



General

Product Type	Constant Voltage Driver, 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	3000
Output Current Max. (A)	3
Output Power (W)	180W @ 12V, 360W @ 24V
Power Supply	External

Lighting

Color Range	RGBWY
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Control

Output Signal	PWM-CV
Control	Radio Frequency
Number of Channels	5
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.

E5S Touch Panel (RGBWW)

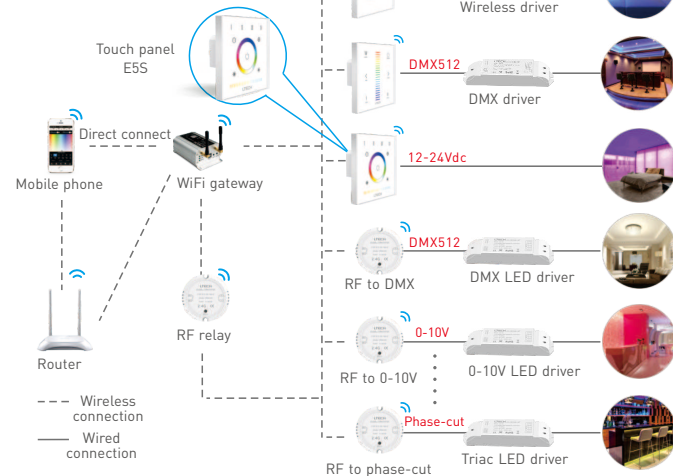


Manual
www.ltech-led.com

LT-BUS®



Wireless remote



Product Features

LTECH

- 2 in 1 function: RF wireless control and PWM power output.
- Power output, lamps can be connected directly, easy and convenient.
- RGB, RGBW, RGB+CT LED lights can be controlled.
- Touch keys with chord and LED indicator.
- Adopts capacitive touch control technology on the full color panel, makes LED color selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

Technical Specs

Model: E5S

Input Voltage: 12-24Vdc

Wireless Frequency: RF 2.4GHz

Current Load: RGB: 3A×3CH CT: Max. 3A

Output Power: RGB: (0~36W...72W)×3CH CT: 0~36W...72W

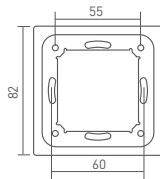
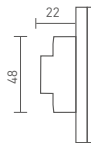
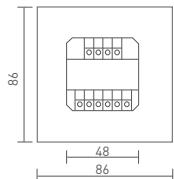
Working Temp.: -20°C~55°C

Dimensions: L86×W86×H36(mm)

Package Size: L113×W112×H50(mm)

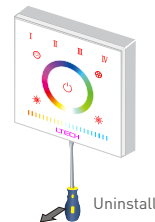
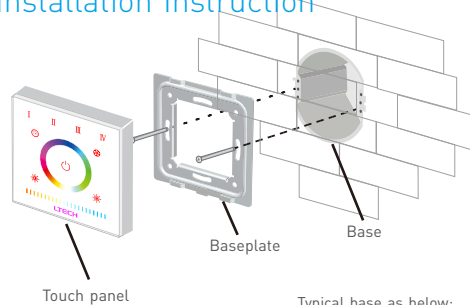
Weight(G.W.): 225g

Unit: mm

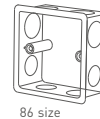


Installation Instruction

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Typical base as below:



Terminals



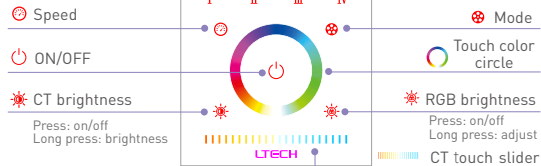
12-24Vdc
Power Input

LED Lamps
Connection

Key Functions

I II III IV Scene-mode

Short press: play
Long press: save



* 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.

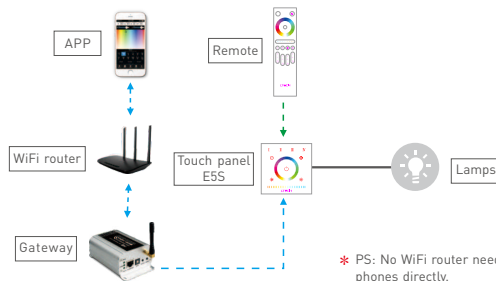
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Mode

1. Red green jumping
2. Green blue jumping
3. Red blue jumping
4. RGB jumping
5. 7 colors jumping
6. Red green smooth
7. Green blue smooth
8. Red blue smooth
9. RGB smooth
10. 7 colors smooth

System Diagram

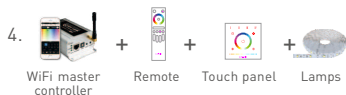
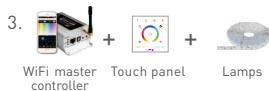
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* PS: No WiFi router needed when gateway work with phones directly.

FC CE RoHS (warranty 5 years) ISO9001:2008

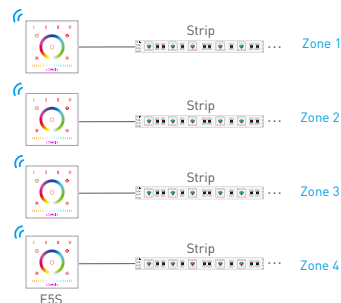
Application Composition



RF Wireless Wiring



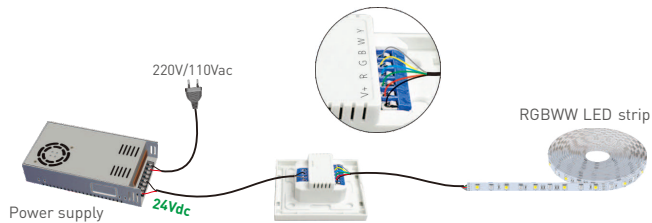
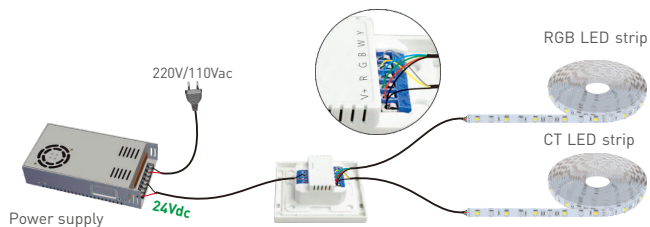
* Touch panels can be sync controlled by multi remotes, please refer to the manual of remote's usage.



Wiring Diagram

Connect with 12V strip, RGB Max. 108W, CT Max. 36W.
Connect with 24V strip, RGB Max. 216W, CT Max. 72W.

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Match Code between Touch Panel & Remote

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1.

Long press  on touch panel until all scene's status lights flicker.



2.

Press zone key on Q5 remote, the status light of remote stop flicking, match successfully.



Q5

Match Code between Touch Panel & Gateway

1.

Long press  on touch panel until all scene's status lights flicker.



2.

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



Color screen

Clear Code



Press the bottom two key on touch panel simultaneously for 5 seconds, the status light flicker several times, clear code successfully.

* Please match/clear code when panel is on (white status light of  key is on).