LTECH

ECT2 Touch Panel (CT)
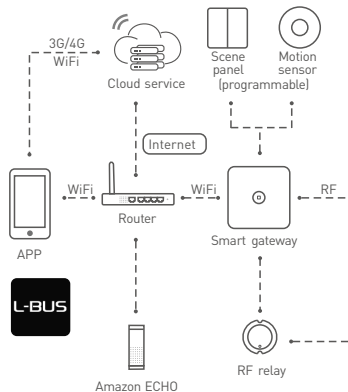
Manual

System Diagram

LTECH

L-BUS

Wired connection
Wireless connection

3G/4G WiFi

Cloud service

Scene panel

Motion sensor (programmable)

Internet

APP

WiFi

Router

WiFi

Smart gateway

RF

L-BUS

Amazon ECHO

RF relay

Wireless LED controller

EX series panel

Wireless driver

LEDs

Wireless knob panel (EX61)

Wireless driver

LEDs

Wireless knob panel (E610P-RF)

0-10V driver

LEDs

Remote

0-10V color temperature panel

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

Product Features

- Powered by 100-240Vac wide voltage, no external power needed.
- RF+0-10V (2ch output) control modes, allowing more flexible and convenient applications.
- Work with 0-10V tunable white LED drivers. Dimming does not change CT, and CT adjustment does not affect brightness.
- Use the capacitive touch panel with armored glass surface.
- Install in 86 type or EU style junction boxes.
- Work with F series, Q series remotes to gain easy control.
- Work with the L-BUS gateway (WIFI-108) to achieve APP remote control over scenes.

Technical Specs

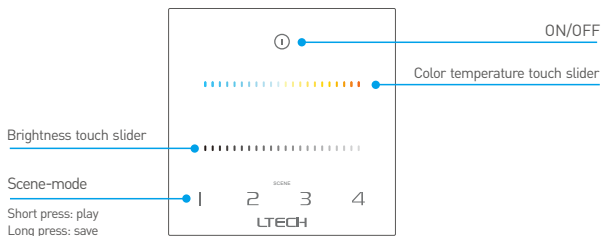| Model	ECT2 Touch Panel
Control Type	Dim / CT
Wireless Signal	RF 2.4GHz
Input Voltage	100-240Vac
Output Signal	0-10V×2
Output Current	15mA×2 Channel
Power Consumption	1W
Working Temp.	-20°C~55°C
Dimensions	86×86×36mm (LxWxH)
Package Size	113×12×50mm (LxWxH)
Weight(G.W.)	225g

FC CE RoHS SELV

Product Size
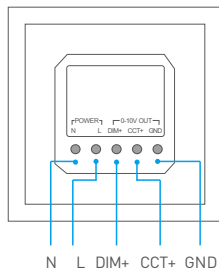
Unit: mm
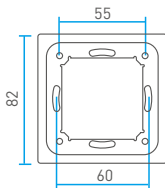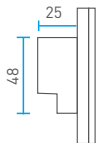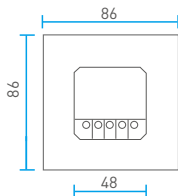
Key Functions

When blue indicator light of ⓘ key is on, long press ⓘ to turn on/off buzzer.
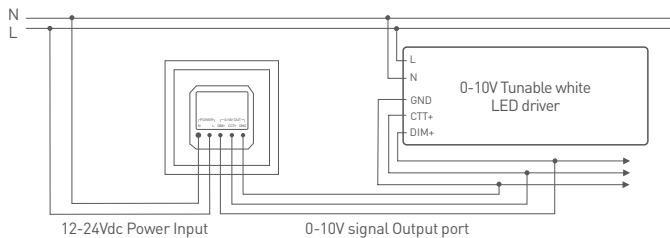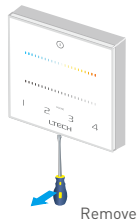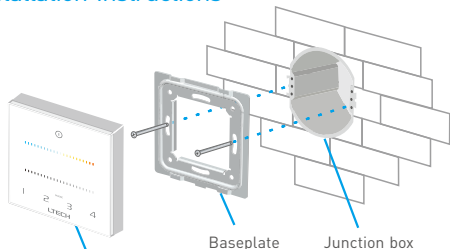When white indicator light of ⓘ key is on, long press ⓘ to match code.

ON/OFF

Color temperature touch slider

Brightness touch slider

Scene-mode

Short press: play
Long press: save

LTECH

Terminals

LTECH

N   L   DIM+ CCT+ GND

Wiring Diagram

L
N

0-10V Tunable white
LED driver

GND
CTT+
DIM+

12-24Vdc Power Input

0-10V signal Output port

Installation Instructions

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Touch panel

Baseplate

Junction box

Remove
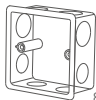
Typical junction boxes are as follows:
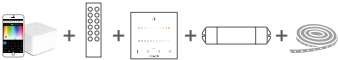

European style

86 type

Applications

1.

Touch panel + 0-10V Tunable white LED driver + Lamps

2.

Remote + Touch panel + 0-10V Tunable white LED driver + Lamps
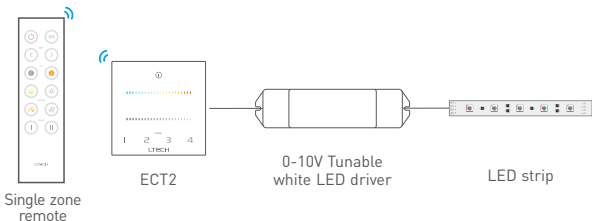
3.

WiFi gateway + Touch panel + 0-10V Tunable white LED driver + Lamps

4.

WiFi gateway + Remote + Touch panel + 0-10V Tunable white LED driver + Lamps

RF Wireless Wiring

LTECH

Single Zone Control

Single zone remote

ECT2

0-10V Tunable white LED driver

LED strip

Multiple Zone Control

4 zone remote

ECT2 — 0-10V Tunable white LED driver — LED strip
Zone 1

ECT2 — 0-10V Tunable white LED driver — LED strip
Zone 2

ECT2 — 0-10V Tunable white LED driver — LED strip
Zone 3

ECT2 — 0-10V Tunable white LED driver — LED strip
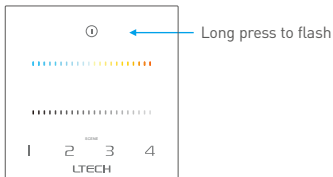**Zone 4**
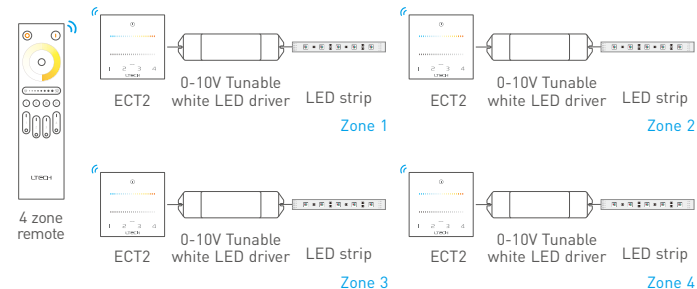
＊ Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.

Match Code between Touch Panel & Remote

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1. Long press ⓘ on touch panel until indicator lights flash. Please proceed to the next step within 15 seconds.

Long press to flash

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.

3. Match code with Q series remote:

long press the matching zone's "ON" key on remote, the indicator lights of touch panel stop flashing, match successfully.
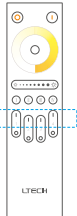
ECT2 touch panel match with F2/F6 remote.
ECT2 touch panel match with Q2 remote.
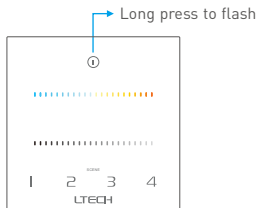

F2 (Single zone)

F6 (Multi- zone)

Q2 (CT)

Match Code between Touch Panel & Gateway

LTECH

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

2. Turn on L-BUS APP, enter "Zone Set" interface, click the right top "MATCH" key, then operate the following prompts.
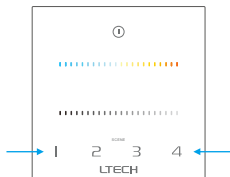
Long press to flash

App support

L-BUS APP

Clear Code

Long press the scene key 1 and scene key 4 on the panel, the indicator light flashes several times, clear code successfully. Please clear the code when the touch panel switch indicator is white.

＊ 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 question.

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.