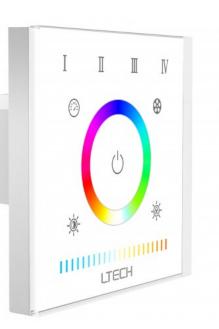
LED Touch Controller RGBWY - E5S



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
,	
Power Supply	
Power Supply	External
Power Supply Lighting Color Range	External
Power Supply Lighting Color Range Control	External
Power Supply Lighting Color Range Control Output Signal	External RGBWY PWM-CV
Power Supply Lighting Color Range Control Output Signal Control	External RGBWY PWM-CV Radio Frequency
Power Supply Lighting Color Range Control Output Signal Control Number of Channels	External RGBWY PWM-CV Radio Frequency 5
Power Supply Lighting Color Range Control Output Signal Control Number of Channels Functions	External RGBWY PWM-CV Radio Frequency 5

C€ 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. 181

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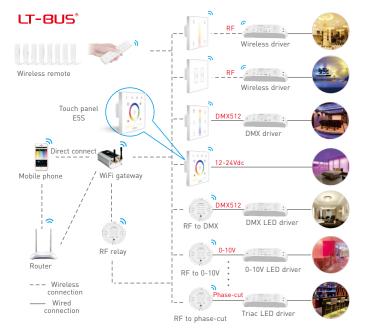
one.com

LTECH

ESS Touch Panel (RGBWW)



Manual www.ltech-led.com



LTECH

Product Features

LTECH

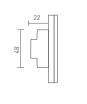
- 2 in 1 function: RF wireless control and PWM power output.
- Power output, lamps can be connected directly, easy and convenient.
- RGB, RGBW, RGB+CT LED lights can be controlled.
- · Touch keys with chord and LED indicator.
- Adopts capacitive touch control technology on the full color panel, makes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

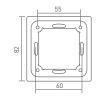
Technical Specs

Model:	E5S	Working Temp.:	-20°C~55°C
Input Voltage:	12-24Vdc	Dimensions:	L86×W86×H36(mm)
Wireless Frequency:	RF 2.4GHz	Package Size:	L113×W112×H50(mm)
Current Load:	RGB: 3A×3CH CT: Max. 3A	Weight(G.W.):	225g
Output Power:	RGB: (0~36W72W)×3CH CT: 0~36W72W		

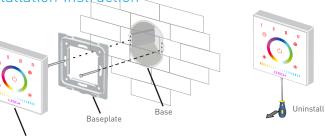
Unit: mm







Installation Instruction



Touch panel

Typical base as below:





European style

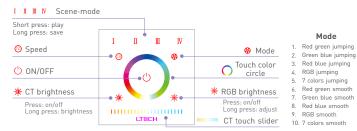
86 size

Terminals



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Key Functions



* 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.

> FC CE ROHS (warranty 5 years) (Sears)

Application Composition









WiFi master

controller





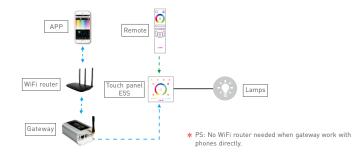
Remote Touch panel Lamps

Lamps

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System Diagram

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RF Wireless Wiring



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

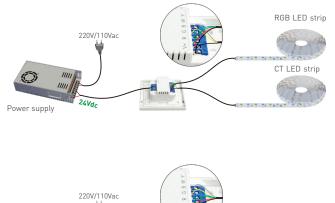


Wiring Diagram

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

24Vdc

Power supply



.....

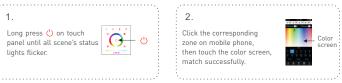
RGBWW LED strip

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Match Code between Touch Panel & Remote



Match Code between Touch Panel & Gateway



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).