L&L
Luce&Light

INSTALLATION INSTRUCTIONS

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Power supply units and control gears

ECPNL2301DM20 Touch Panel

Input Voltage:	115-230 Vac 50/60 Hz
Output Signal:	RF 2.4GHz,
Control Mode:	DMX512 RGBW, 4 Zones Control
Working Temp.:	-30°C~ 55°C
Size:	L86×W86×H36 (mm)
Weight(G.W.):	225 g

TOUCH PANEL (RGBW)

FC CE RoHS COMPLIANT

Product Size:

86mm

86mm

25

48

55mm

82mm

60mm

Terminals

L N D+ D- GND

100-240Vac
Power Input

DMX Signal
Output

Installation Instruction:
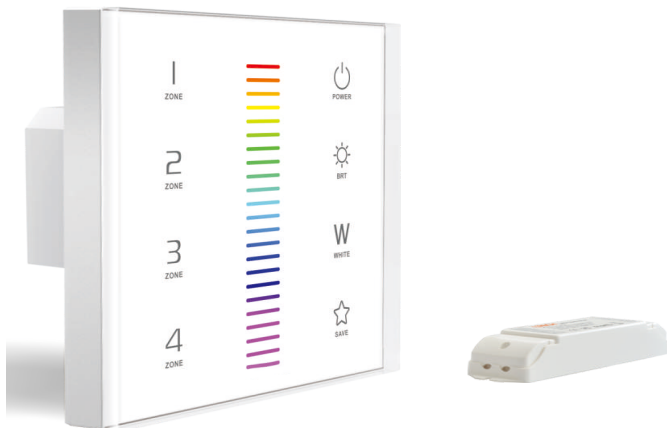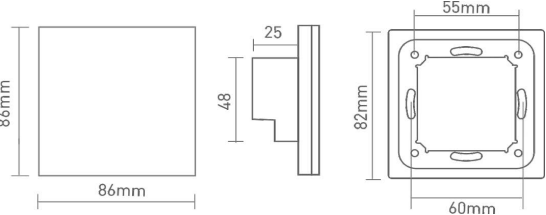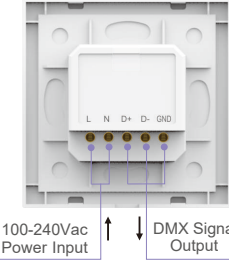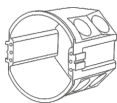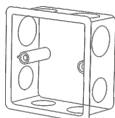

4 Use a straight screwdriver to pry the position shown:
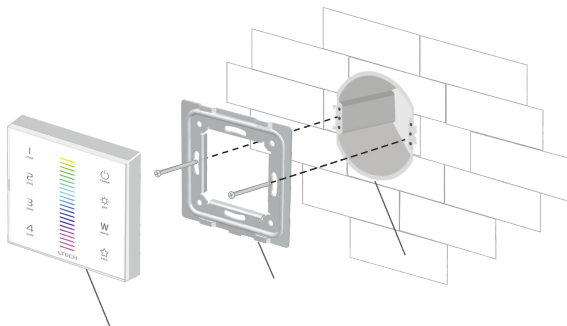
1. Install the back box into the wall. Typical boxes as below:
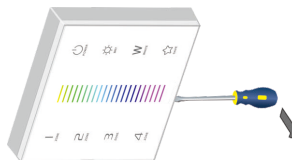

European style   86 size
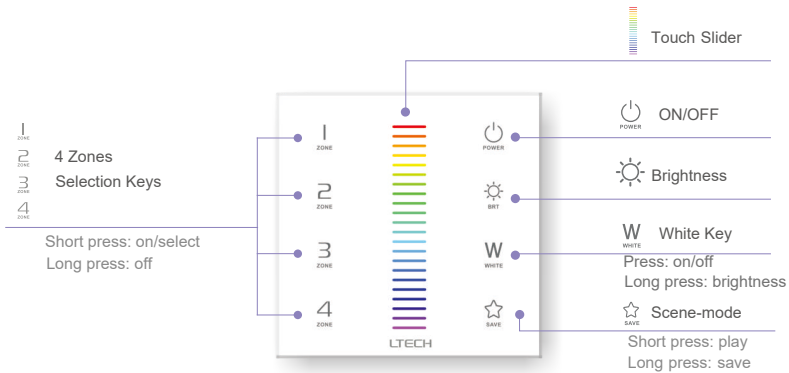
2. screw the baseplate and the back box in the wall firmly.

3 Connect in a right way and put the panel into the back box.

Key Functions

Touch Slider

4 Zones
Selection Keys

Short press: on/select
Long press: off

ZONE

1
ZONE

2
ZONE

3
ZONE

4
ZONE

LTECH

ON/OFF
POWER

Brightness
BRT

W
WHITE

W White Key
WHITE

Press: on/off
Long press: brightness

SAVE Scene-mode

Short press: play
Long press: save

❋ When the touch panel is off, Long press to ⏻ turn on/off the buzzer
POWER

When the touch panel is on ,Long press ⏻ to match code.
POWER

Wireless System Wiring

App

Modem/router　　Touch panel

RF receiver

ECCTR1244CV20

*PS: No WiFi router needed when ECCTR1244CV20
　　 work with phones directly.

Match Code Sequence

1. ECCTR1244CV20 & ECPNL2301DM20
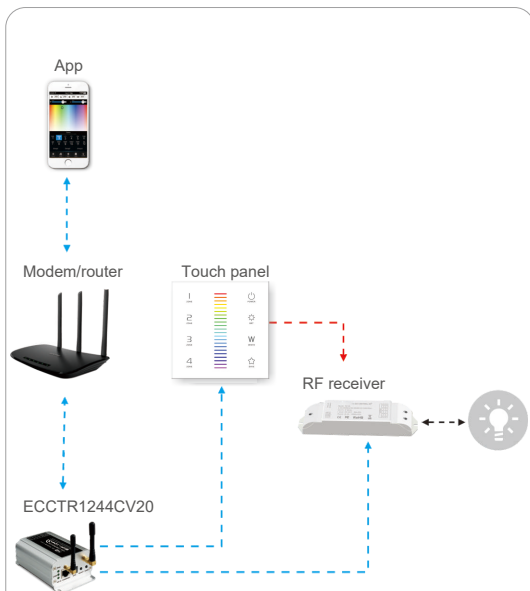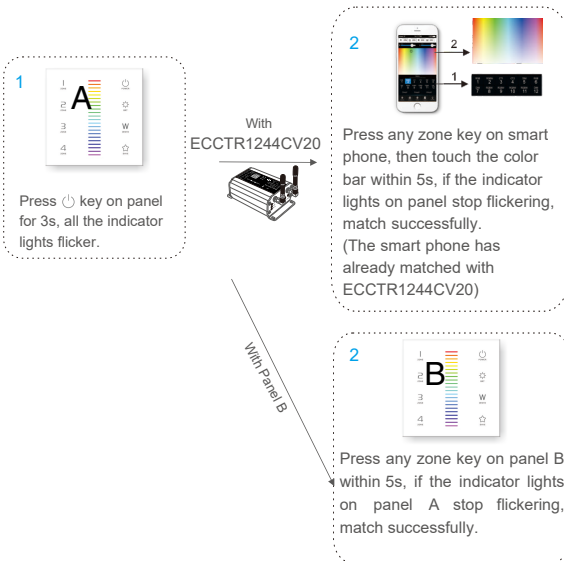
2. ECPNL2301DM20 & RF receiver

Match / Clear Code for
Touch panel & ECCTR1244CV20

Match Code:

1

With
ECCTR1244CV20

Press ⏻ key on panel
for 3s, all the indicator
lights flicker.

2

Press any zone key on smart
phone, then touch the color
bar within 5s, if the indicator
lights on panel stop flickering,
match successfully.
(The smart phone has
already matched with
ECCTR1244CV20)

With Panel B

2

Press any zone key on panel B
within 5s, if the indicator lights
on panel A stop flickering,
match successfully.

Clear Code:

Press 4 ☆ keys simultaneously on
panel for more than 6s, if all the indicator
lights flicker 3 times, deactivate the
matching successfully.

Application Composition

Wireless Control options:

APP

cv 4 channels
ECCTR1244CV20

cc 4 channels
ECCTS1284CC20

cv 4 channels
ECCTS5244CV20

DMX512 signal 1-4 zones
ECCTS5241DM20

APP

cc 4 channels
cv 4 channels

APP

DMX512 1-4 zones

DMX Output Wiring

DMX512 bus

DMX512 bus

DMX512 bus

DMX512 bus

ARVUNID2

ARVUNID2

ARCUNID2

AR330350TC
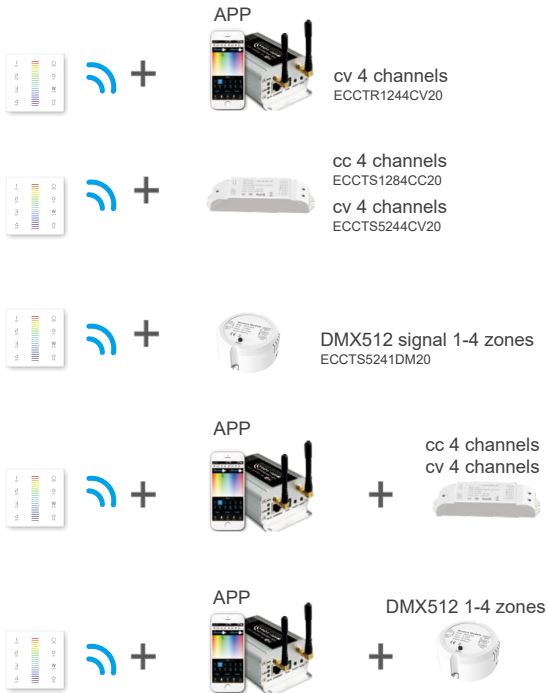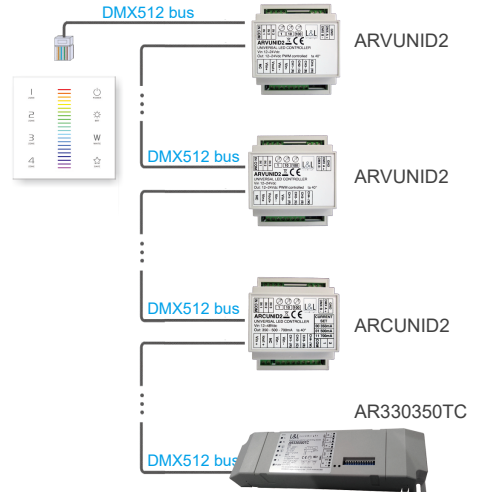
RF Wireless Wiring

Match/Clear Code between Touch Panel & Receiver

Match code:

Method 1：When the touch panel is on and the wiring between the receiver and the lamps are correct.
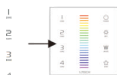
1. Receiver Power on the receiver, and complete step 2 within 10s.	2. POWER Long press on the touch panel, the lamps flicker.	3. Touch the matching zone key on the touch panel, the lamps stop flicking, match successfully.
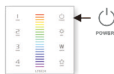
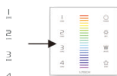Method 2：When the touch panel is on and the wiring between the receiver and the lamps are correct.

1. Receiver ID learning button Short press "ID learning button" on the receiver.	2. POWER Long press on the touch panel, the lamps flicker.	3. Touch the matching zone key on the touch panel, the lamps stop flicking, match successfully.

Clear code:

Method 1: Power on and off the receiver continuously for 5 times, if the buzzer long beep and lamps flicker twice, deactivate the matching successfully.

Receiver

Method 2: Long press "ID learning button" on receiver for 5 seconds, if the lamps flicker twice, deactivate the matching successfully.

Receiver
ID learning button