



General

Product Type	Controller
Length (mm)	86
Width (mm)	86
Height (mm)	36
Housing Color	White
Housing Material	PC
Mounting	Built-in
Weight (g)	225

Electronics

Input Domain	DC
Input Voltage	12 ~ 24V DC
Output Voltage	12 ~ 24 V DC
Output Current (mA) max/output	4000
Output Current Max. (A)	8
Output Power (W)	96W @ 12V, 192W @ 24V
Power Supply	N/A

Lighting

Color Range	Single Color
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Control

Output Signal	PWM-CV
Number of Channels	2
Functions	programmable

Environmental

Operating Temperature	-20 ~ +55 °C
Ingress Protection	IP20

CE IP20

Disclaimer

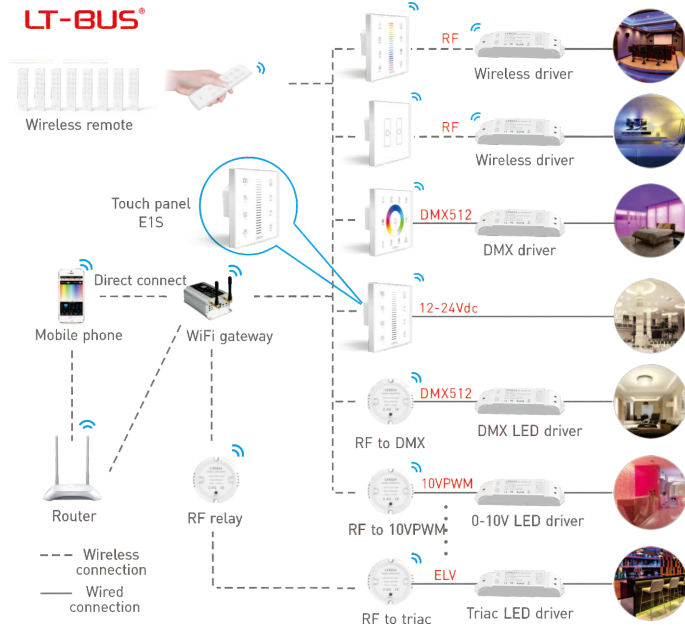
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

E1S Touch Panel (Dimming)



E1S

Manual
www.ltech-led.com



Product Features

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- 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.
- Save any scene you like, touch 1 key to recall scene, easy and convenient.
- Adopts capacitive touch control technology on the full color slider, makes LED dimming selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

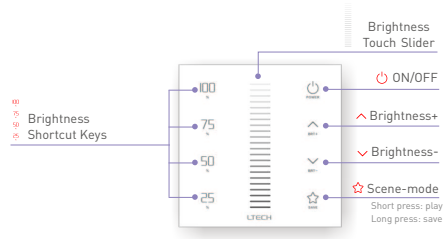
Technical Specs

E1S Dimming Touch Panel

Input Voltage:	12-24Vdc
Current Load:	Max. 8A
Output Power:	0~96W...192W
Wireless frequency:	RF 2.4GHz
Working Temp.:	-30°C~55°C
Dimensions:	L86×W86×H36(mm)
Package Size:	L113×W112×H50(mm)
Weight(G.W.):	225g

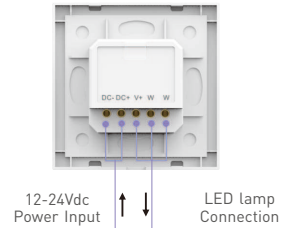
Key Functions:

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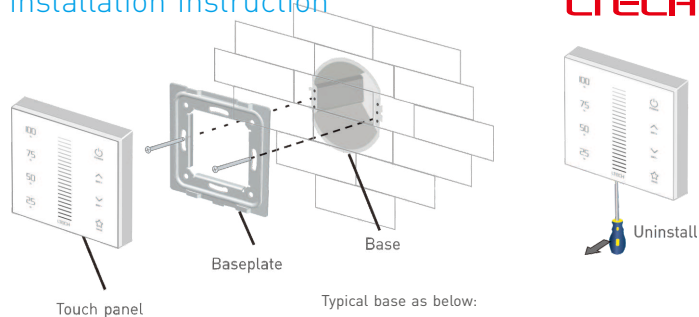


* When On/Off indicator light is on, long press to turn on/off buzzer.
When On/Off indicator light is off, long press to match code.

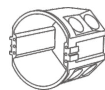
Terminals:



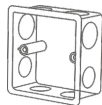
Installation Instruction



Typical base as below:



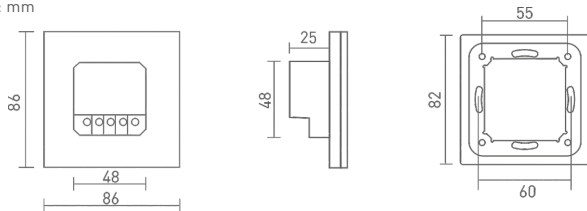
European style



86 size

Product Size

Unit: mm

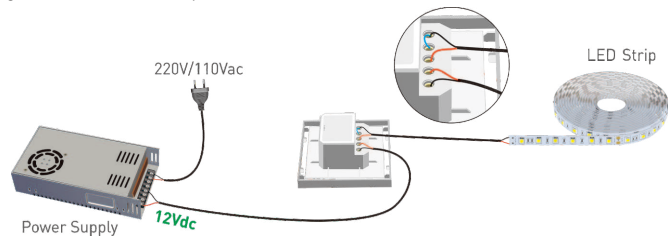


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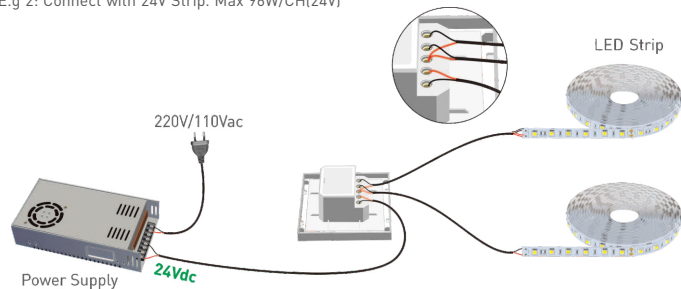
Wiring Diagram

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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)



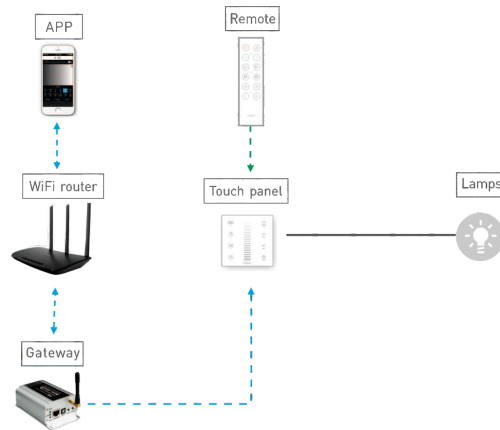
Application Composition

1. 
Touch panel
2.  + 
Touch panel Remote
3.  + 
Touch panel WiFi master controller
4.  +  + 
Touch panel WiFi master controller Touch panel

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Match Code Sequence

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

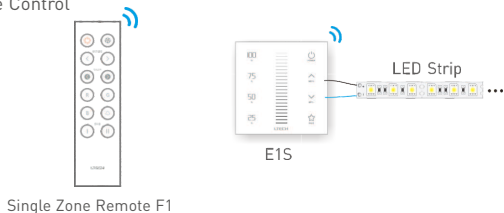
Match Code Sequence

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

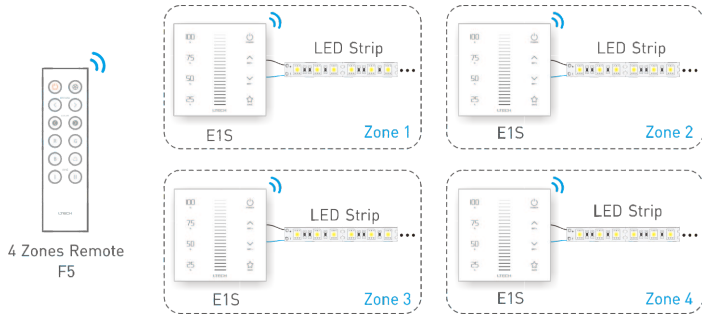
RF Wireless Wiring

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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.

Match Code between Touch Panel & Remote

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1.

Long press  on touch panel until all indicator lights flicker.



2.

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



Match code between touch panel & gateway

1.

Long press  on touch panel until all indicator lights flicker.



2.

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



Clear code:



Press 25  on touch panel simultaneously for 5 seconds, the indicator light flicker several times, clear code successfully.

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