

# E Series Touch Panel



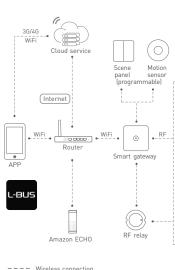
Manual

www.ltech-led.com

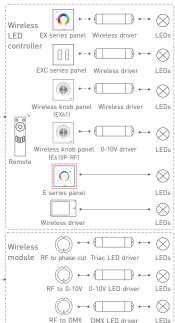
## System Diagram







Wired connection



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#### **Product Features**



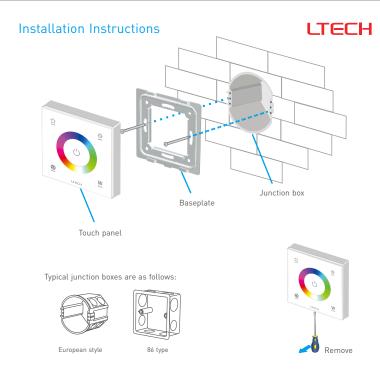
- · 2 in 1 function: RF wireless control and PWM power output.
- · Power output, lamps can be connected directly, easy and convenient.
- Touch keys with chord and LED indicator.
- Adopt capacitive touch control technology on the full color circle that makes LED color selection more user-friendly.
- Touch panel can be directly controlled by a remote or a smart phone if a gateway is added.

## Technical Specs

Model	E1	E2	E4 / E4S	E5S
Control Type	DIM	СТ	RGBW	RGBWY
Input Voltage	12-24Vdc			
Wireless Frequency	RF 2.4GHz			
Current Load	4A×2CH Max. 8A	Max. 4A	3A×4CH Max. 12A	3A×5CH Max. 15A
Output Power	(0~48W96W)×2CH Max. 192W	0~4896W	(0~36W72W)×4CH Max. 288W	(0~36W72W)×5CH Max. 360W
Protection	Short circuit/Over current protection, auto recovery. Reverse connection protection.		Reverse connection protection.	Reverse connection protection.
Working Temp.	-20°C~55°C			
Dimensions	L86×W86×H36(mm)			
Package Size	L113×W112×H50(mm)			
Weight(G.W.)	235g	231g	221g	221g

<sup>\*</sup> Products with L-BUS logo support the function of WIFI-108 advanced mode.

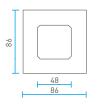




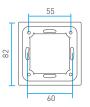
## **Product Size**



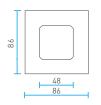
Unit: mm



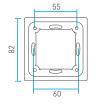




E1 / E2







E4 / E4S / E5S

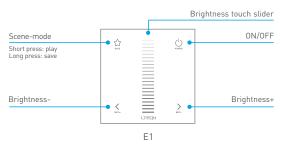
## **Key Functions**

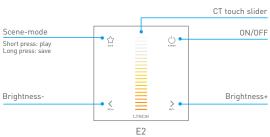


When blue indicator light of  $\circlearrowleft$  key is on, long press  $\circlearrowleft$  to turn on/off buzzer.

When white indicator light of  $\circlearrowleft$  key is on, long press  $\circlearrowleft$  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.













#### F4S

#### F4S Modes

- · Static red
- · Static green
- · Static blue
- · Static yellow
- · Static purple

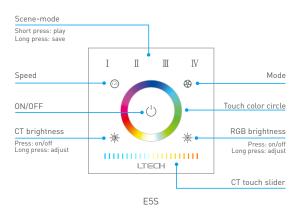
- · Static cvan
- · Static white
- RGB jumping
- · 7 color jumping

- · 7 color gradient
- Static black

· RGB gradient

· Close RGB only





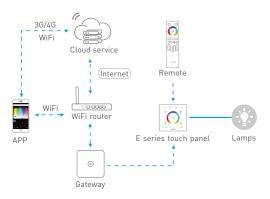
#### Modes

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

## System Diagram



PS: No WiFi router is needed when a gateway is connected to your phone directly.



## **Applications**



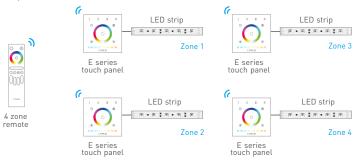
## RF Wireless Wiring



#### Single Zone Control



#### Multiple Zone Control



\* Touch panels can be simultaneously controlled by multiple remotes. Please refer to the remote manual for further instructions.

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## **Terminals**











## Wiring Diagram

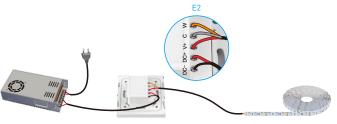


E1: Connect with 12V strip. Max 48W/CH Connect with 24V strip. Max 96W/CH



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

Connect with 24V strip. Max 96W for two routes.



Power supply LED Strip



E5S: Connect with 12V strip, RGB Max. 108W, CT Max. 36W





## E5S RGBWY Strip



## 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.









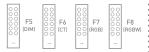


2. Match code with F series remote:

Single zone remote: long press ON/OFF key on remote, the indicator light of the touch panel stops flashing, match code successfully.

Multi-zone remote: long press the matching zone's ON & OFF keys on remote simultaneously, the indicator light of the touch panel stops flashing, match code successfully.





E1 touch panel matches with F1/F5 remote, E2 matches with F2/F6, E4/E4S matches 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 flashing, match successfully.









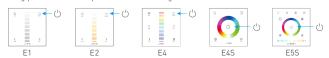
E5S touch panel matches with Q5 remote.

## Match Code between Touch Panel & Gateway



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

Long press () on touch panel until indicator lights flash.



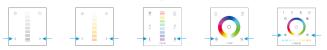
2. Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then implement the following prompts.



### 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.



<sup>\*</sup> 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.
- 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.