LTECH

UX7 TOUCH PANEL (RGB)

Manual
www.ltech-led.com

Technical Specs

UX7 RGB Touch Panel

Input Voltage:	5Vdc, 0.5A~1A (with an adapter)	Weight(N.W.):	230g
		Weight(G.W.):	370g
Output Signal:	RF 2.4GHz, DMX512		
Control Mode:	RGB, 4 Zones Control		
Working Temp.:	-30℃~55℃		
Package Size:	L132×W192×H50(mm)		

R4-3A   Constant Voltage Receiver (receiver is sold separately)

Wireless Signal:	RF 2.4GHz	Working Temp.:	-30℃~55℃
Input Voltage:	5~24Vdc	Package Size:	L127×W35×H24(mm)
Current Load:	3A×4CH Max. 12A	Weight(G.W.):	60g
Output Power:	Max. 60W/144W/288W(5V/12V/24V)		

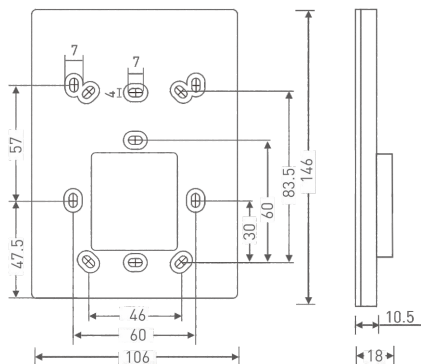### R4-5A   Constant Voltage Receiver (receiver is sold separately)

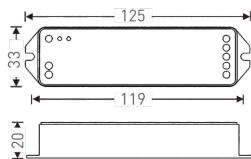|			
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30℃~55℃
Input Voltage:	5~24Vdc	Package Size:	L178×W48×H33(mm)
Current Load:	5A×4CH Max. 20A	Weight(G.W.):	150g
Output Power:	Max. 100W/240W/480W(5V/12V/24V)		

R4-CC   Constant Current Receiver (receiver is sold separately)

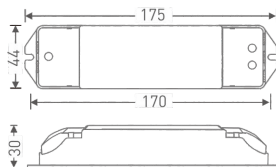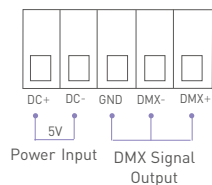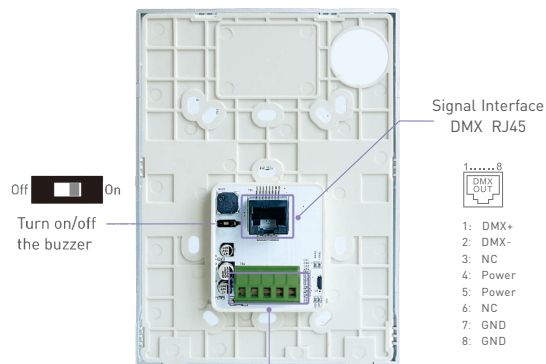|			
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30℃~55℃
Input Voltage:	12~48Vdc	Package Size:	L178×W48×H33(mm)
Output Voltage:	3~46Vdc	Weight(G.W.):	165g
Output Current:	CC 350/700/1050mA×4CH		
Output Power:	1.05W~48.3W×4CH Max. 193.2W		

Product Size:

The unit: mm

Touch Panel

R4-3A

R4-5A/R4-CC

Terminals

Off — On

Turn on/off the buzzer

Signal Interface
DMX RJ45

1......8

DMX
OUT

1: DMX+
2: DMX-
3: NC
4: Power
5: Power
6: NC
7: GND
8: GND

DC+ DC- GND DMX- DMX+

5V

Power Input

DMX Signal Output

USB Input

Power Indicator

The Running Light

Slot

Reset key

Slot
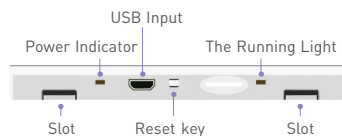
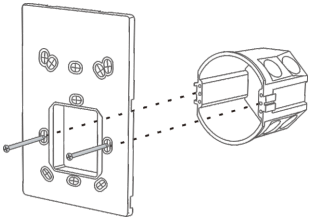# Installation Instruction:

Base

Baseplate

Touch Panel
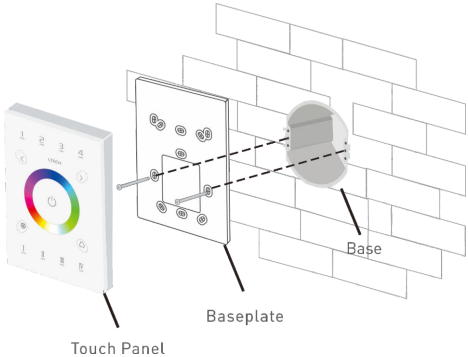
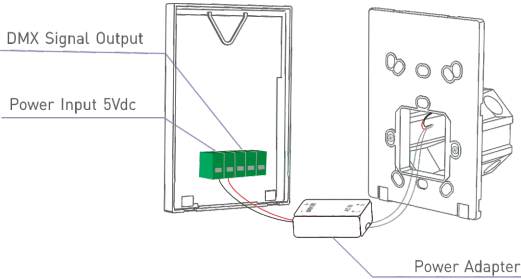1. Install the base into the wall. Typical baees as below:
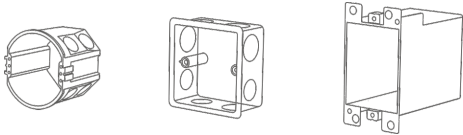
2 Use a straight screwdriver to pry the position shown:
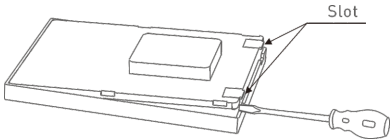
Slot

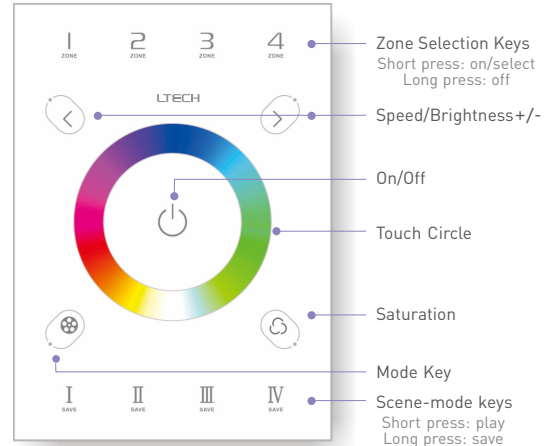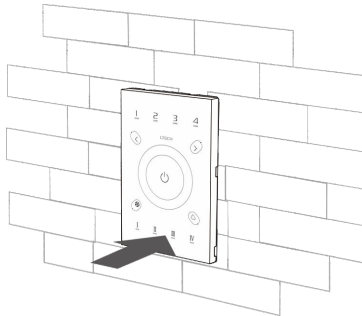3. Screw the baseplate and the base in the wall firmly.

4 Connect in a right way and put the power adapter into the base.

DMX Signal Output

Power Input 5Vdc

Power Adapter

5 Embed the upper touch panel into the baseplate and then tap the
   bottom to press into the slots.

Key Functions

Zone Selection Keys
Short press: on/select
Long press: off

Speed/Brightness+/-

On/Off

Touch Circle

Saturation

Mode Key

Scene-mode keys
Short press: play
Long press: save
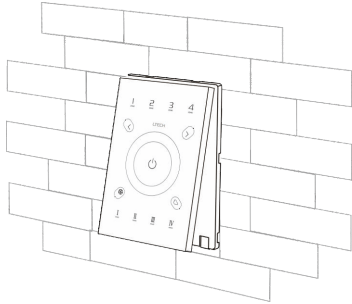
The Changing Mode (Press ⊛ to Select):

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 Smooth	11. 7 Colors Smooth	

Application Composition

DMX512 Signal Output :

1. Touch panel (UX7)

2. Touch panel (UX7) + Remote (V7)

3. Touch panel (UX7) + WiFi master controller (WiFi-104)

4. Touch panel (UX7) + WiFi master controller (WiFi-104) + Remote (V7)

Wireless Control:

1. Touch panel (UX7) + Wireless receiver (R4-3A/5A, R4-CC)

2. Touch panel (UX7) + Remote (V7) + Wireless receiver (R4-3A/5A, R4-CC)

3. Touch panel (UX7) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)

4. Touch panel (UX7) + WiFi master controller (WiFi-104) + Remote (V7) + Wireless receiver (R4-3A/5A, R4-CC)

DMX Output Wiring

DMX Input

DMX Output

DMX512 DECODER Model: LT-858-5A — RGB Strip
DMX Address=1
Zone 1
12-24Vdc

DMX512 DECODER Model: LT-858-5A — RGB Strip
DMX Address=5
Zone 2
12-24Vdc

DMX512 DECODER Model: LT-858-5A — RGB Strip
DMX Address=9
Zone 3
12-24Vdc

DMX512 DECODER Model: LT-858-5A — RGB Strip
DMX Address=13
Zone 4
12-24Vdc

DMX Output

DMX lamp

Power supply   Power supply   Power supply   Power supply

RF Wireless Wiring

5-24Vdc   12-48Vdc

CV receiver R4-5A   CV

CC receiver R4-CC   CC

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RGB Strip

RGB LED Panel Light

The Running Light
ID Learning Button

ADDRESS SETTING

Match / Clear Code between UX7 (V7) & Receivers

Match Code:

Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any zone key on UX7 or V7, if the LEDs flicker once, match successfully.

Clear Code:

Long press "ID learning button" on receiver(R4-3A/5A, R4-CC) for 5 seconds, if the LEDs flicker twice, deactivate the matching successfully.

DMX System Wiring

APP

V7

WiFi Router

UX7

DMX Decoder

Lamp

DMX Lamp
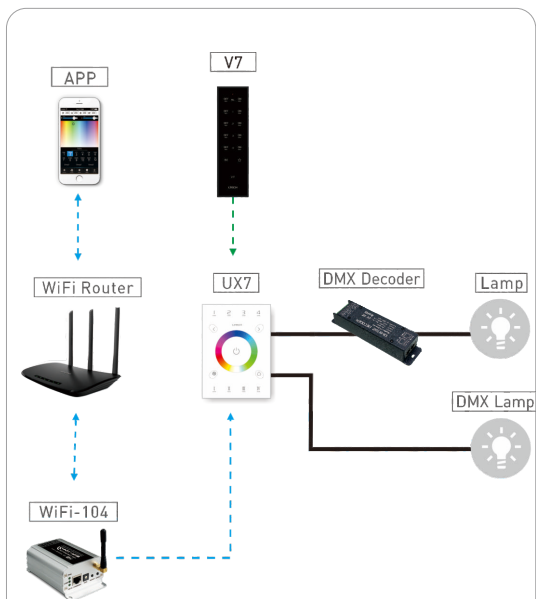
WiFi-104

＊ PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

1. Configure WiFi-104 with UX7, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V7 with UX7, which enables V7 to control DMX device.

Wireless System Wiring

* PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

1. WiFi-104 & UX7

2. UX7 & R4-5A/R4-CC

3. V7 & R4-5A/R4-CC

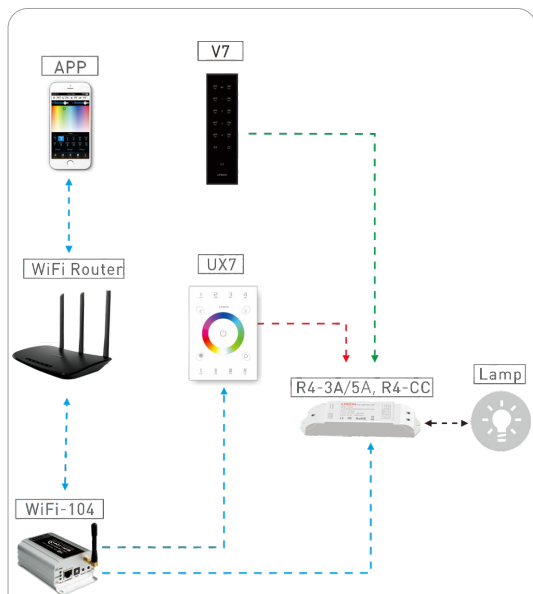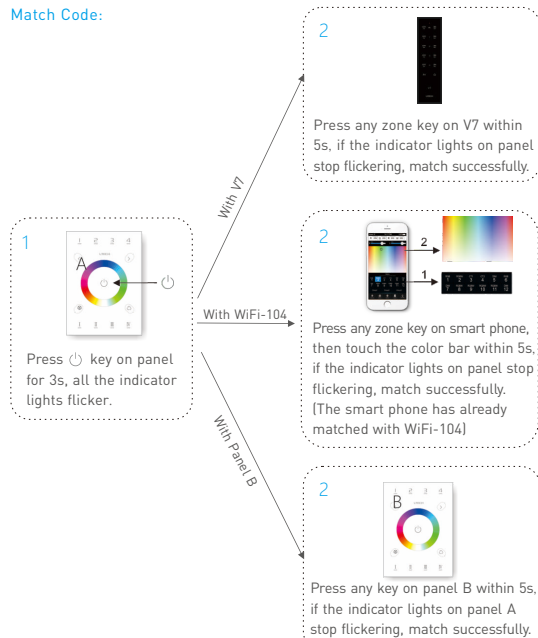# Match / Clear Code for UX7 & WiFi-104, V7, UX7

Match Code:

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

With V7

2 Press any zone key on V7 within 5s, if the indicator lights on panel stop flickering, match successfully.

With WiFi-104

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 WiFi-104)

With Panel B

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

Clear Code:

Press Ⅰ Ⅳ keys simultaneously on UX7 for more than 6s, if all the indicator lights flicker 3 times, deactivate the matching successfully.