E Series Touch Panel (dimming)
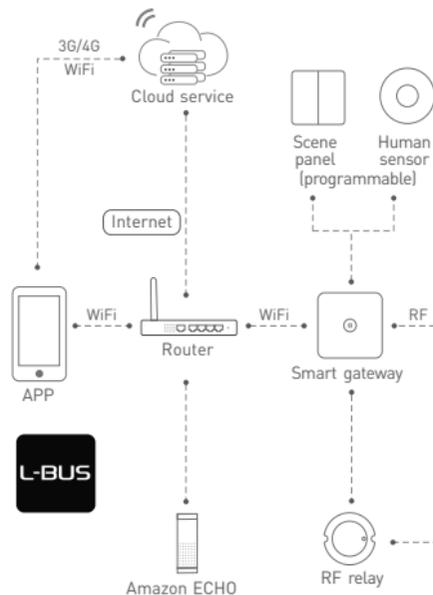
E1S-AD

Manual
www.ltech-led.com
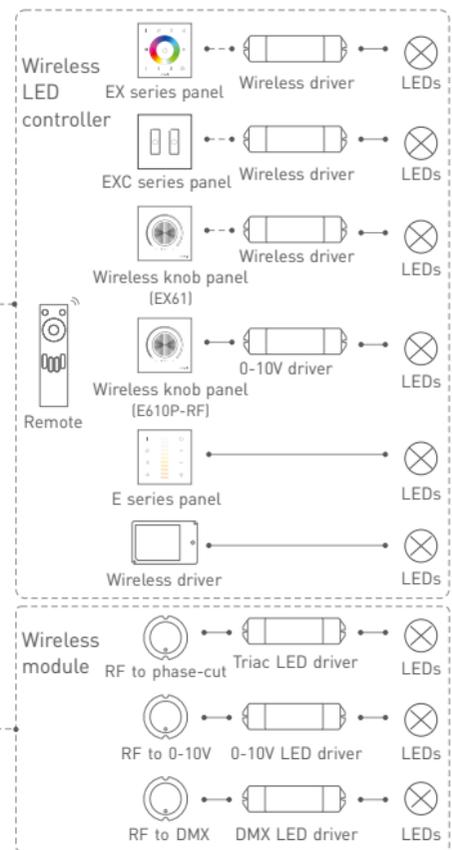
System Diagram

L-BUS

Wireless LED controller

EX series panel — Wireless driver — LEDs

EXC series panel — Wireless driver — LEDs

Wireless knob panel (EX61) — Wireless driver — LEDs

Wireless knob panel (E610P-RF) — 0-10V driver — LEDs

E series panel — LEDs

Wireless driver — LEDs

Wireless module

RF to phase-cut — Triac LED driver — LEDs

RF to 0-10V — 0-10V LED driver — LEDs

RF to DMX — DMX LED driver — LEDs

3G/4G WiFi — Cloud service

Scene panel (programmable) — Human sensor

Internet

Remote

APP — WiFi — Router — WiFi — Smart gateway — RF

Amazon ECHO — RF relay

- - - Wireless connection
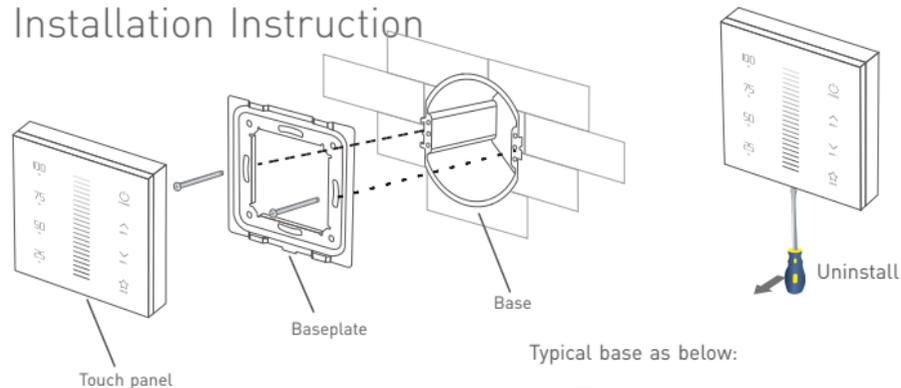——— Wired connection

1

Product Features

● 2 in 1 function: RF wireless control and 0-10V output control.

● Touch keys with chord and LED indicator.

● Adopts capacitive touch control technology on the panel, makes LED color selection more user-friendly.

● Touch panel can be controlled by remote directly or smart phone if add a gateway.

Technical Specs

E1S-AD	Touch panel		
Input Voltage:	100~240Vac	Wireless Signal:	RF 2.4GHz
Output Signal:	0-10V	0-10V Output Current:	15mA
Power Consumption:	1W	Working Temp.:	-20°C~55°C
Dimensions:	L86×W86×H36(mm)	Package Size:	L113×W112×H50(mm)
Weight(G.W.):	225g		

CE RoHS warranty 5 years ISO9001:2008

Installation Instruction

Touch panel

Baseplate

Base

Uninstall

Typical base as below:

European style

86 size

Product Size

Unit: mm

Key Functions

Brightness touch slider

ON/OFF

Brightness+

Brightness-

Scene-mode
Short press: play
Long press: save
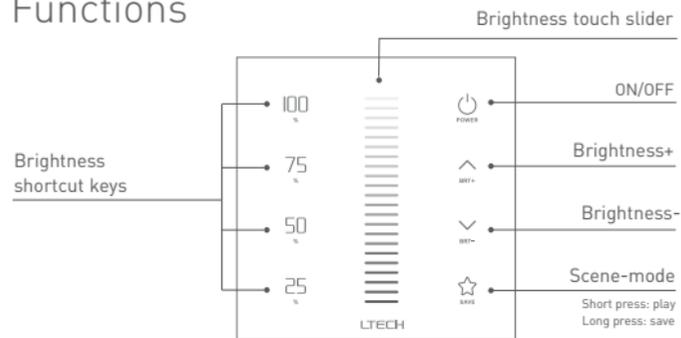
Brightness shortcut keys

100 %
75 %
50 %
25 %

POWER

BRT+

BRT-

SAVE

LTECH
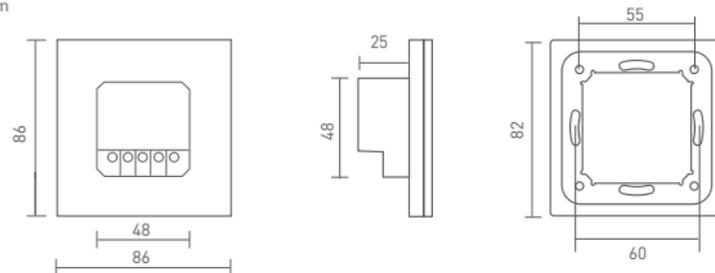
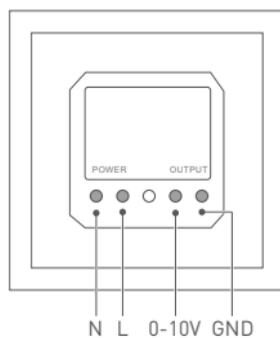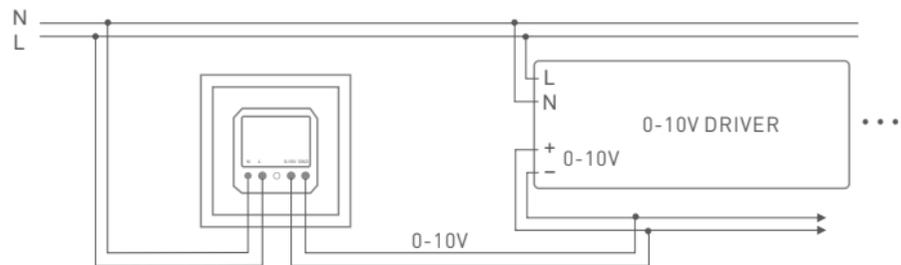***** When blue indicator light of ⏻ key is on, long press ⏻ to turn on/off buzzer.

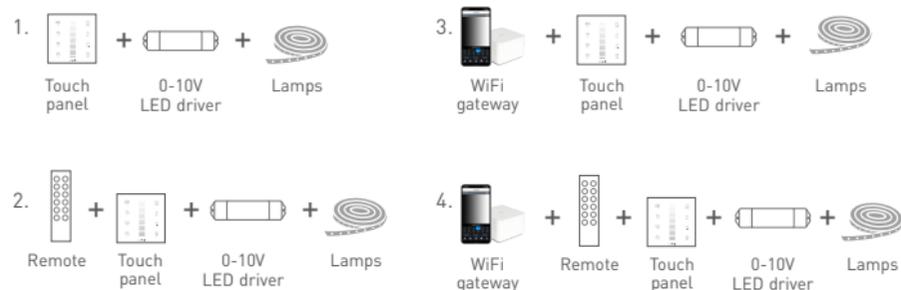When white indicator light of ⏻ key is on, long press ⏻ to match code.

Terminals

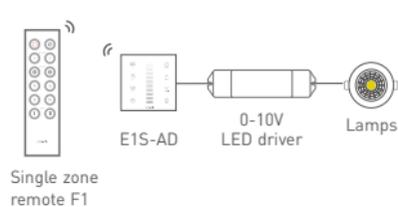POWER   OUTPUT

N L 0-10V GND

Wiring Diagram

N
L

L
N
0-10V DRIVER

+
0-10V
−

0-10V

Application Composition

1.
Touch panel + 0-10V LED driver + Lamps

2.
Remote + Touch panel + 0-10V LED driver + Lamps

3.
WiFi gateway + Touch panel + 0-10V LED driver + Lamps

4.
WiFi gateway + Remote + Touch panel + 0-10V LED driver + Lamps

RF Wireless Wiring

Single zone control

Multiple zones control

0-10V LED driver

E1S-AD

Lamps

Single zone remote F1

4 zones remote F5

Zone 1

Zone 2

Zone 3

Zone 4

E1S-AD

0-10V LED driver

Lamps
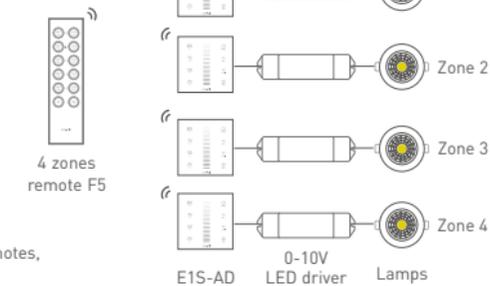
✳ Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.
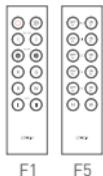
Match Code between Touch Panel & Remote

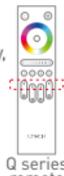1. Long press ⏻ on touch panel until all indicator lights flicker.

2. **Match code with F series remote:**

Long press "On/Off" key on F1 remote (or long press the matching zone's "ON" & "OFF" keys on F5 simultaneously), the indicator light stop flicking, match successfully.

F1   F5

Match code with Q series remote:

Long press the matching zone's "ON" key, the indicator light stop flicking, match successfully.

Q series remote

Match Code between Touch Panel & Gateway

1. Long press ⏻ on touch panel until all indicator lights flicker.

2. Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then follow the prompts.

Clear Code

Press the bottom two keys on touch panel simultaneously for 6 seconds, the indicator light flicker several times, clear code successfully.

✳ Please match/clear code when ⏻ indicator light of panel is white.

✳ 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.