



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)	12
Output Power (W)	144W @ 12V, 288W @ 24V
Power Supply	N/A

Lighting

Color Range	RGBW
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Control

Output Signal	PWM-CV
Control	Radio Frequency
Number of Channels	4
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.

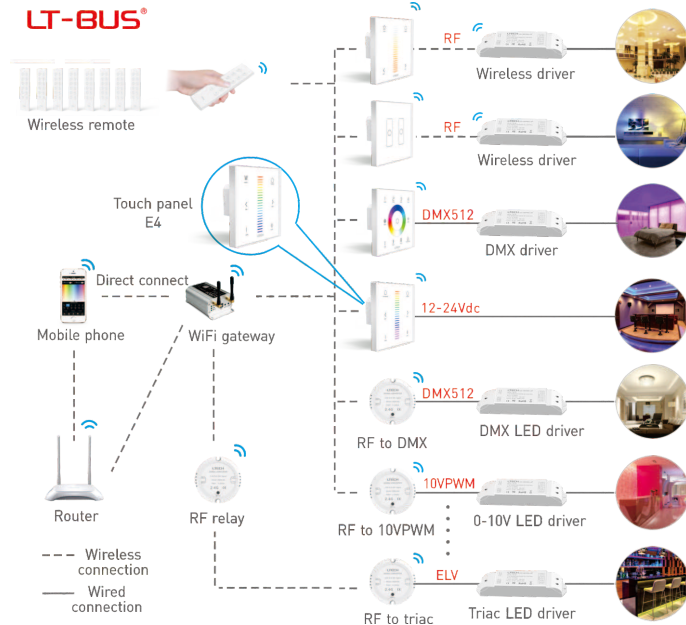


E4 Touch Panel (RGBW)



E4

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 color selection more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

Technical Specs

E4 RGBW Touch Panel

Input Voltage:	12-24Vdc
Current Load:	3A×4CH Max. 12A
Output Power:	[0~36W...72W]×4CH Max. 288W
Wireless Frequency:	RF 2.4GHz
Working Temp.:	-20°C~55°C
Dimensions:	L86×W86×H36(mm)
Package Size:	L113×W112×H50(mm)
Weight(G.W.):	225g

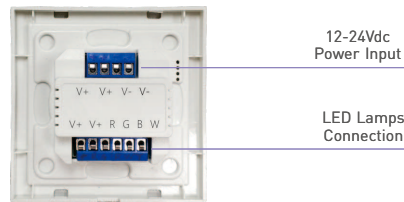
Key Functions:

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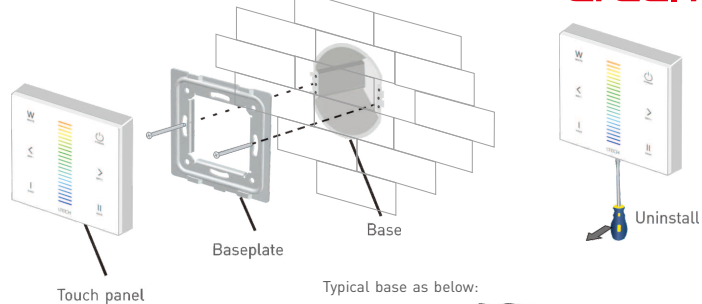


- * When blue status light of key is on, long press to turn on/off buzzer.
When white status light of key is on, long press to match code.
Panel's 2 scene-mode keys are corresponding with WiFi-106 gateway APP's 1 & 2 scene-mode key, the scenes can be changed by APP or panel.

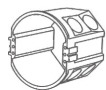
Terminals:



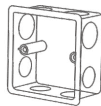
Installation Instruction



Typical base as below:



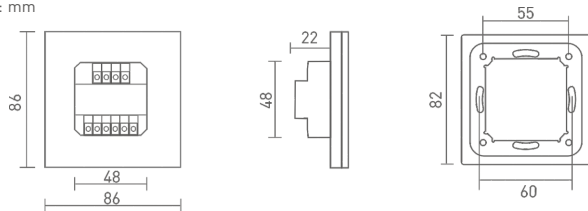
European style



86 size

Product Size

Unit: mm

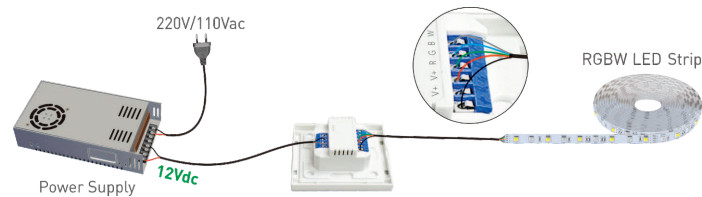


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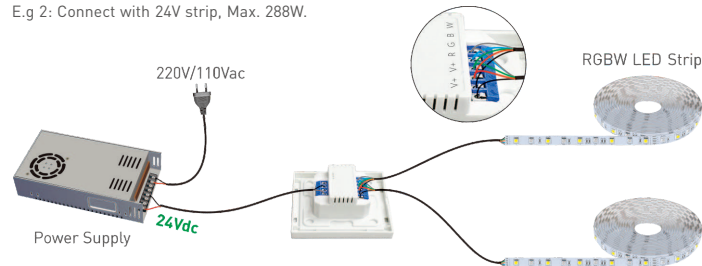
Wiring Diagram

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E.g 1: Connect with 12V strip, Max. 144W.



E.g 2: Connect with 24V strip, Max. 288W.



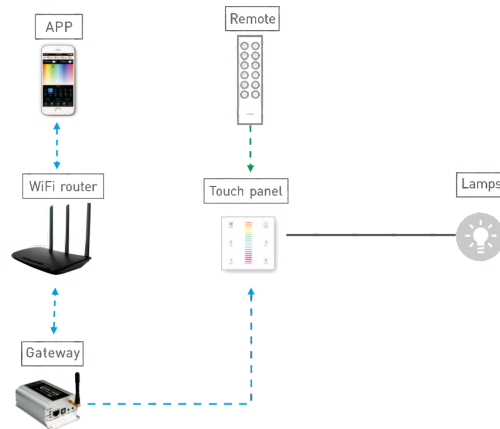
Application Composition

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

Match Code Sequence

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

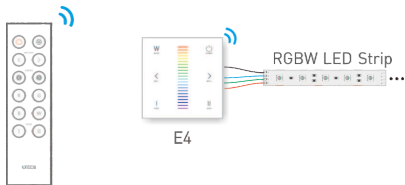
Match Code Sequence

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

RF Wireless Wiring

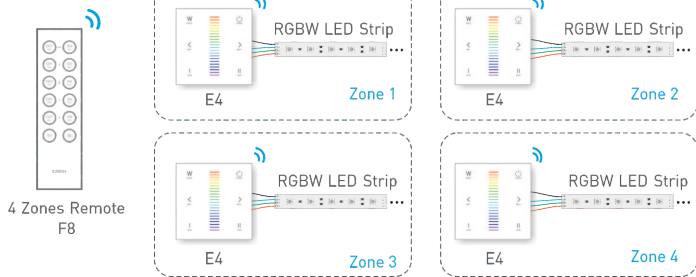
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Single Zone Control



Single Zone Remote F4

Multiple Zones Control



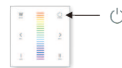
* Touch panels can be sync controlled by multi remotes, Please refer to the manual of remote's usage.

Match Code between Touch Panel & Remote

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1.

Long press  on touch panel until all status lights flicker.



2.

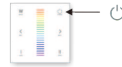
Press any key on F4 remote (or the matching zone key on F8), the status light stop flicking, match successfully.



Match code between touch panel & gateway

1.

Long press  on touch panel until all status lights flicker.

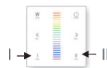


2.

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



Clear code:



Press **I II** 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).