LTECH

E61 Wireless Knob Panel

(Power Mode)

Manual

www.ltech-led.com

L-BUS

Wireless remote

Knob panel
E61

App

Direct connect

Cloud
service

WiFi gateway

Router

RF relay

RF

Wireless driver

12-24Vdc

DMX512

DMX driver

RF

Wireless driver

DMX512

RF to DMX   DMX LED driver

0-10V

RF to 0-10V   0-10V LED driver

Phase-cut

RF to phase-cut   Triac LED driver

- - - Wireless
      connection

——— Wired
      connection

Product Features

- 2 in 1 function: RF wireless control and PWM power output.
- Power output, lamps can be connected directly, easy and convenient.
- With 2 functions: dimming and switch.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

Technical Specs

E61 Dimming knob panel

Input voltage:	12-24Vdc	Working temp.:	-10°C~55°C
Input signal:	RF 2.4GHz	Dimensions:	L86×W86×H36(mm)
Output current :	6A×1CH	Package size:	L113×W112×H50(mm)
Output power:	0~72W...144W	Weight(G.W.):	235g
Protection:	Short circuit / over current		

Key Functions

Knob

* Clockwise spin the knob, brightness increases.
* Counterclockwise spin the knob, brightness decreases. Turn off the panel if you spin to the leftmost end (a click can be heard).
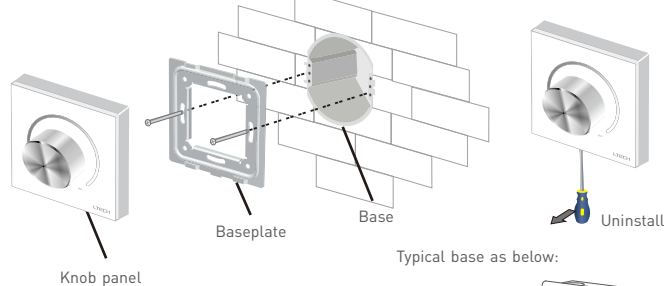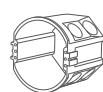
Terminals

ID learning button

LED lamps

Power input +
−

+ 5VPWM
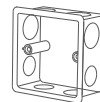− signal output
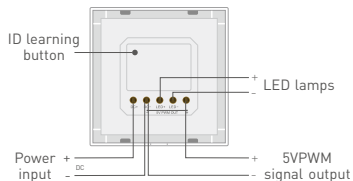
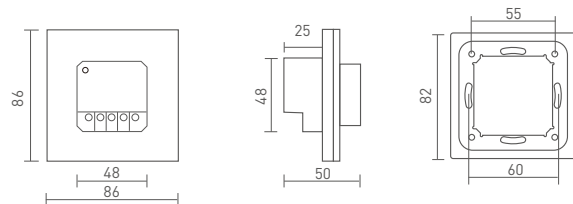## Installation Instruction

Knob panel

Baseplate

Base

Uninstall

Typical base as below:

European style

86 size

Product Size

Unit: mm

86

48
86

25

48

50

55

82

60

Application Composition

1.
Knob panel + LED strip

2.
Knob panel + Remote + LED strip

3.
Knob panel + WiFi master controller + LED strip

4.
Knob panel + WiFi master controller + Remote + LED strip

FC CE RoHS warranty 5 years ISO9001:2008

4

Wiring Diagram

Connect with 12V strip, Max. 72W; connect with 24V strip, Max. 144W.

LED strip

220V/110Vac

24Vdc

Power supply

PWM Signal Output

220V/110Vac

5VPWM

5V PWM constant current strip

24Vdc

Power supply

DC24V
DIM
GND

5

Match Code Sequence

APP
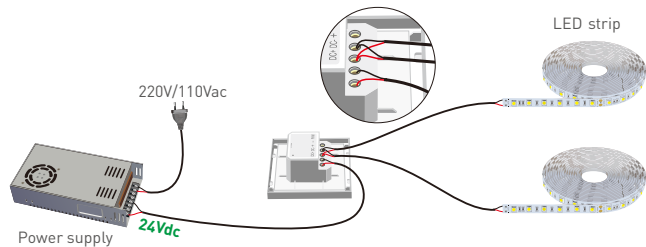
Remote

WiFi router
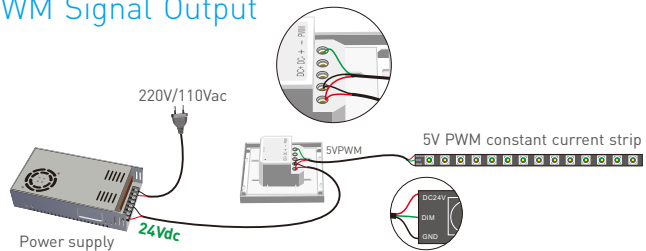
Panel

Lamp

Gateway
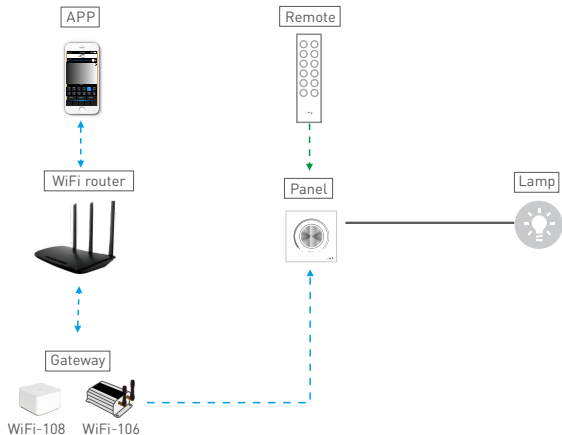
WiFi-108   WiFi-106

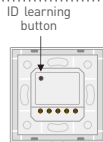✻ PS: No WiFi router needed when WiFi-106 gateway work with phones directly.

Match Code Sequence

1. Gateway match up with panel, which enables the smart phone to control lamps via gateway.

2. Remote match up with panel, which enables remote to control lamps.

Match Code between Panel & Remote

1. Short press "ID learning button" on E61, the lamps flicker.

ID learning button

2. Hold down On/Off key on F1, or hold down the matching zone's On & Off keys on F5 simultaneously, if the lamp flicker quickly then back to normal, match successfully.

✻ Exit match status automatically if over 15 seconds.
✻ One E61 can be matched with max 10 remotes.

Match Code between Panel & Gateway

1. Turn on APP, enter "zone set" interface.

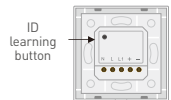2. Click the right top "MATCH" key, then operate following the prompts.

Clear Code

Long press "ID learning button" on E61 for 10s until the lamps flicker 5 times, clear code successfully.

ID learning button

✻ No further notice if any changes in the manual.
  Product function depends on the goods.
  Please feel free to contact our official distributor if any question.