E3S Touch Panel

(RGB)

E3S

Manual

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LT-BUS®

Wireless remote

Touch panel
E3S

Direct connect

Mobile phone

WiFi gateway

Router

RF relay

RF
Wireless driver

RF
Wireless driver

DMX512
DMX driver

12-24Vdc

DMX512
RF to DMX
DMX LED driver

10VPWM
RF to 10VPWM
0-10V LED driver

ELV
RF to triac
Triac LED driver

- - - Wireless connection
——— Wired connection
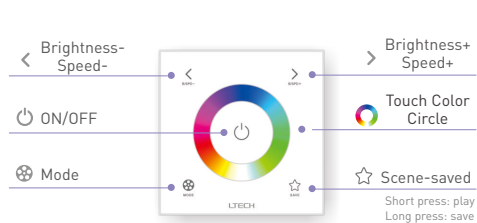
Product Features

- 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.
- Save any scene you like, touch 1 key to recall scene, easy and convenient.
- 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

E3S RGB Touch Panel

Input Voltage:	12-24Vdc
Current Load:	4A×3CH Max. 12A
Output Power:	(0~48W...96W)×3CH Max. 288W
Working Temp.:	-30℃~55℃
Dimensions:	L86×W86×H36(mm)
Package Size:	L113×W112×H50(mm)
Weight(G.W.):	225g

Key Functions:

Brightness-
Speed-

Brightness+
Speed+

ON/OFF

Touch Color
Circle

Mode

Scene-saved

Short press: play
Long press: save

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

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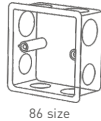When On/Off indicator light is off, long press ⏻ to match code.

Terminals:

12-24Vdc
Power Input

LED Lamps
Connection
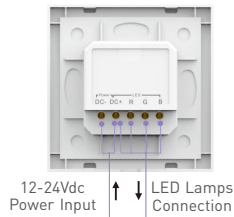
Installation Instruction

Touch panel

Baseplate

Base

Uninstall
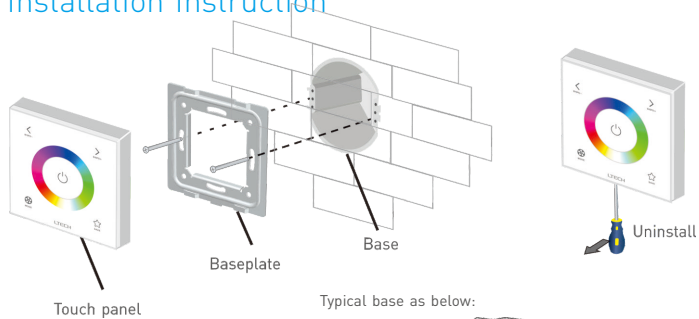
Typical base as below:

European style

86 size

Product Size

Unit: mm

86

48

86

25

48

55

82

60
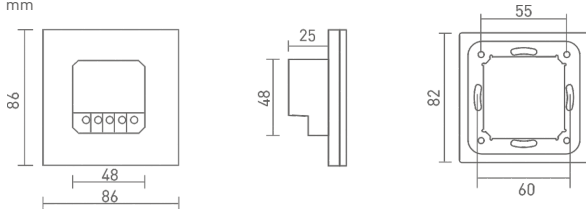
Wiring Diagram

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

220V/110Vac

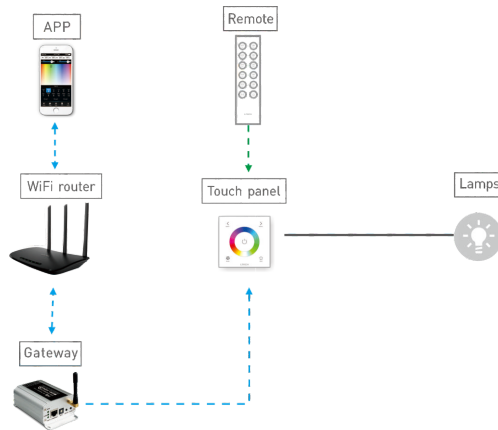Power Supply

12Vdc

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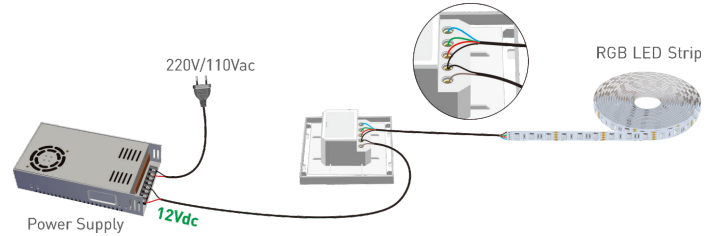
E.g 2: Connect with 24V Strip. Max 96W/CH(24V)

220V/110Vac

Power Supply

24Vdc

RGB LED Strip
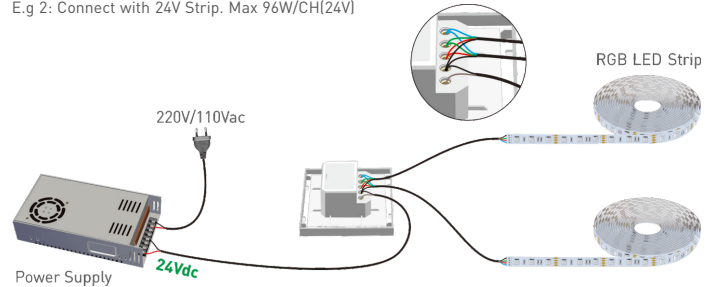
Application Composition

1.

Touch panel

2.

Touch panel + Remote

3.

Touch panel + WiFi master controller

4.

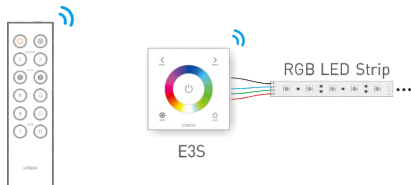Touch panel + WiFi master controller + Touch panel

Match Code Sequence

APP

Remote

WiFi router

Touch panel

Lamps

Gateway

✱ 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.

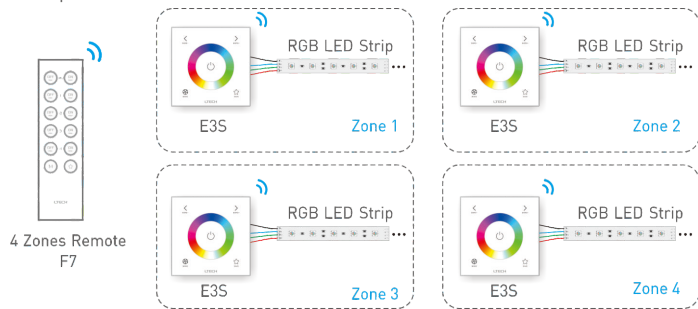2. Configure remote with touch panel, which enables remote to control DMX device.

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RF Wireless Wiring

Single Zone Control

Single Zone Remote F3

E3S

RGB LED Strip

Multiple Zones Control

4 Zones Remote F7

E3S	RGB LED Strip	Zone 1
E3S	RGB LED Strip	Zone 2
E3S	RGB LED Strip	Zone 3
E3S	RGB LED Strip	Zone 4

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

Match Code between Touch Panel & Remote

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

2.
Press any key on F3 remote (or the matching zone key on F7), 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 CT zone on mobile phone, then touch the color screen, match successfully.

Color screen

Clear code:

Press ✲ ☆ 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.