LTECH

E5S Touch Panel (RGBWY)

Manual
www.ltech-led.com

L-BUS

3G/4G
WiFi
Cloud service

Scene panel (programmable)

Human sensor

Internet

APP
WiFi
Router
WiFi
Smart gateway
RF

Remote

L-BUS

Amazon ECHO

RF relay

- - - Wireless connection
——— Wired connection

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

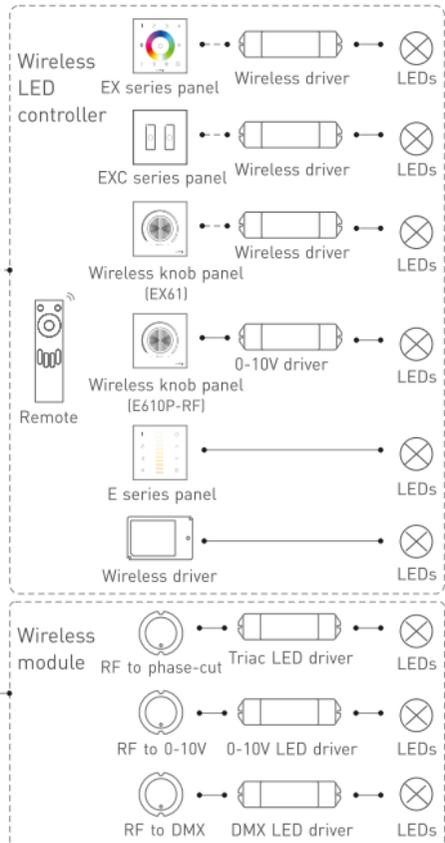RF to DMX — DMX LED driver — LEDs

Attn: WiFi-106 connect directly with mobile phone or local LAN control.
Wifi-108 can be controlled by remote or local LAN, and supports ECHO amazon voice speakers.
The E series panel does not support advanced mode when work with WiFi-108.

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Product Features

- 2 in 1 function: RF wireless control and PWM power output.
- Power output, lamps can be connected directly, easy and convenient.
- RGB, RGBW, RGB+CT LED lights can be controlled.
- Touch keys with chord and LED indicator.
- Panel adopts capacitive touch control technology, makes LED color selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.
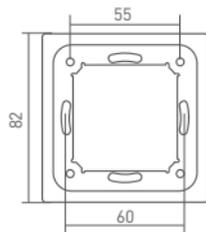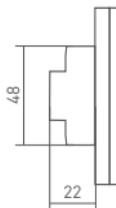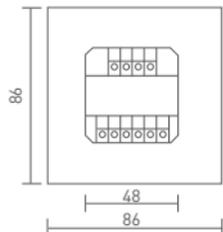
Technical Specs

Model:	E5S	Working Temp.:	-20°C~55°C
Input Voltage:	12-24Vdc	Dimensions:	L86×W86×H36(mm)
Wireless Frequency:	RF 2.4GHz	Package Size:	L113×W112×H50(mm)
Current Load:	RGB: 3A×3CH CT: Max. 3A	Weight(G.W.):	225g
Output Power:	RGB: (0~36W...72W)×3CH CT: 0~36W...72W		

Unit: mm

Installation Instruction

Baseplate

Base

Touch panel

Uninstall
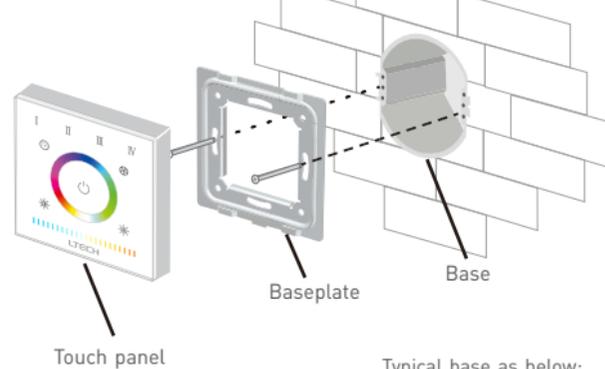
Typical base as below:

European style
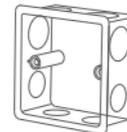
86 size

Terminals

12-24Vdc Power Input

LED Lamps Connection

DC+ DC+ DC- DC-

V+ R G B W Y

Key Functions

LTECH

Scene-mode
Short press: play
Long press: save

Speed

ON/OFF

CT brightness
Press: on/off
Long press: brightness

I   II   III   IV

Mode

Touch color circle

RGB brightness
Press: on/off
Long press: adjust

CT touch slider

LTECH
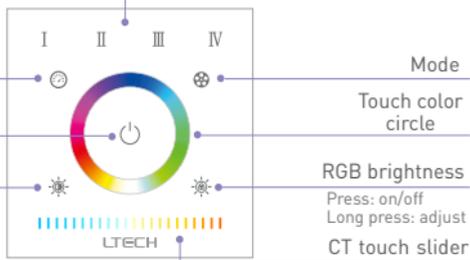
Mode
1. Red green jumping
2. Green blue jumping
3. Red blue jumping
4. RGB jumping
5. 7 colors jumping
6. Red green smooth
7. Green blue smooth
8. Red blue smooth
9. RGB smooth
10. 7 colors smooth

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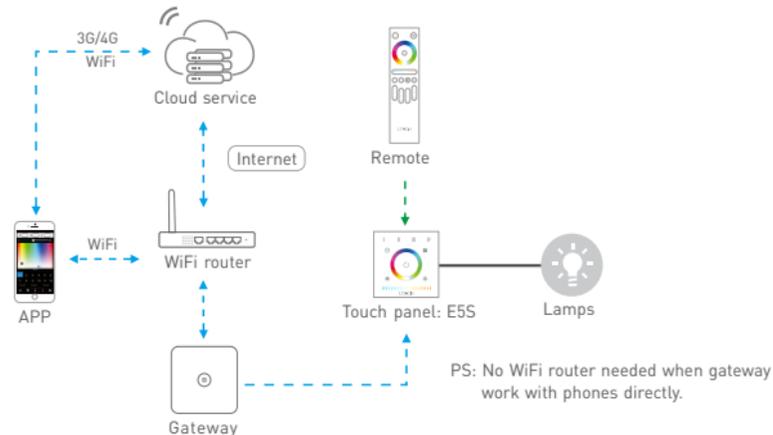When white indicator light of ⏻ key is on, long press ⏻ to match code.

FC CE RoHS   warranty 5 years   ISO9001:2008

Application Composition

1.   Touch panel + Lamps

2.   Remote + Touch panel + Lamps

3.   WiFi master controller + Touch panel + Lamps

4.   WiFi master controller + Remote + Touch panel + Lamps

System Diagram

LTECH

3G/4G
WiFi

Cloud service

Internet

Remote

WiFi

WiFi router
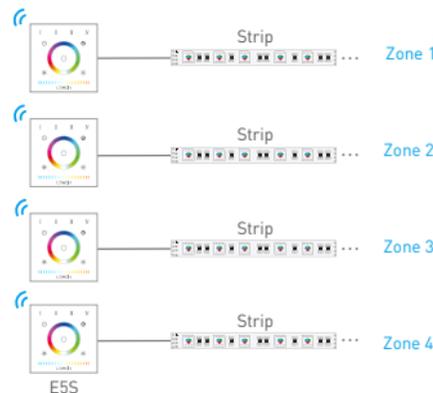
APP

Touch panel: E5S

Lamps

Gateway

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

RF Wireless Wiring

4 zones remote
Q5
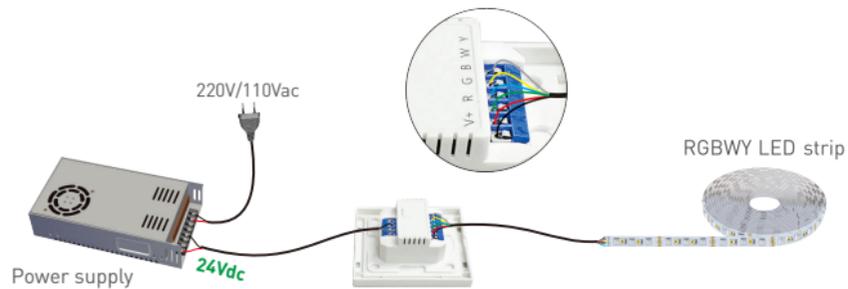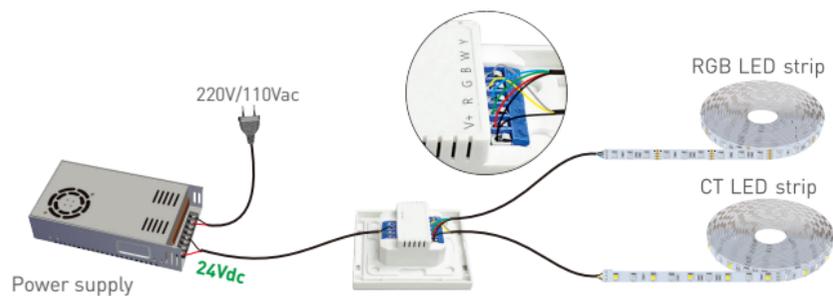
✳ Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.

Strip ... Zone 1

Strip ... Zone 2

Strip ... Zone 3

Strip ... Zone 4

E5S

Wiring Diagram

Connect with 12V strip, RGB Max. 108W, CT Max. 36W.
Connect with 24V strip, RGB Max. 216W, CT Max. 72W.

220V/110Vac

RGB LED strip

CT LED strip

Power supply

24Vdc

220V/110Vac

RGBWY LED strip

Power supply

24Vdc

Match Code between Touch Panel & Remote

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

2.
Long press the matching zone's "ON" key on Q5, the indicator light of panel stop flicking, match successfully.

Q5

Match Code between Touch Panel & Gateway

1.
Long press ⏻ on touch panel until all scene's 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 key on touch panel simultaneously for 5 seconds, the indicator light flicker several times, clear code successfully.

✻ Please match/clear code when panel is on (white indicator light of ⏻ key is on).

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