LTECH

UX8 TOUCH PANEL (RGBW)

Manual
www.ltech-led.com

Technical Specs

UX8 RGBW Touch Panel

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

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

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

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

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

Product Size:

10.5mm

18mm

UX8 Touch Panel

175mm

170mm

44mm

30mm
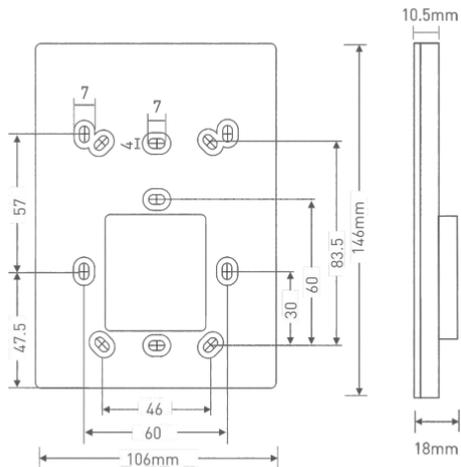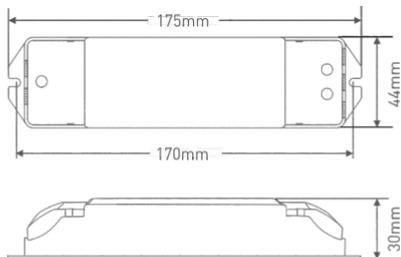
R4-5A/R4-CC Receiver

Terminals

Signal Interface
DMX RJ45

1......8

DMX
OUT

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

Off   On

Turn on/off
the buzzer

DC+   DC-   GND   DMX-   DMX+

5V

Power Input   DMX Signal
Output

USB Input

Power Indicator   The Running Light

Slot   Reset key   Slot
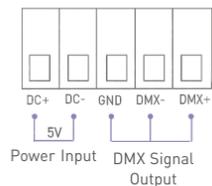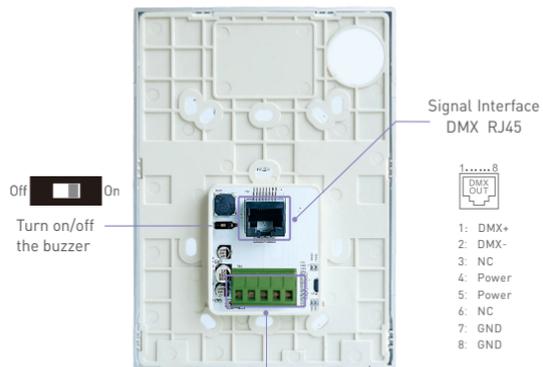
Installation Instruction:

base

Baseplate

Touch Panel

3. screw the baseplate and the back box in the wall firmly.

4 Connect in a right way and put the power adapter into the back box.
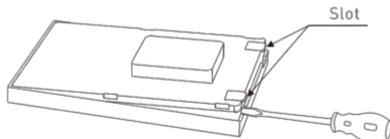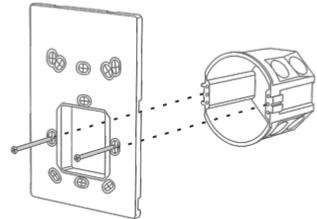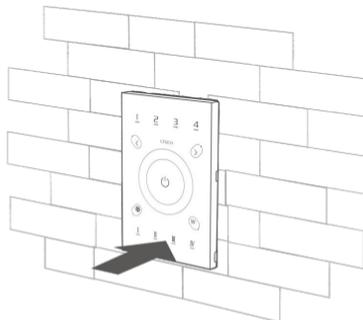
1. Install the back box into the wall. Typical boxes as below:

2 Use a straight screwdriver to pry the position shown:

Slot

DMX Signal Output

Power Input 5Vdc

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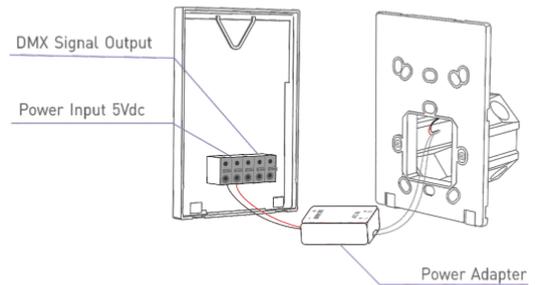
5 Embed the upper touch panel into the baseplate and then tap the bottom to press into the slots.

Key Functions

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

Speed/Brightness+/-

On/Off

Touch Circle

White Key
Press: Turn on/off
Long press: Dimming

Mode Key

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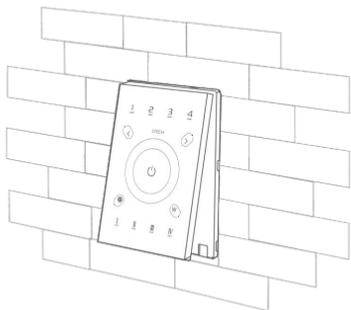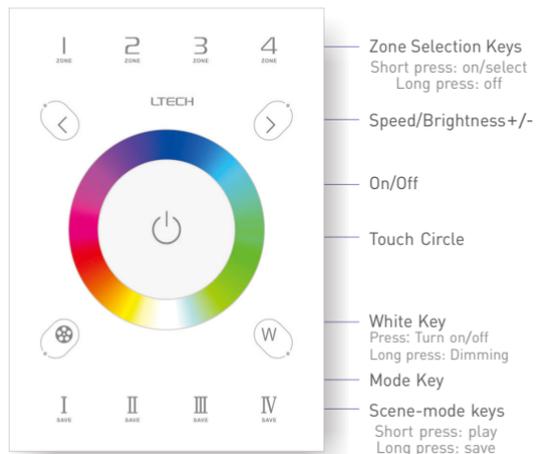
The Changing Mode (Press ✿ to Select):

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	
12. Static Black			

Application Composition

DMX512 Signal Output :

1. Touch panel (UX8)

2. Touch panel (UX8) + Remote (V8)

3. Touch panel (UX8) + WiFi master controller (WiFi-104)

4. Touch panel (UX8) + WiFi master controller (WiFi-104) + Remote (V8)

Wireless Control:

1. Touch panel (UX8) + Wireless receiver (R4-3A/5A, R4-CC)

2. Touch panel (UX8) + Remote (V8) + Wireless receiver (R4-3A/5A, R4-CC)
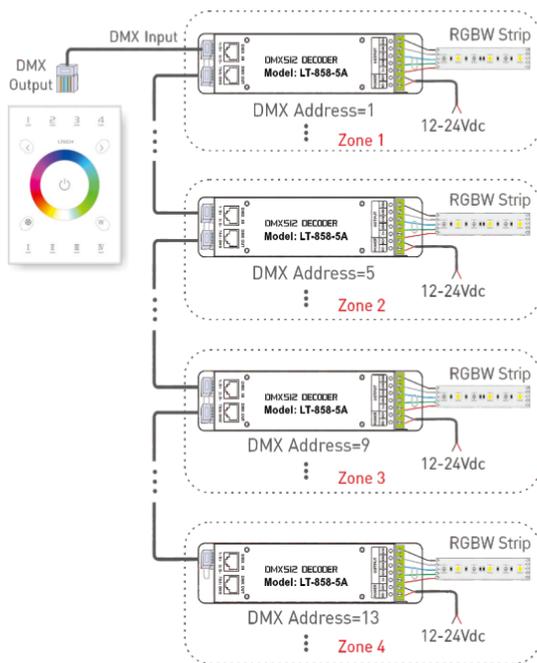
3. Touch panel (UX8) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)

4. Touch panel (UX8) + WiFi master controller (WiFi-104) + Remote (V8) + Wireless receiver (R4-3A/5A, R4-CC)

DMX Output Wiring

DMX Input

DMX Output

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

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

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

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

DMX Output

Power supply   Power supply   Power supply   Power supply

DMX lamp

RF Wireless Wiring

5-24Vdc   12-48Vdc

CV receiver R4-5A   CV

CC receiver R4-CC   CC   ...

RGBW Strip

RGBW LED Panel Light

The Running Light
ID Learning Button

Match / Clear Code between UX8 (V8) & Receivers

Match Code:
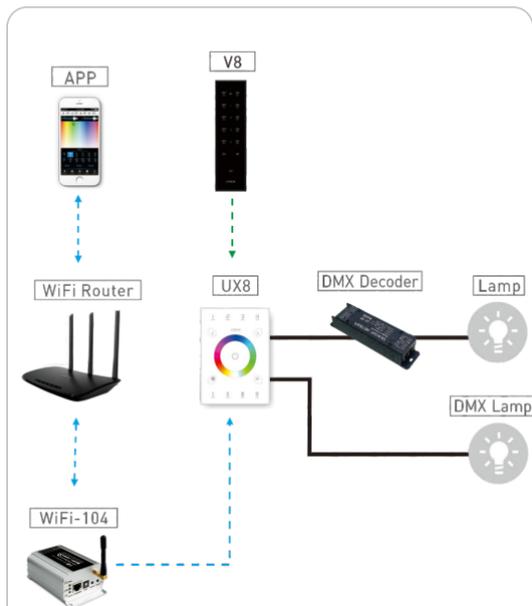
Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any zone key on UX8 or V8, if the LEDs flicker once, match successfully.

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   V8

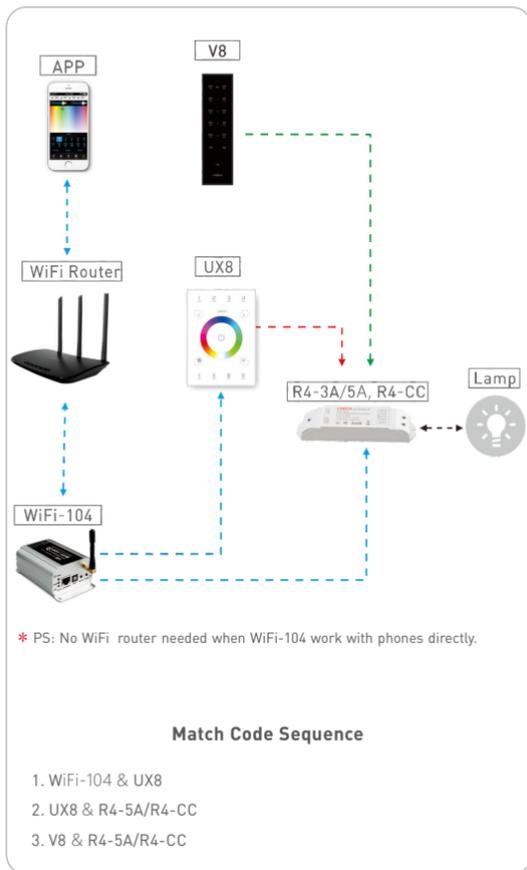WiFi Router   UX8   DMX Decoder   Lamp

DMX Lamp

WiFi-104

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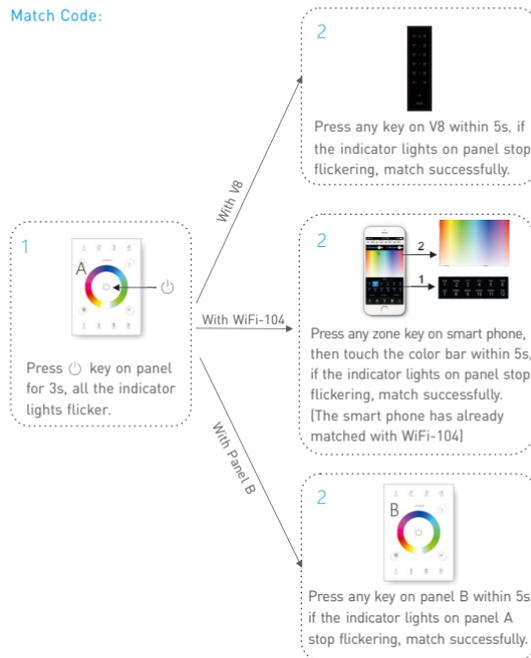
Match Code Sequence

1. Configure WiFi-104 with UX8, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V8 with UX8, which enables V8 to control DMX device.

Wireless System Wiring

APP

V8

WiFi Router

UX8

R4-3A/5A, R4-CC

Lamp

WiFi-104

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

Match Code Sequence

1. WiFi-104 & UX8

2. UX8 & R4-5A/R4-CC

3. V8 & R4-5A/R4-CC

Match / Clear Code for UX8 & WiFi-104, V8, UX8

Match Code:

1

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

With V8

2

Press any key on V8 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 UX8 for more than 6s, if all the indicator lights flicker 3 times, deactivate the matching successfully.

I ← → IV