Manuals+ — User Manuals Simplified.

LTECH E1 E Series Touch Panel User Manual

Contents

LTECH E1 E Series Touch Panel

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

Cloud service — 3G/4G WiFi

Scene panel — Motion sensor (programmable)

Internet

Router — WiFi — WiFi — RF

Smart gateway

Remote

APP

Amazon ECHO — RF relay

- - - - 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.
- Touch keys with chord and LED indicator.
- Adopt capacitive touch control technology on the full color circle that makes LED dimming selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if adding a gateway.
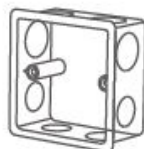
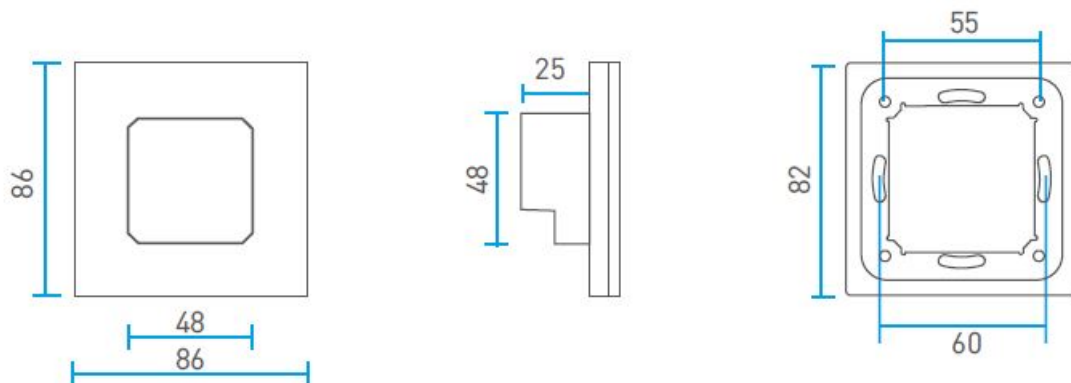## Technical Specs

Installation Instructions

Touch panel

Baseplate
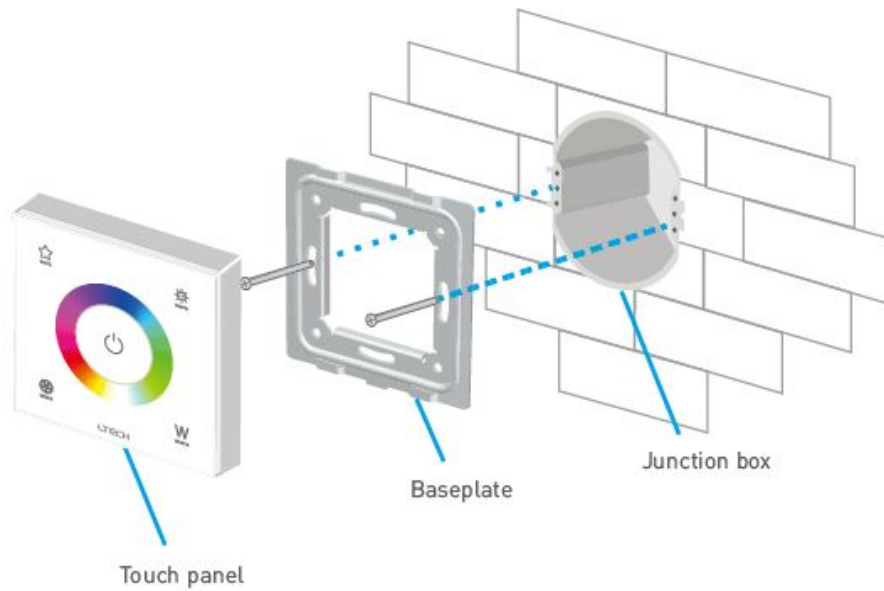
Junction box

Typical junction boxes are as follows:

European style

86 type

Remove

Product Size

86

48

86
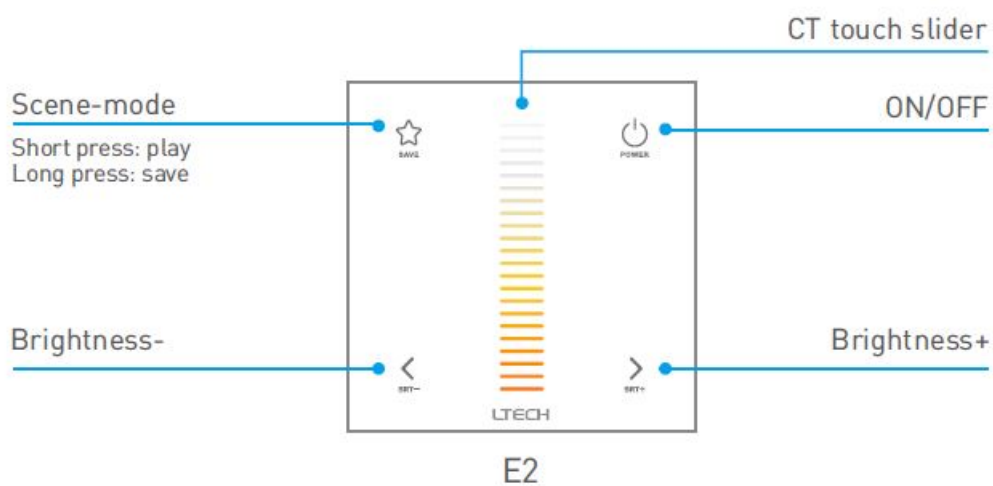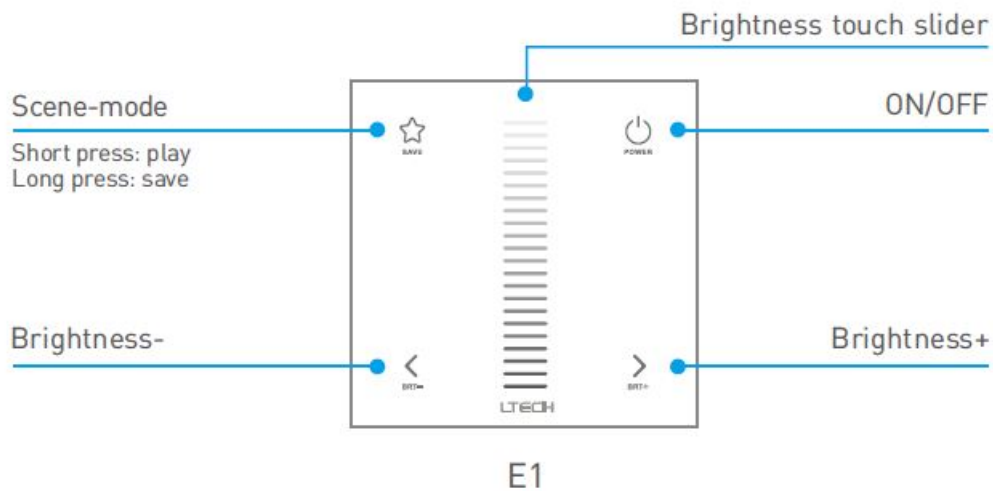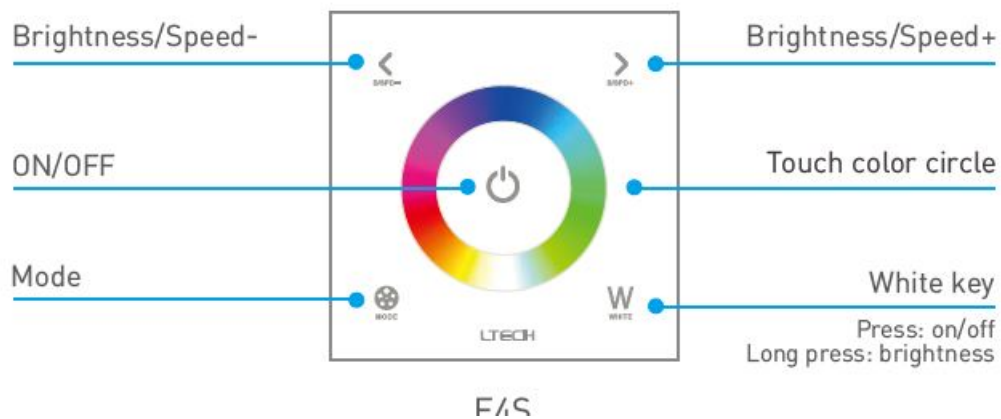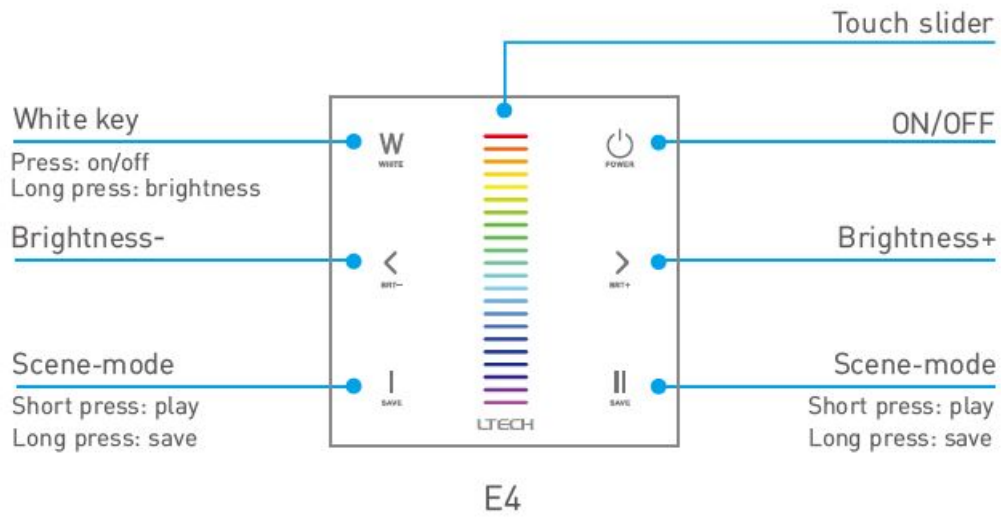
25

48

55

82

60

E1 / E2

86

48

86

22

48

55

82

60
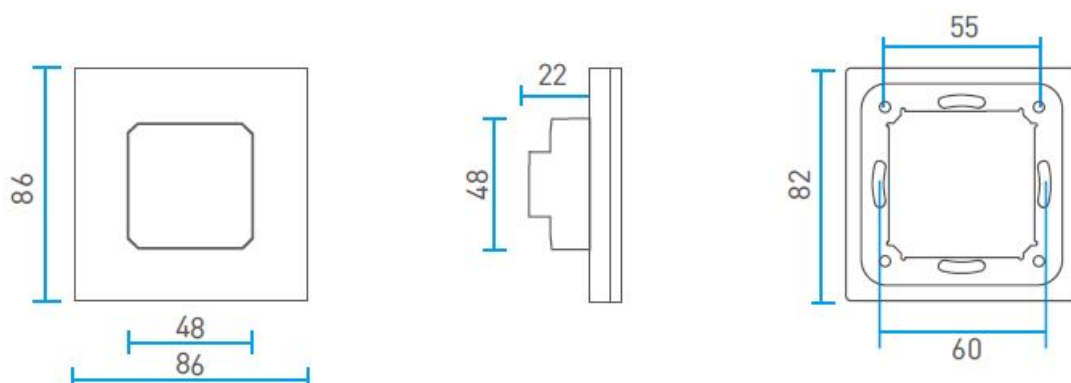
Key Functions

When blue indicator light of key is on, long press to turn on/off the buzzer. When white indicator light of key is on, long press to match code.E series touch panel's scene-mode keys are corresponding with WiFi gateway APP's scene-mode, the scenes of panel can be changed by APP or panel.
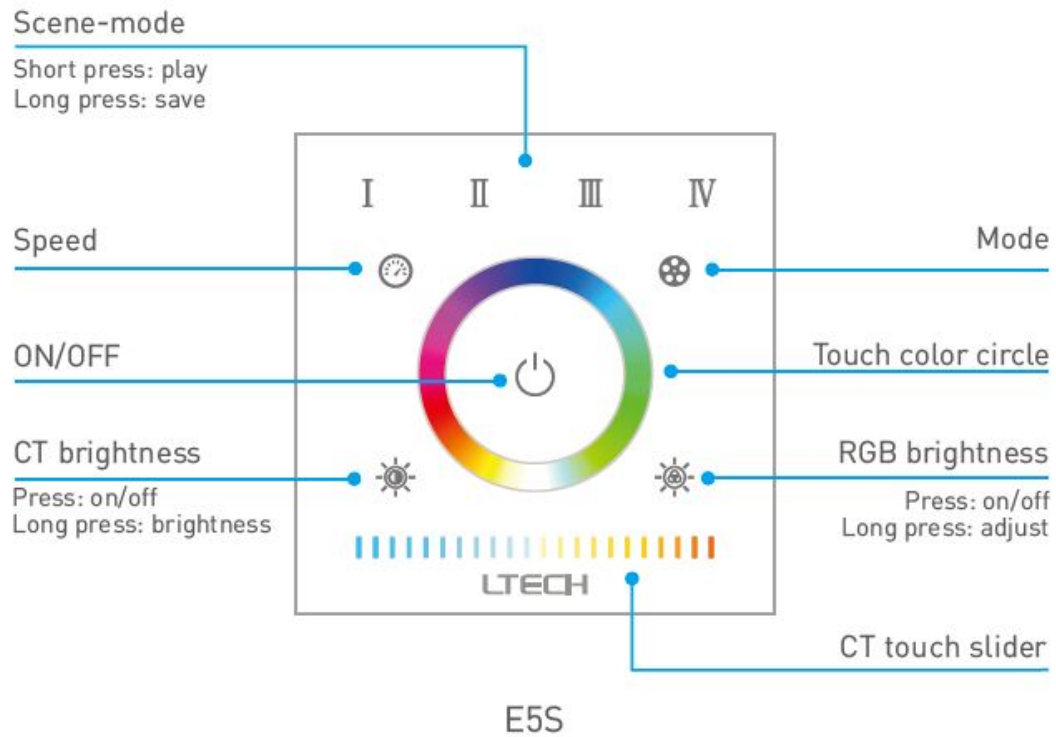
Brightness touch slider

Scene-mode
Short press: play
Long press: save

ON/OFF

☆
SAVE

POWER

Brightness-

Brightness+

<
BRT-

>
BRT+

LTECH

E1

CT touch slider

Scene-mode
Short press: play
Long press: save

ON/OFF

☆
SAVE

POWER

Brightness-

Brightness+

<
BRT-

>
BRT+

LTECH

E2

White key
Press: on/off
Long press: brightness

Touch slider

ON/OFF

Brightness-

Brightness+

Scene-mode
Short press: play
Long press: save

Scene-mode
Short press: play
Long press: save

W
WHITE

POWER

<
BRT-

>
BRT+

I
SAVE

II
SAVE

LTECH

E4

Brightness/Speed-

Brightness/Speed+

ON/OFF

Touch color circle

Mode

White key
Press: on/off
Long press: brightness

<
S/SPD-

>
S/SPD+

MODE

W
WHITE

LTECH

E4S

E4S Mode

- Static red
- Static cyan
- 7 color gradient
- Static green
- Static white
- Static blue
- Static black
- RGB jumping
- Close RGB only
- Static yellow
- 7 color jumping
- Static purple
- RGB gradient

Scene-mode

Scene-mode
Short press: play
Long press: save

Speed

ON/OFF

CT brightness
Press: on/off
Long press: brightness

Mode

Touch color circle

RGB brightness
Press: on/off
Long press: adjust
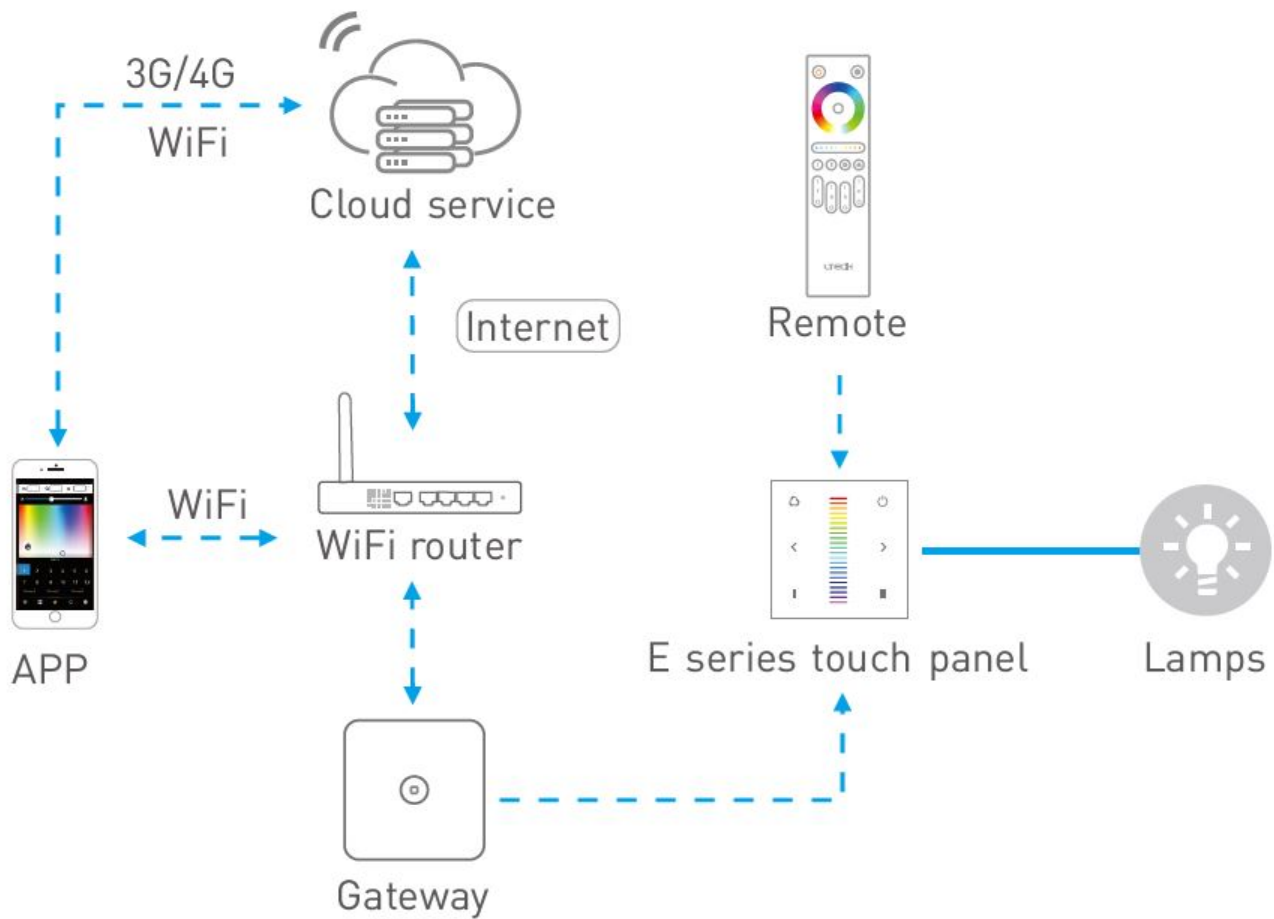
CT touch slider

E5S

Mode

- Red-green jumping
- Red-green gradient
- Green-blue jumping
- Green-blue gradient
- Red blue jumping
- Red blue gradient
- RGB jumping
- RGB gradient
- 7 color jumping
- 7 color gradient

System Diagram

PS: No WiFi router is needed when gateway work with phones directly.
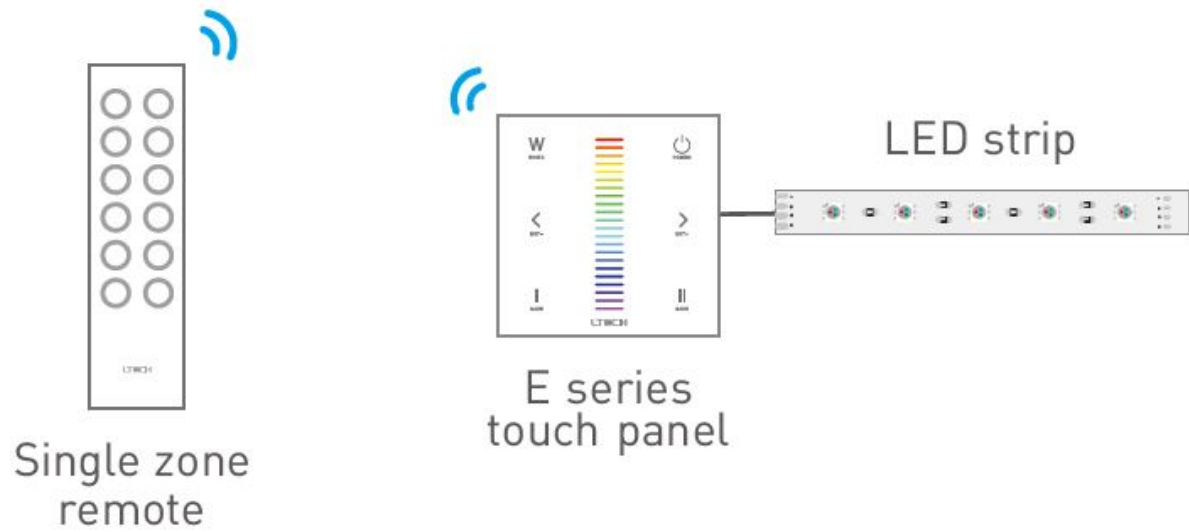
Applications

1. E series touch panel + Lamps

2. E series touch panel + Remote + Lamps

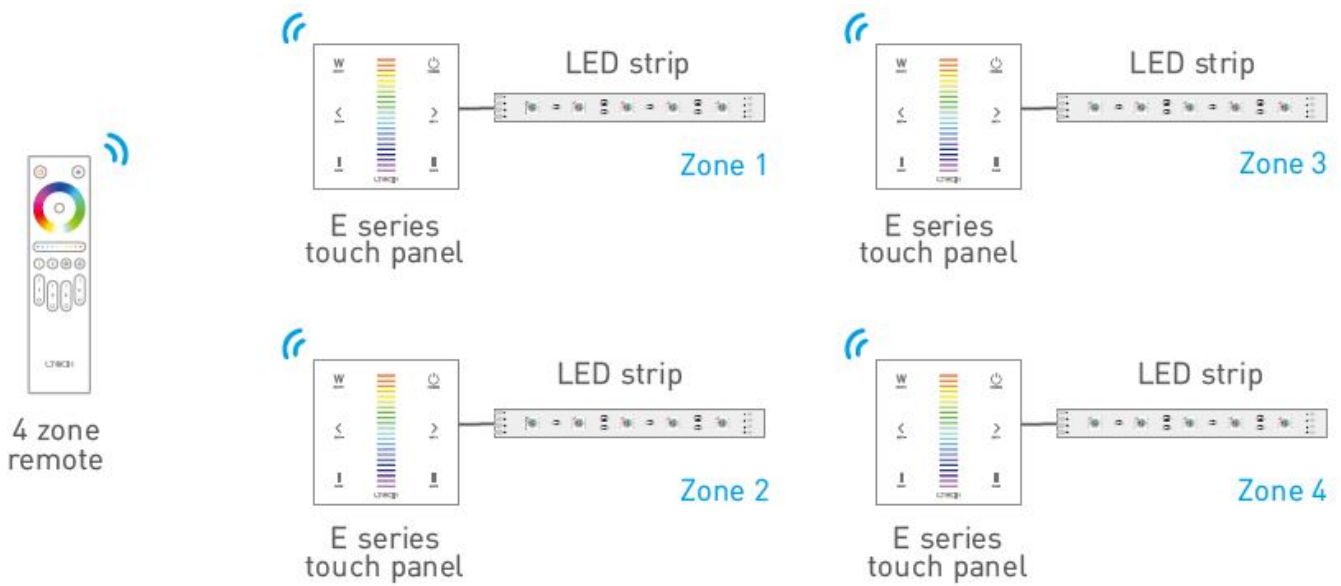3. E series touch panel + WiFi master controller + Lamps

4. E series touch panel + WiFi master controller + Remote + Lamps

RF Wireless Wiring

Single Zone Control

Single zone remote

E series touch panel

LED strip

Multiple Zone Control

4 zone remote

E series touch panel — Zone 1

LED strip

E series touch panel — Zone 2

LED strip

E series touch panel — Zone 3

LED strip

E series touch panel — Zone 4

LED strip
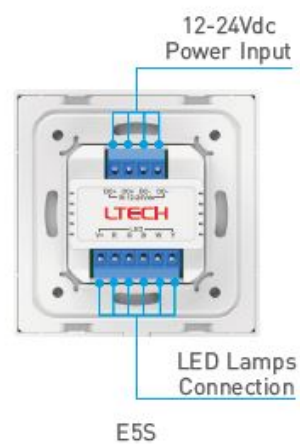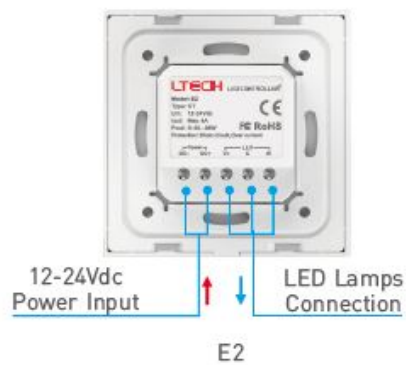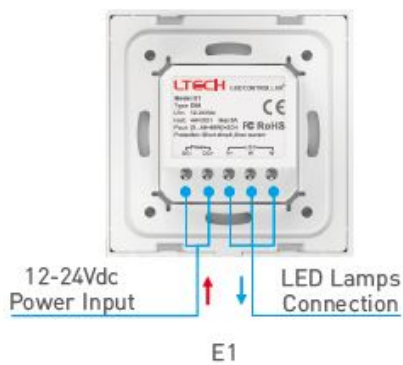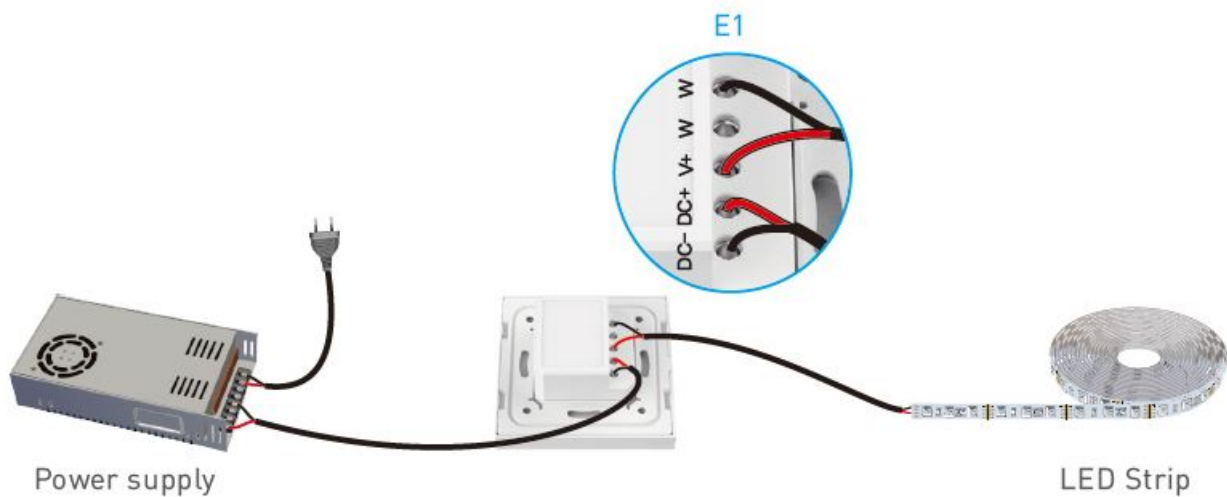
Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.
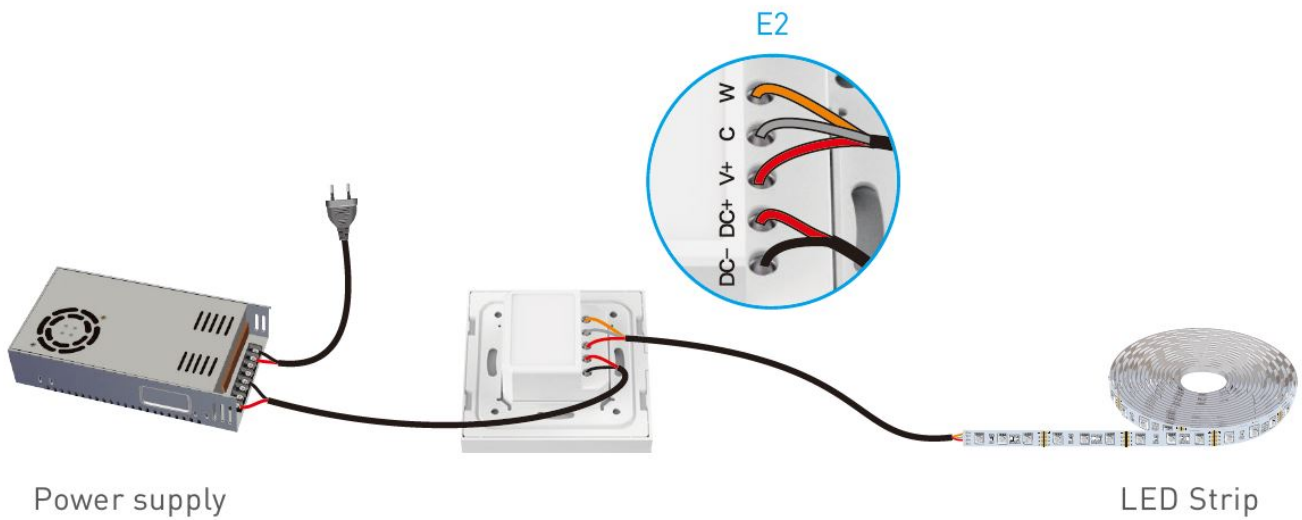
Terminals

E1

E2

E4/E4S

E5S

Wiring Diagram

E1: Connect with 12V strip. Max 48W/CHConnect with 24V strip. Max 96W/CH

Power supply

LED Strip

E2: Connect with 12V strip. Max 48W for two routes.Connect with 24V strip. Max 96W for two routes.

Power supply   LED Strip

E4/E4S: Connect with 12V strip. Max 36W/CH Connect with 24V strip. Max 72W/CH

Power supply   RGB Strip
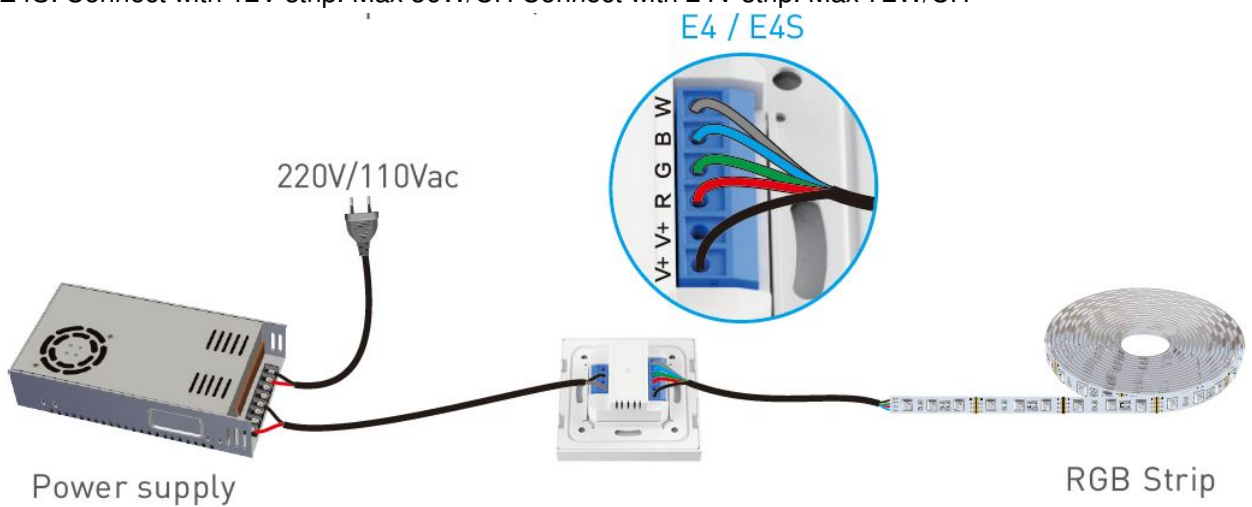
E5S: Connect with 12V strip, RGB Max. 108W, CT Max. 36W Connect with 24V strip, RGB Max. 216W, CT Max. 72W

Power supply

Power supply
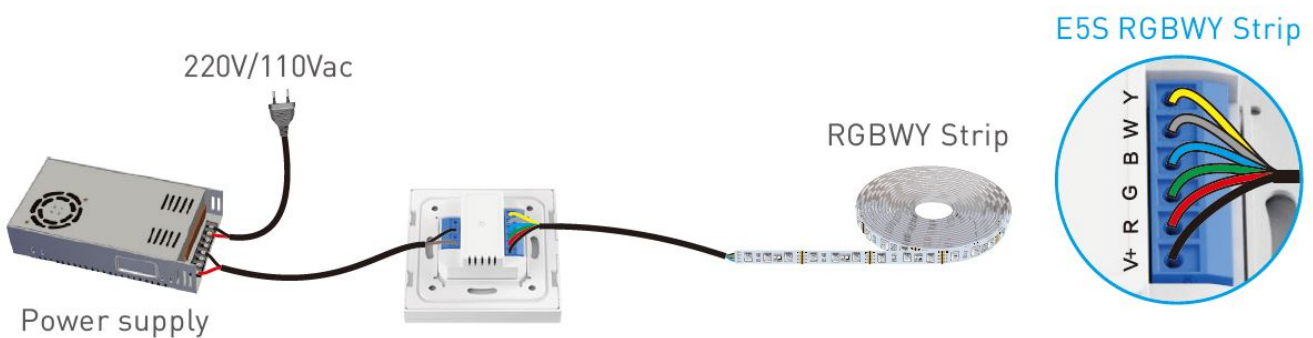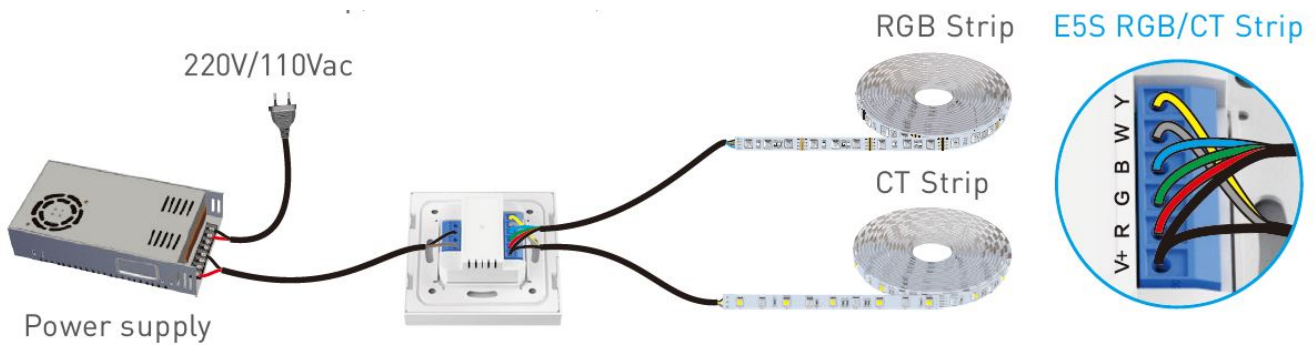
Match Code between Touch Panel & Remote

Please match/clear code when panel indicator light of On/Off is white.

1. Long press on touch panel until indicator lights flash.

| E1 | E2 | E4 | E4S | E5S |
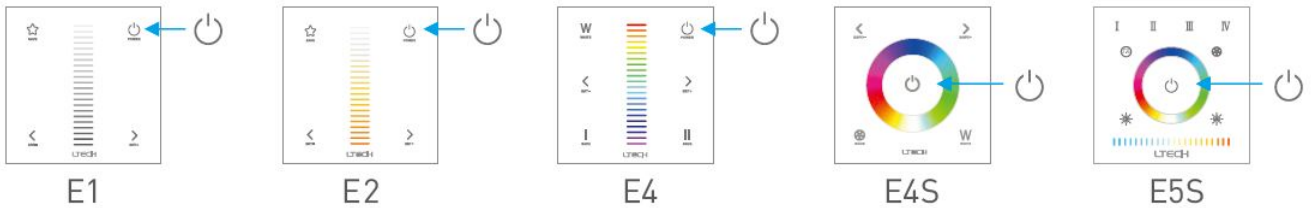
2. Match code with F series remote: Single zone remote: long press ON/OFF key on remote, the indicator light stops flashing, match code successfully.Multi-zone remote: long press the matching zone's ON & OFF keys simultaneously, the indicator light stops flashing, match code successfully.

| F1 (Dim) | F2 (CT) | F3 (RGB) | F4 (RGBW) | F5 (Dim) | F6 (CT) | F7 (RGB) | F8 (RGBW) |

3. E1 touch panel match with F1/F5 remote, E2 match with F2/F6, E4/E4S match with F4/F8. Match code with Q series remote: long press the matching zone's "ON" key on remote, the indicator lights of touch panel stop flicking, match successfully.

| Q1 | Q2 | Q4 | Q5 |

Match Code between Touch Panel & Gateway

Please match/clear code when panel indicator light of On/Off is white.

1. Long press on touch panel until indicator lights flash.

| E1 | E2 | E4 | E4S | E5S |
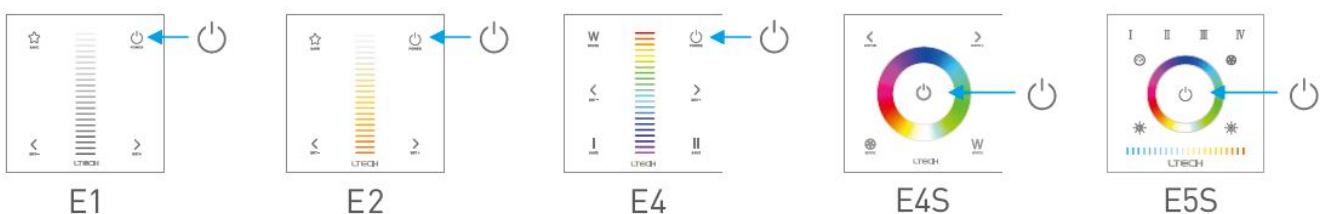
2. Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then operate the following prompts.

Clear Code

Please match/clear code when panel indicator light of On/Off is white.

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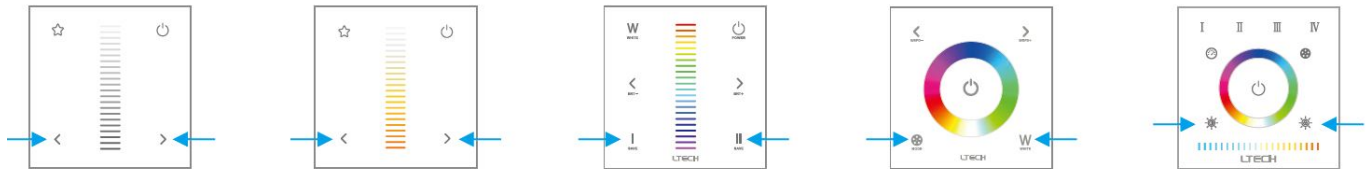
Warranty Agreement

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.
- 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.
- LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

Documents / Resources

LTECH E1 E Series Touch Panel [pdf] User Manual
E1, E2, E4, E4S, E5S, E Series Touch Panel

References

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