

LTECH

0-10V Tunable White LED Dimmer



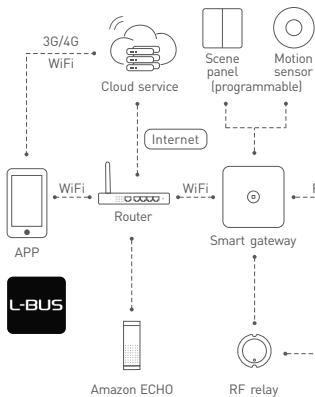
E610P-CT

Manual

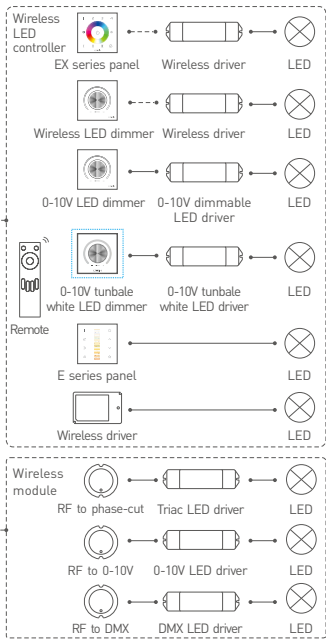
www.ltech-led.com

System Diagram

L-BUS



————— Wired connection
- - - - - Wireless connection



Product Features

- Powered by 100-240Vac, no external power needed.
- Switch on/off, adjust brightness and color temperature.
- Work with 0-10V tunable white LED drivers. Dimming does not change CT, and CT adjustment does not affect brightness.
- Stepless adjustment knob, 0.1-100% dimming range.
- Soft start function enhances your visual comfort.
- Work with F series, Q series remotes to gain easy control of lighting.
- Work with the L-BUS gateway (WiFi-108) to remotely control lighting and scenes with the APP.
- Installed into a 86 type or European style junction box.

Technical Specs

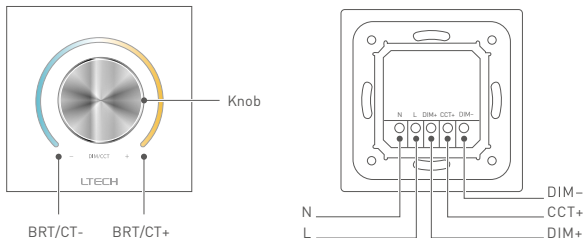
E610P-CT 0-10V Tunable White LED Dimmer

Input:	100-240Vac, 50-60Hz	Working Temp.:	-10°C~55°C
Communication Mode:	RF 2.4GHz	Dimensions (LxWxH):	86x86x50mm
Output:	0-10Vx2CH, 15mAx2CH	Package Size (LxWxH):	105x105x63mm
Anti Surge:	≤50A/0.1S	Weight (G.W):	220g



RoHS

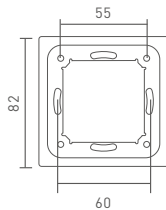
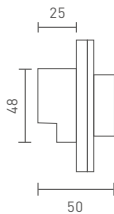
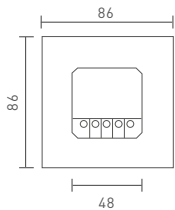
Function Description



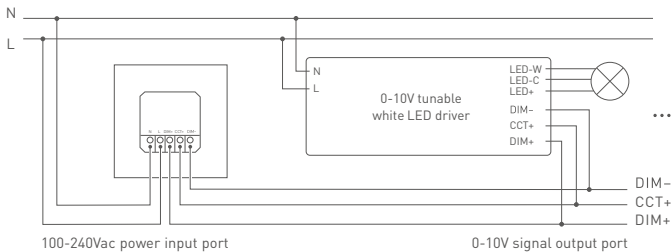
Name	Function	Description
Knob	Single click	Switch on/off
	Double click	Switch DIM/CT mode
	Clockwise rotation	Brightness increases/color temperature gets warmer. When the BRT/CT is adjusted to the maximum level, a buzzer sound is produced
	Counterclockwise rotation	Brightness decreases/color temperature gets cooler. When the BRT/CT is adjusted to the minimum level, a buzzer sound is produced
	Long press	When the lamp is off, press and hold the knob for 5s to turn sound (buzzer) on/off
Panel plate	Indicator light	Switch to DIM mode: the indicator light is white and stays on Switch to CT mode: the indicator light is yellow and stays on

Product Size

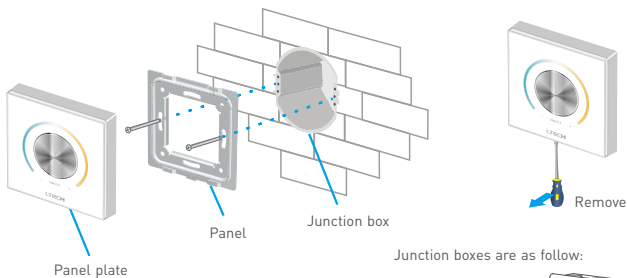
Unit: mm



Wiring Diagram



Installation Instructions



European style



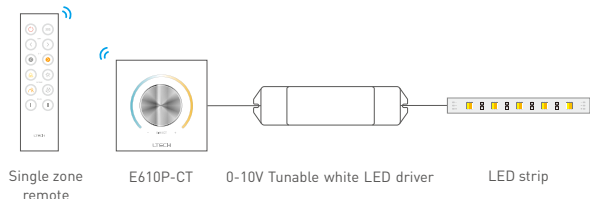
86 type

Applications

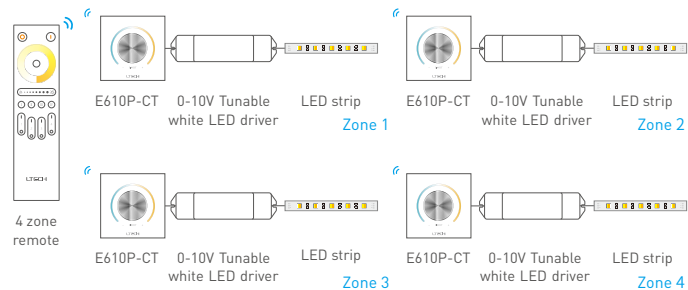


RF Wireless Wiring

Single Zone Control



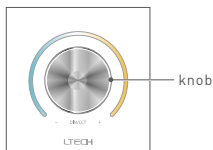
Multiple Zone Control



* Dimmers can be controlled synchronously by multiple remotes, please refer to the remote manuals for detailed instructions.

Pair Dimmer with Remote

When the lamp is on, press and hold the knob for 5s until the yellow indicator light flashes. Then long press the ON/OFF button or the zone button of the remote until the indicator light of the dimmer stops flashing and the buzzer makes a beep, meaning the dimmer is paired successfully with the remote.



Pair with F Series Remote

Single zone remote: long press the ON/OFF button of the remote.
When the indicator light stops flashing, the dimmer is paired successfully with the remote.

Multi-zone remote: long press both the ON and OFF button of the zone that needs to be paired. When the indicator light stops flashing, the dimmer is paired successfully with the remote.



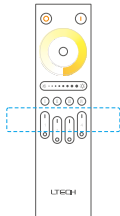
F2 (Single-zone)



F6 (Multi-zone)

Pair with Q Series Remote

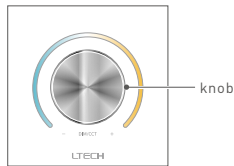
Long press the ON button of the zone that needs to be paired. When the indicator light stops flashing, the dimmer is paired successfully with the remote.



Q2 (Multi-zone)

Pair Dimmer with Gateway

1. When the lamp is on, press and hold the knob for 5s until the yellow indicator light flashes and the buzzer makes a beep, meaning it's ready to pair with the gateway.



2. Turn on L-BUS APP and access the "Zone Settings" interface. Then click "Match" in the top right corner and follow the APP instructions to operate.

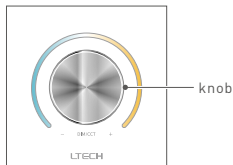


L-BUS APP



Remove Paired Dimmer from Devices

When the lamp is on, press and hold the knob for 10s until the indicator light flashes between two colors. When the buzzer makes a long beep, it means the paired dimmer is removed successfully from the devices.



Attentions

- Products shall be installed by qualified professionals.
- LTECH products are non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will extend the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.