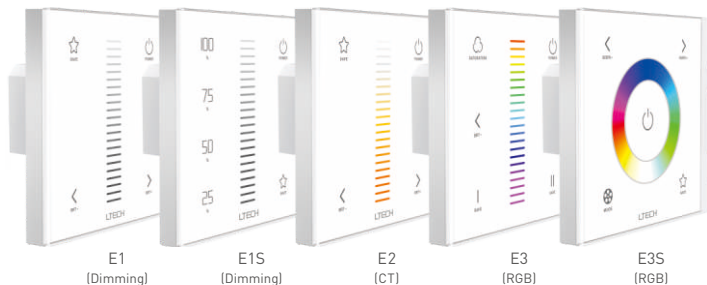


E Series Touch Panel



Manual
www.ltech-led.com

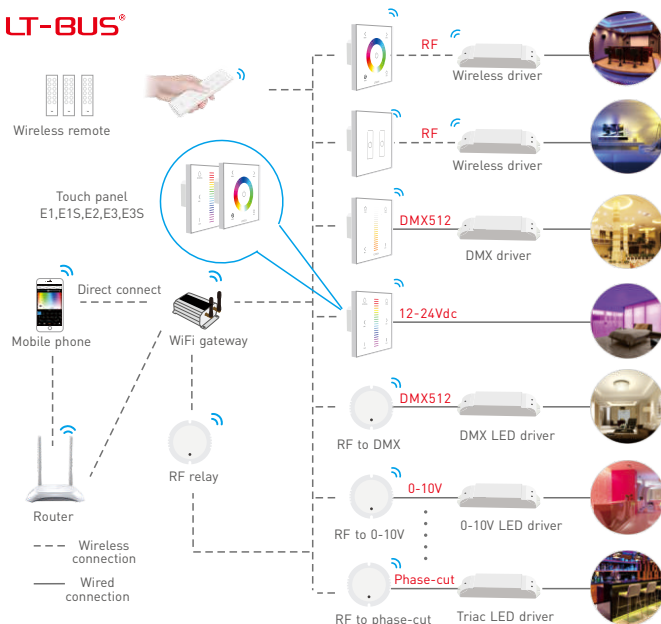
Product features

- 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.

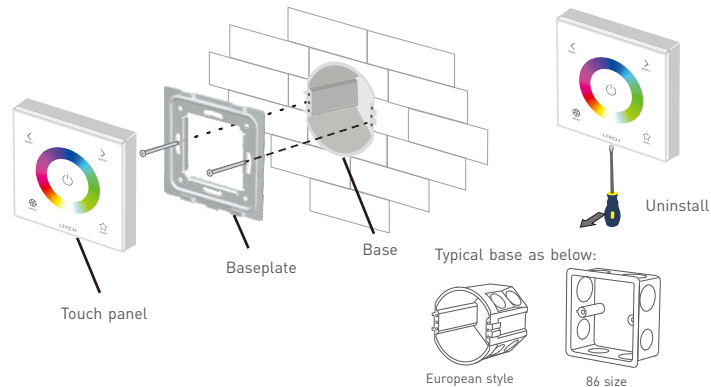
Technical specs

Model	E1	E1S	E2	E3	E3S
Control type	Dimming	Dimming	CT	RGB	RGB
Input voltage	12-24Vdc				
Wireless frequency	RF 2.4GHz				
Current load	4A×2CH Max. 8A		Max. 4A	4A×3CH Max. 12A	
Output power	[0~48W...96W]×2CH Max. 192W		0~48W...96W	[0~48W...96W]×3CH Max. 288W	
Protection	Short circuit / Over current protection, recover automatically.				
Working temp.	-20°C~55°C				
Dimensions	L86×W86×H36(mm)				
Package size	L113×W112×H50(mm)				
Weight(G.W.)	225g				

LT-BUS®

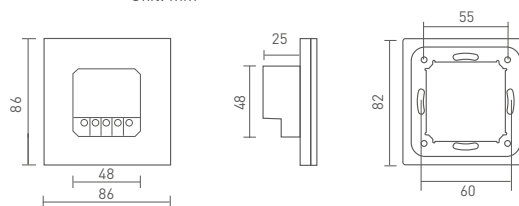


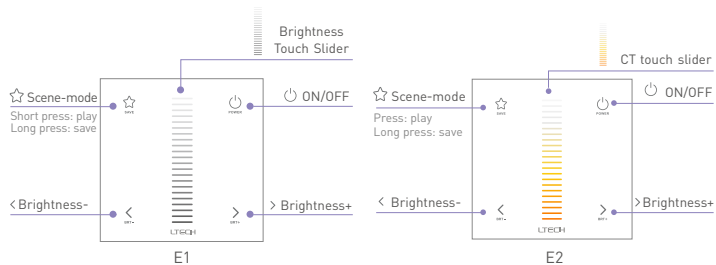
Installation instruction



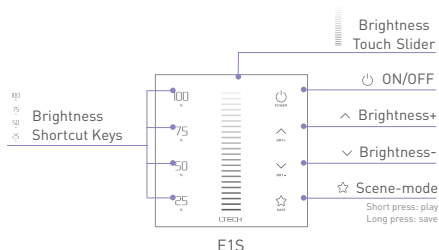
Product size

Unit: mm

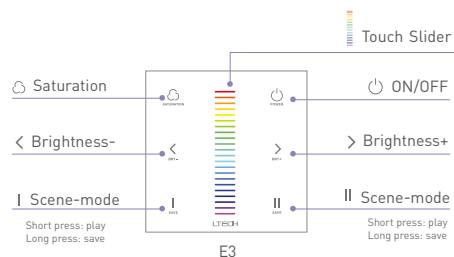




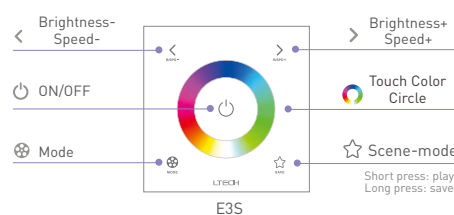
* When blue status light of key is on, long press to turn on/off buzzer.
When white status light of key is on, long press to match code.



* When status light of key is on, long press to turn on/off buzzer.
When status light of key is off, long press to match code.



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



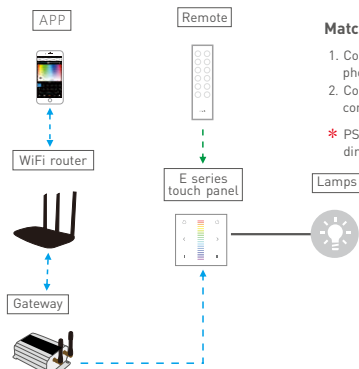
* When blue status light of key is on, long press to turn on/off buzzer.
When white status light of key is on, long press to match code.

E3 panel's 2 scene-mode keys are corresponding with WiFi-106 gateway APP's 1 & 2 scene-mode key, the scenes 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

Match code sequence



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.

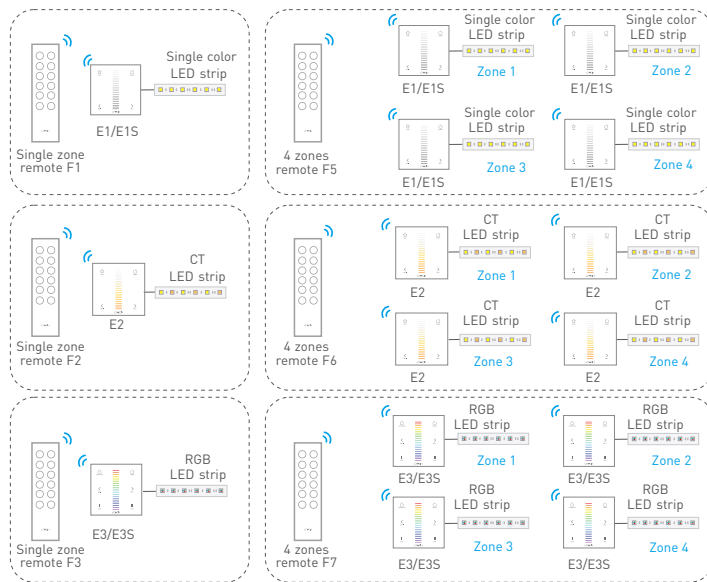
Application composition

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

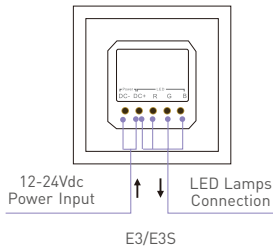
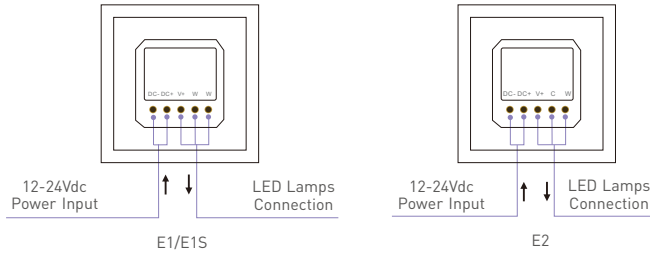
RF wireless wiring

Single Zone Control

Multiple Zones Control



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

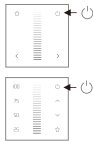


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Match code between touch panel & remote

E1/E1S touch panel match up with F1/F5 remote.

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



2. Press any key on F1 remote (or the matching zone key on F5), the indicator light stop flicking, match successfully.

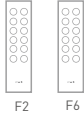


E2 touch panel match up with F2/F6 remote.

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

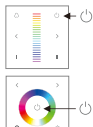


2. Press any key on F2 remote (or the matching zone key on F6), the indicator light stop flicking, match successfully.

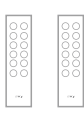


E3/E3S touch panel match up with F3/F7 remote.

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



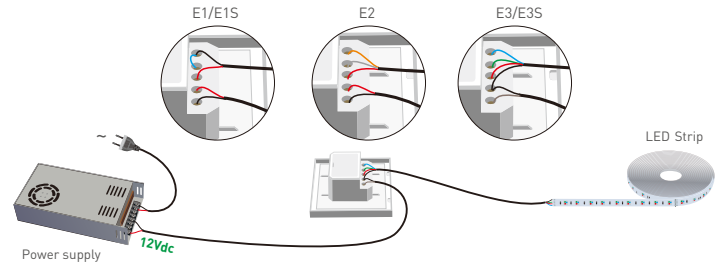
2. Press any key on F3 remote (or the matching zone key on F7), the indicator light stop flicking, match successfully.



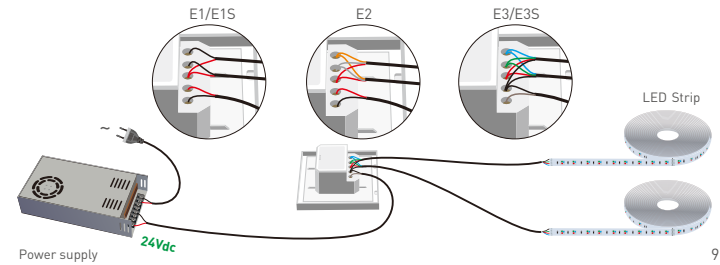
10

Wiring diagram

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



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

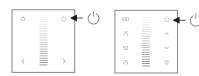


9

Match code between touch panel & gateway

E1/E1S touch panel match up with gateway.

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



2. Click the corresponding DIM zone on mobile phone, then touch the color screen, match successfully.

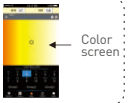


E2 touch panel match up with gateway.

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

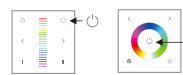


2. Click the corresponding CT zone on mobile phone, then touch the color screen, match successfully.



E3/E3S touch panel match up with gateway.

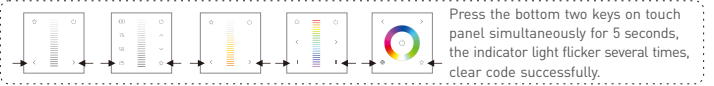
1. Long press on touch panel until indicator lights flicker.



2. Click the corresponding RGB zone on mobile phone, then touch the color screen, match successfully.



Clear code



* Please match/clear code when panel status light of On/Off is white (for EX1S is off).