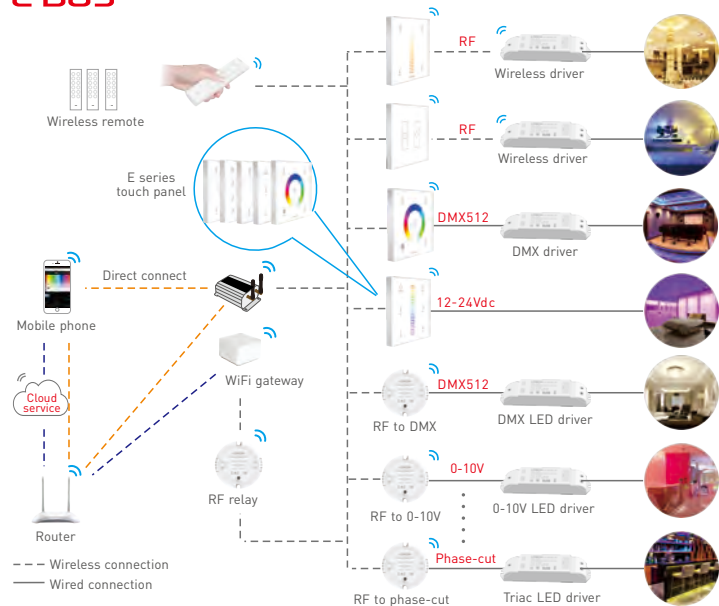


## E Series Touch Panel



Manual  
www.ltech-led.com



Note: WiFi-106 is directly connected to the mobile phone or controlled by local LAN.  
 WiFi-108 can be controlled by remote or local LAN, and supports amazon ECHO, Alibaba TmallGenie AI voice speaker.  
 E series panel does not support advanced mode functions when working with WiFi-108.

## Product Features

**LTECH**

- 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.
- Adopts capacitive touch control technology on the full color circle makes LED dimming selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

## Technical Specs

Model	E1	E1S	E2	E3	E3S	E4	E4S
Control Type	Dimming		CT	RGB		RGBW	
Input Voltage	12-24Vdc						
Wireless Frequency	RF 2.4GHz						
Current Load	4A×2CH Max. 8A		Max. 4A	4A×3CH Max. 12A		3A×4CH Max. 12A	
Output Power	[0~48W...96W]×2CH Max. 192W		0~48...96W	[0~48W...96W]×3CH Max. 288W		[0~36W...72W]×4CH Max. 288W	
Protection	Short circuit / Over current protection, auto recovers. 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.]	225g						

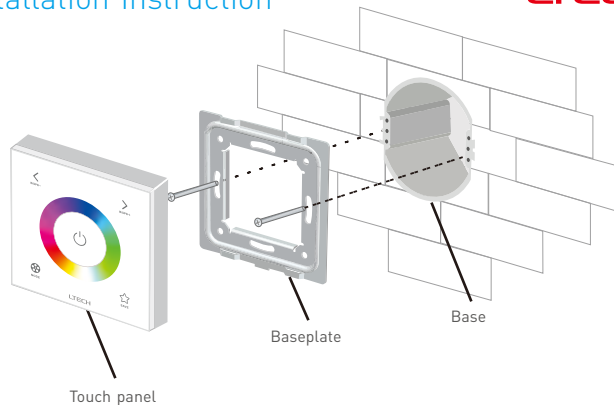




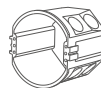


## Installation Instruction

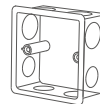
**LTECH**



Typical base as below:



European style



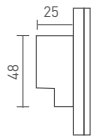
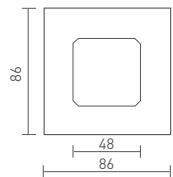
86 size



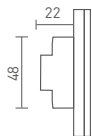
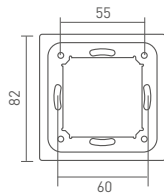
Uninstall

# Product Size Unit: mm

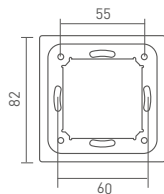
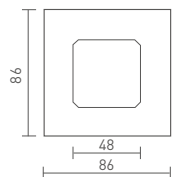
**LTECH**



E1/E1S/E2/E3/E3S



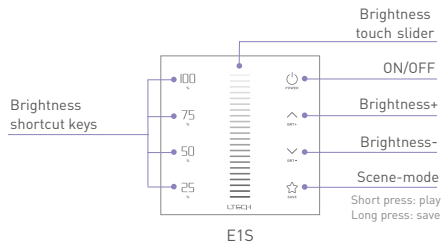
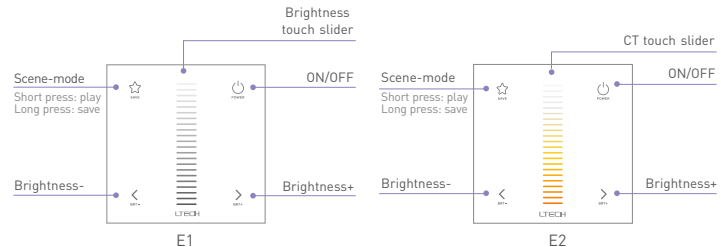
E4/E4S

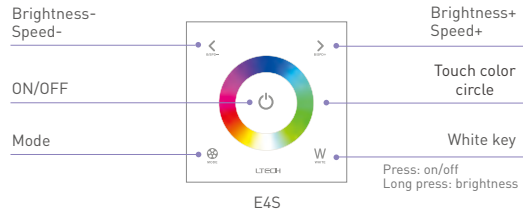
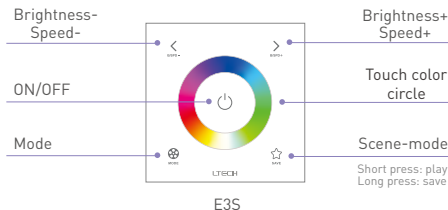
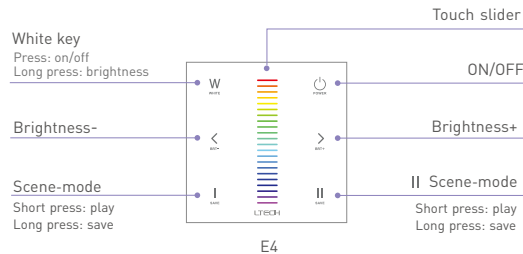
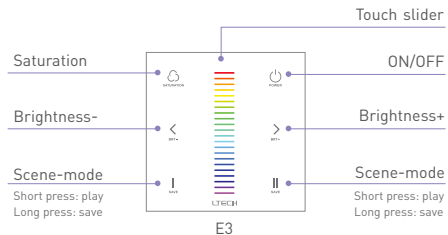


**LTECH**

# 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.
- \* 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.



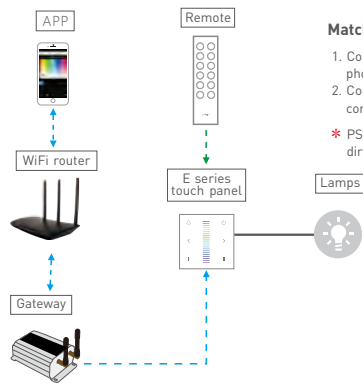


- Mode**
1. Static Red
  2. Static Green
  3. Static Blue
  4. Static Yellow
  5. Static Purple
  6. Static Cyan
  7. Static White
  8. RGB Jumping
  9. 7 Colors Jumping
  10. RGB Color Smooth
  11. Full-color Smooth

- Mode**
1. Static red
  2. Static green
  3. Static blue
  4. Static yellow
  5. Static purple
  6. Static cyan
  7. Static white
  8. RGB jumping
  9. 7 Colors jumping
  10. RGB color smooth
  11. Full-color smooth
  12. Static blue (only close RGB)

## Match Code Sequence

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### Match Code Sequence

1. Configure gateway with touch panel, which enables the smart phone to control lamps via gateway.
2. Configure remote with touch panel, which enables remote to control lamps.

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

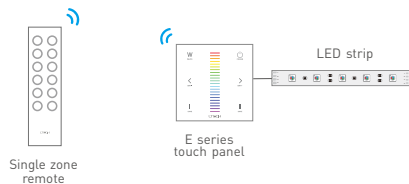
## Application Composition

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

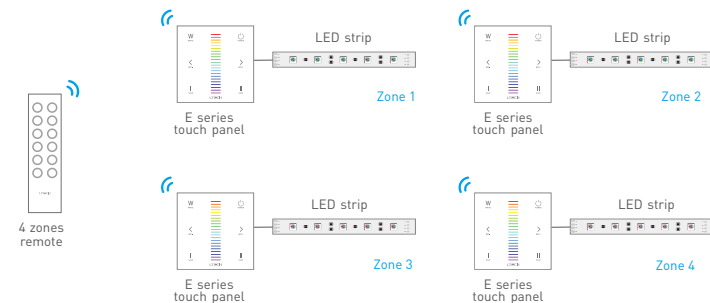
## RF Wireless Wiring

**LTECH**

### Single Zone Control

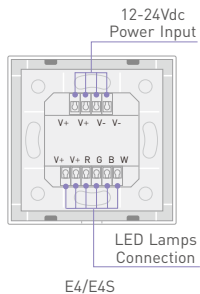
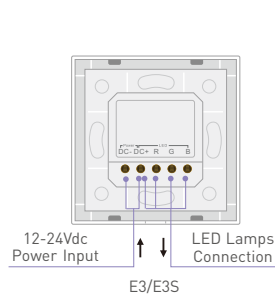
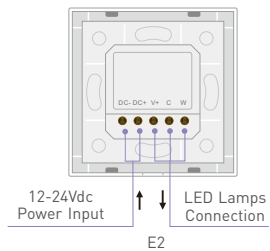
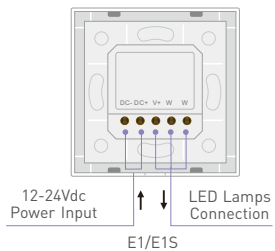


### Multiple Zones Control



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

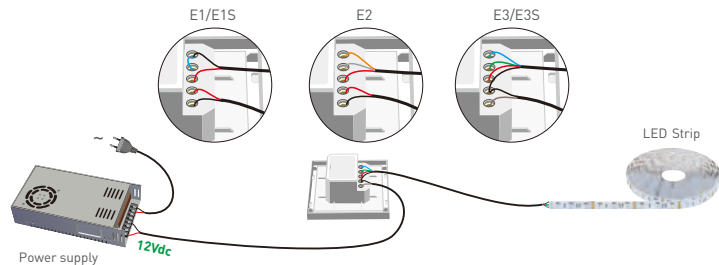
# Terminals



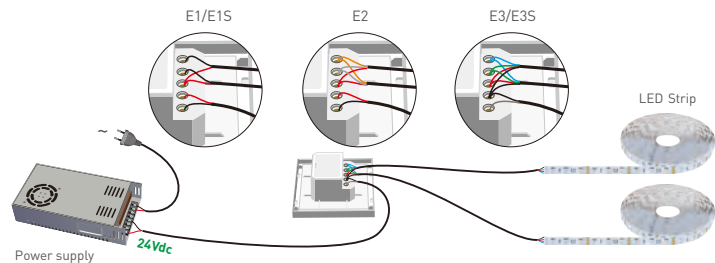
# Wiring Diagram



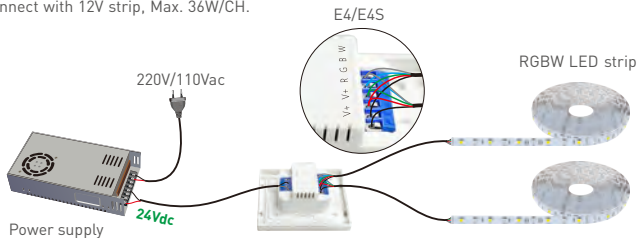
E.g 1: Connect with 12V strip. Max 48W/CH(12V)



E.g 2: Connect with 24V strip. Max 96W/CH(24V)



Connect with 12V strip, Max. 36W/CH.



RGBW LED strip

E4/E4S

220V/110Vac

24Vdc

Power supply

RGBW LED strip

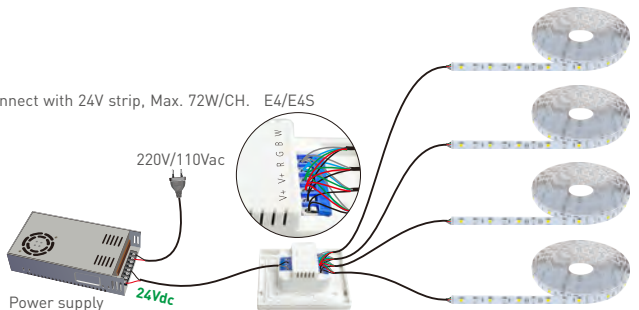
E4/E4S

220V/110Vac

24Vdc

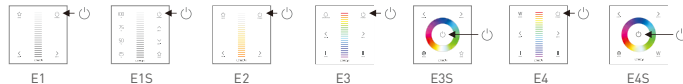
Power supply

Connect with 24V strip, Max. 72W/CH.



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

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



2. Match code with F series remote:

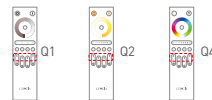
Single zone remote: long press ON/OFF key on remote, the indicator light stop flicking, match code successfully.

Multi-zone remote: long press the matching zone's ON & OFF keys simultaneously, the indicator light stop flicking, match code successfully.



E1/E1S touch panel match with F1/F5 remote, E2 match with F2/F6, E3/E3S match with F3/F7, E4/E4S match with F4/F8.

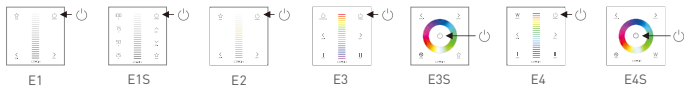
Match code with Q series remote: long press the matching zone's "ON" key on remote, the indicator lights of touch panel stop flicking, match successfully.



## Match Code between Touch Panel & Gateway **LTECH**

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

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



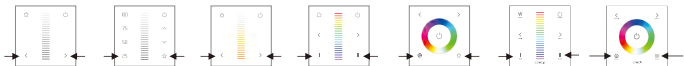
2. Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then operate following the prompts.



## 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 flicker several times, clear code successfully.



## Warranty Agreement:

**LTECH**

1. We provide lifelong technical assistance with this product:

- A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
- For faults beyond the 5-year warranty, we reserve the right to charge for time and parts.

2. Warranty exclusions below:

- Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
- The product appears to have excessive physical damage.
- Damage due to natural disasters and force majeure.
- Warranty label, fragile label and unique barcode label have been damaged.
- The product has been replaced by a brand new product.

3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. LTECH shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.

4. Any amendment or adjustment to this warranty must be approved in writing by LTECH only.

\* 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.