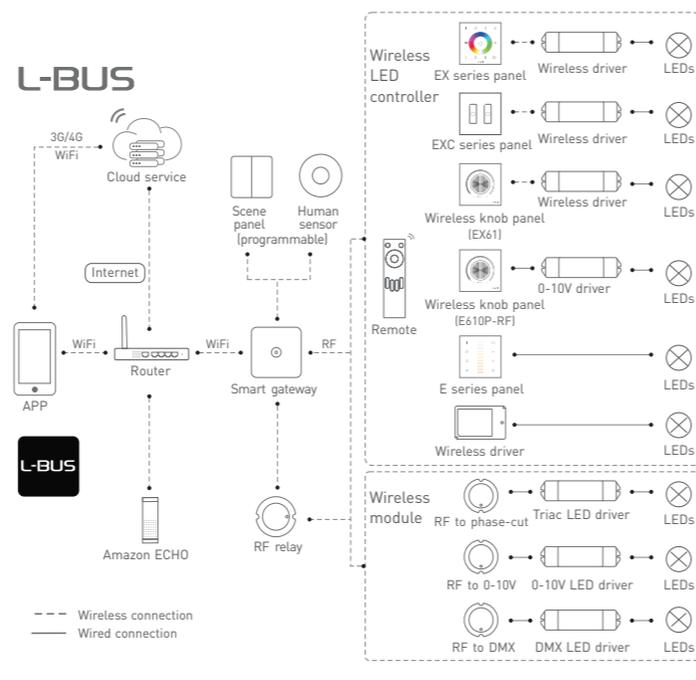


# E Series Touch Panel



Manual  
www.ltech-led.com

## System diagram



## 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.
- 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.

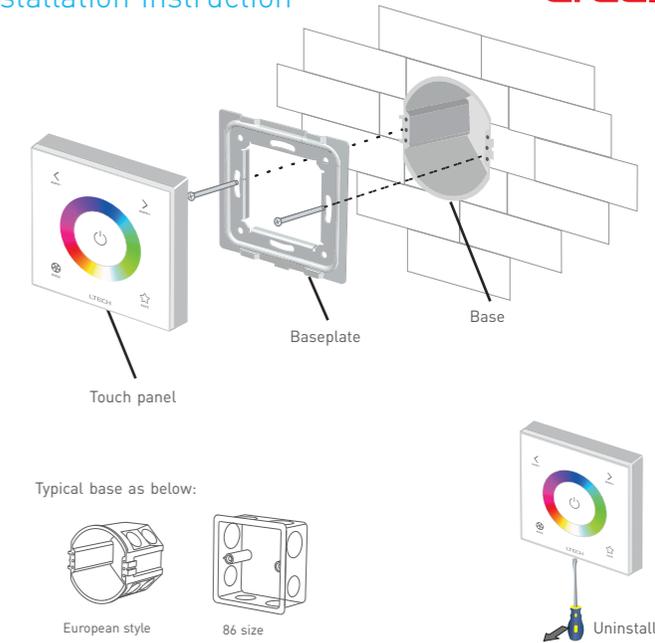
## Technical Specs

| 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   |            |                             |                                |     |    |     |

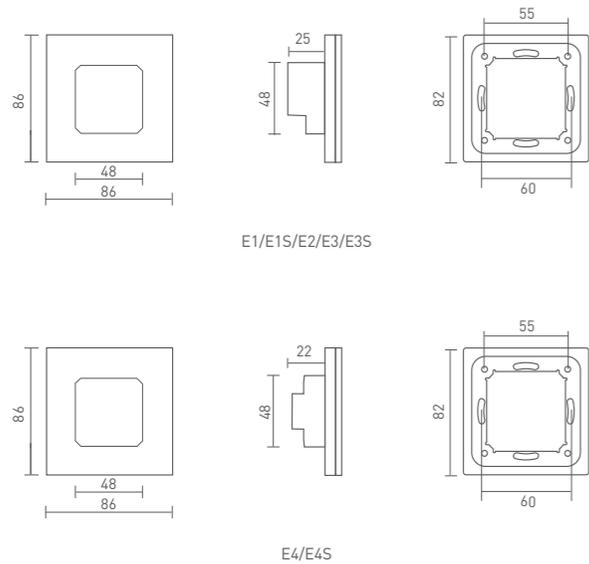
\* Product with L-BUS logo, supports the function of WIFI-108 advanced mode.



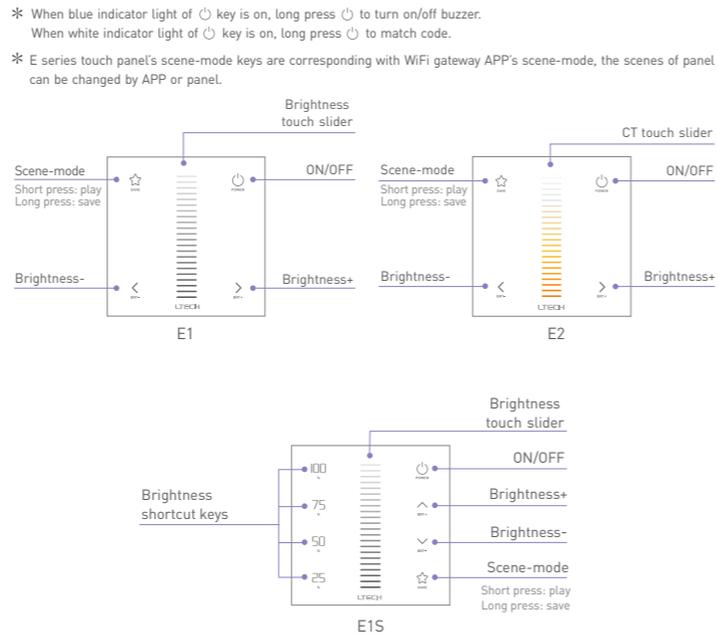
## Installation Instruction



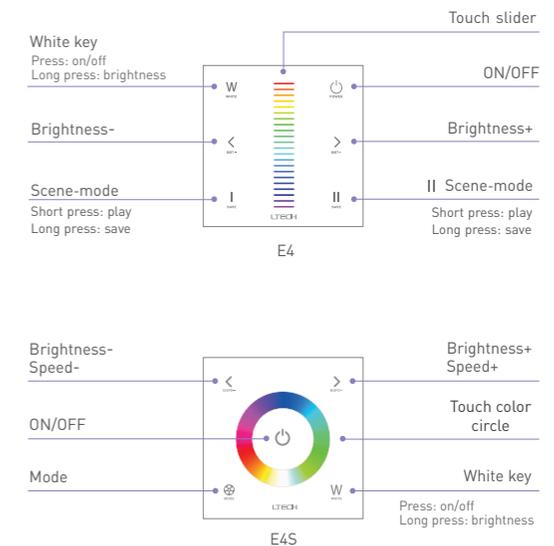
## Product Size Unit: mm



## Key Functions



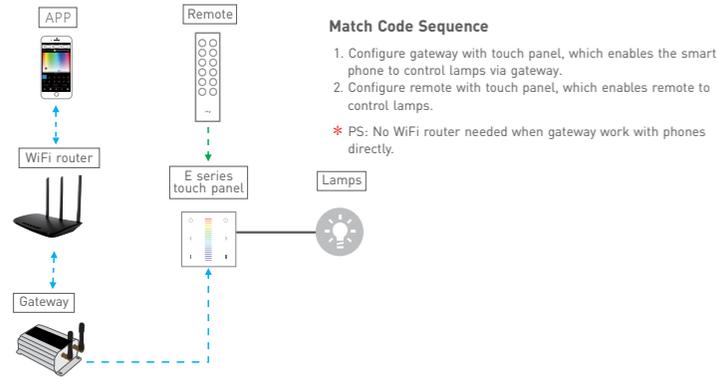
- Mode**
1. Static Red
  2. Static Green
  3. Static Blue
  4. Static Yellow
  5. Static Purple
  6. Static Cyan
  7. Static White
  8. RGB Jumping
  9. 7 Colors Jumping
  10. RGB Color Smooth
  11. Full-color Smooth



- 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 black (only close RGB)

## Match Code Sequence

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## Application Composition

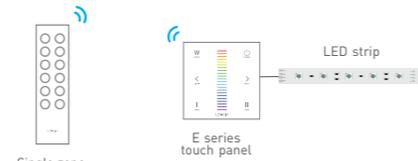
1. E series touch panel + Lamps
2. E series touch panel + Remote + Lamps
3. E series touch panel + WiFi master controller + Lamps
4. E series touch panel + WiFi master controller + Remote + Lamps

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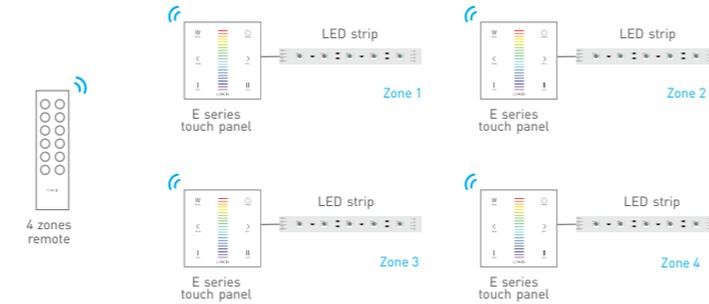
## RF Wireless Wiring

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### Single Zone Control



### Multiple Zones Control

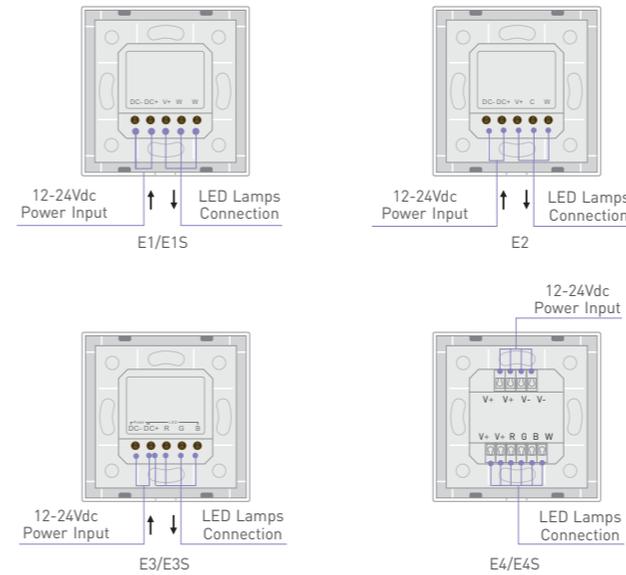


\* Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.

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## Terminals

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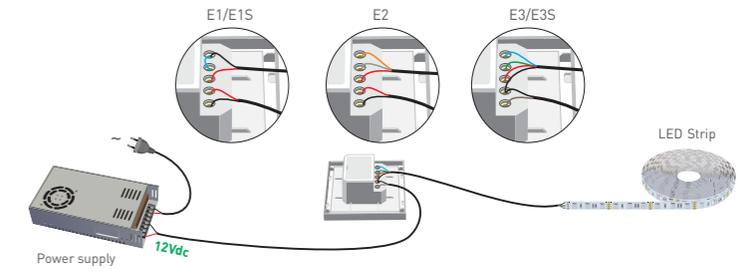


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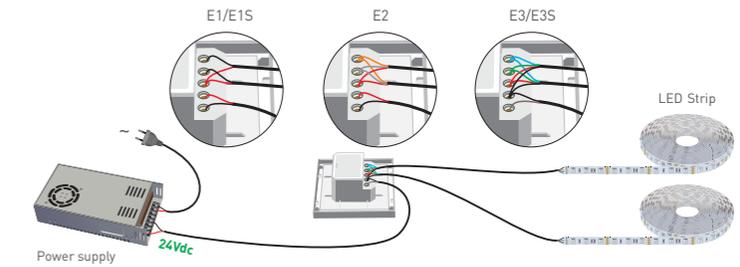
## Wiring Diagram

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



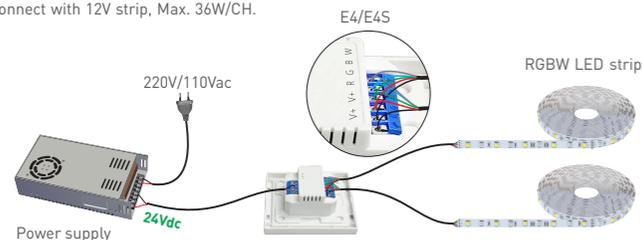
E.g 2: Connect with 24V strip. Max 96W/CH(24V)



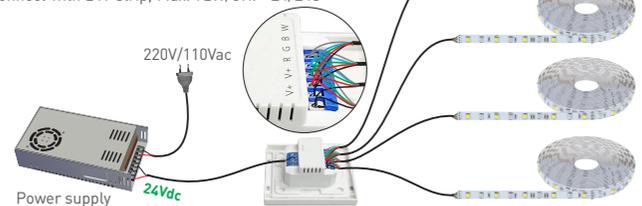
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Connect with 12V strip, Max. 36W/CH.



Connect with 24V strip, Max. 72W/CH. E4/E4S



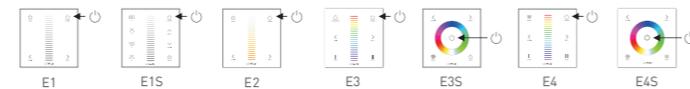
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## Match Code between Touch Panel & Remote

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

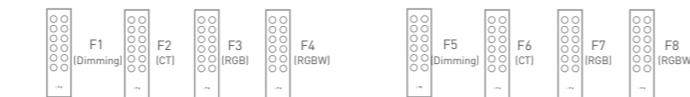
1. Long press on touch panel until indicator lights flicker.



2. Match code with F series remote:

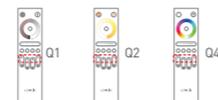
Single zone remote: long press ON/OFF key on remote, the indicator light stop flicking, match code successfully.

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.



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## Match Code between Touch Panel & Gateway

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

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



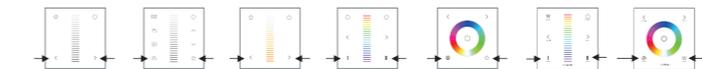
2. Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then operate following the prompts.



## 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.



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## Warranty Agreement:

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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.