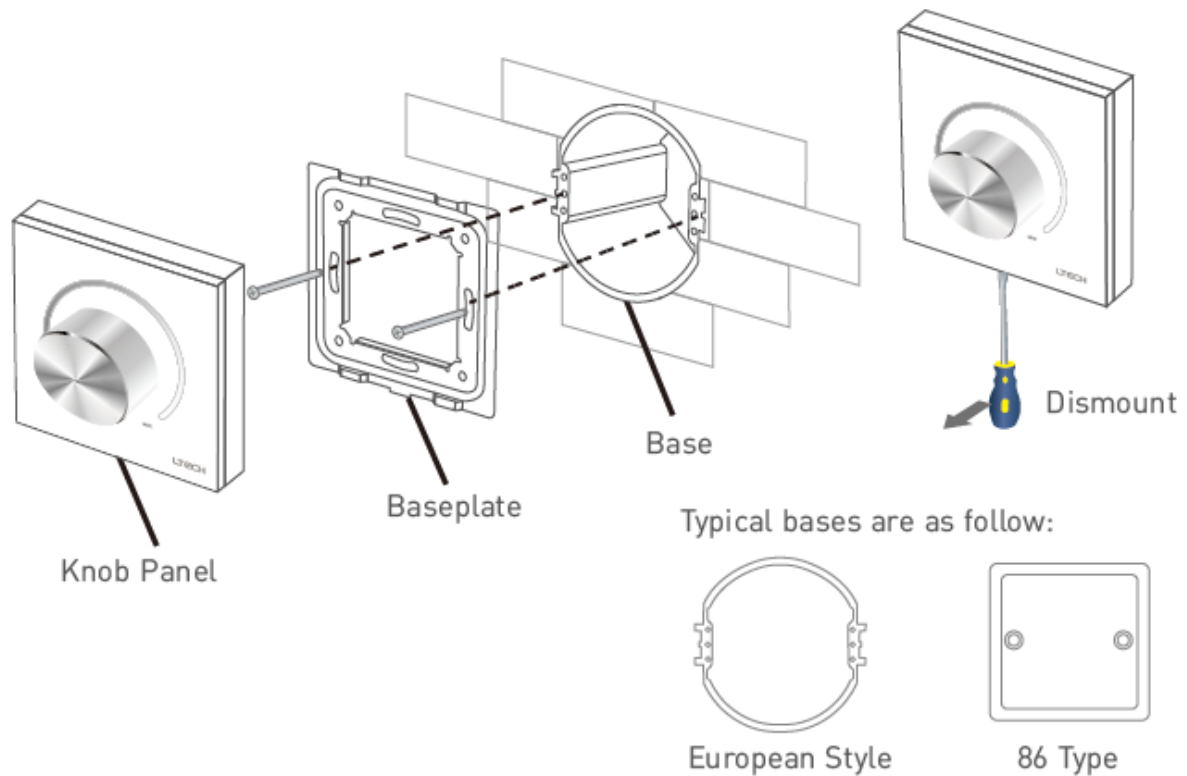


Turn the knob clockwise, the brightness increases. Turn the knob counterclockwise, the brightness decreases. Turn the knob counterclockwise to the end, the dimmer will be turned off(A click can be heard).

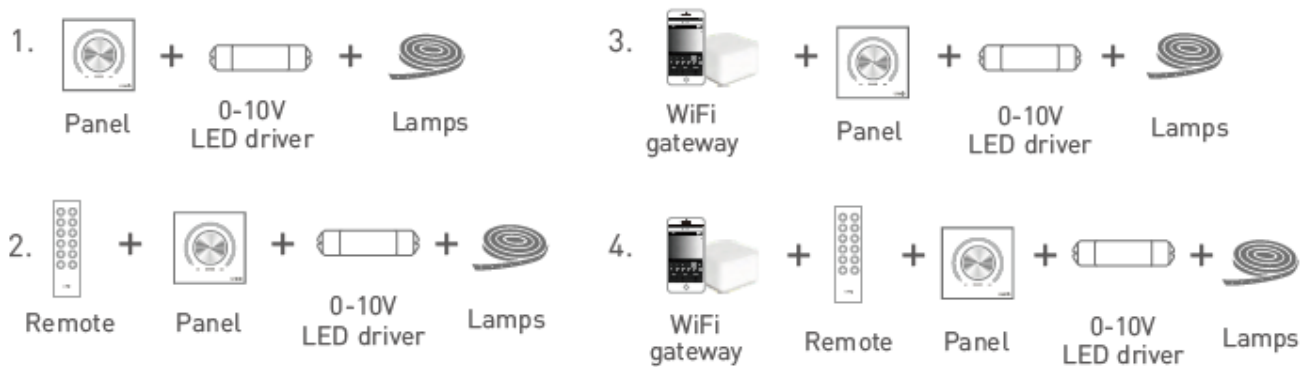
Product size Unit: mm



Mounting & Dismounting Instructions

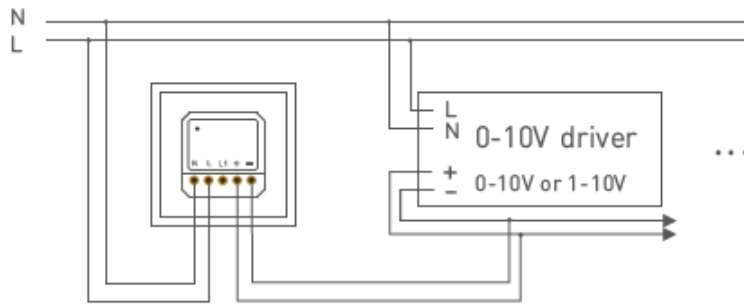


Application composition

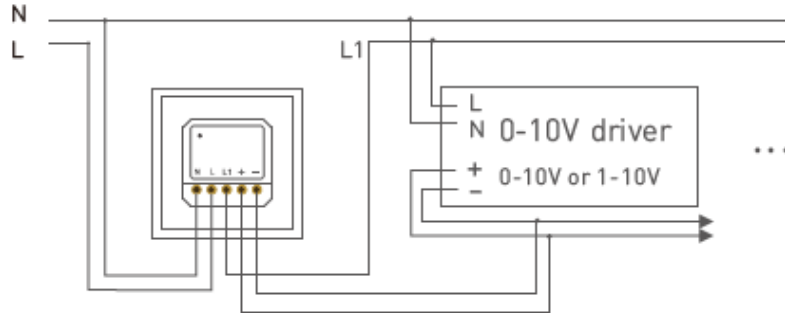


Wiring diagram

Dimming

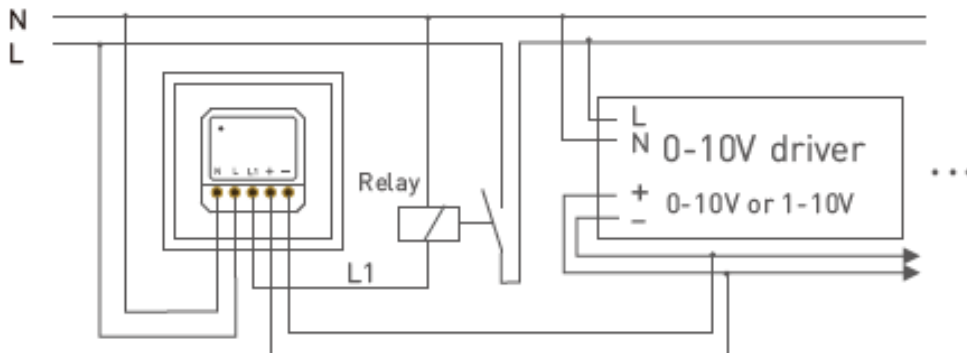


Built-in power switch



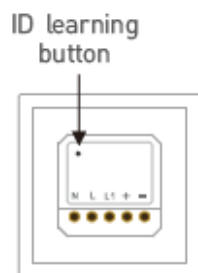
An external high-power relay switch is needed when total load current of the dimmer switch is more than 5A or inrush current is more than 50A/0.1S. The damaged dimmer switch resulting from overload current is not recovered by warranty.

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

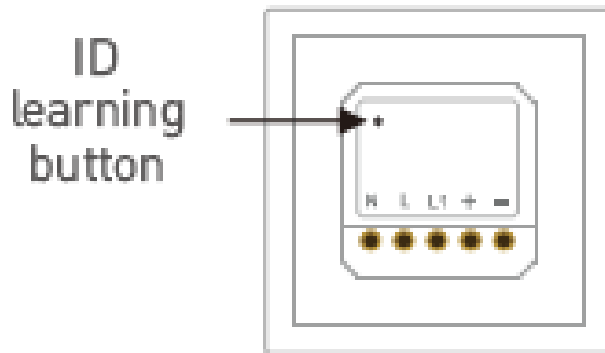
1. Turn on APP, enter "Zone setting" interface.



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



Clear code



Warranty Agreement

Thanks for your purchase. 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, 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 are 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 questions.

www.ltech-led.com

Documents / Resources

	LTECH E610P-RF 0-10V Wireless Dimmer [pdf] User Manual E610P-RF, 0-10V Wireless Dimmer
	LTECH E610P-RF 0-10V Wireless Dimmer [pdf] Instruction Manual E610P-RF, 0-10V Wireless Dimmer

References

- [LED Controller](#) | [LED Dimmable Driver](#) | [LED Intelligent Lighting](#) | [Intelligent Home -LTECH](#)