

LTECH

UX8 TOUCH PANEL (RGBW)



Manual

WWW.LTECHONLINE.COM

Technical Specs

UX8 RGBW Touch Panel

Input Voltage:	5Vdc, 600mA (with an power adapter)
Output Signal:	RF 2.4GHz, DMX512
Control Mode:	RGBW, 4 Zones Control
Working Temp.:	-30°C~55°C
Package Size:	L132×W180×H35(mm)
Weight(N.W.):	230g
Weight(G.W.):	370g

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

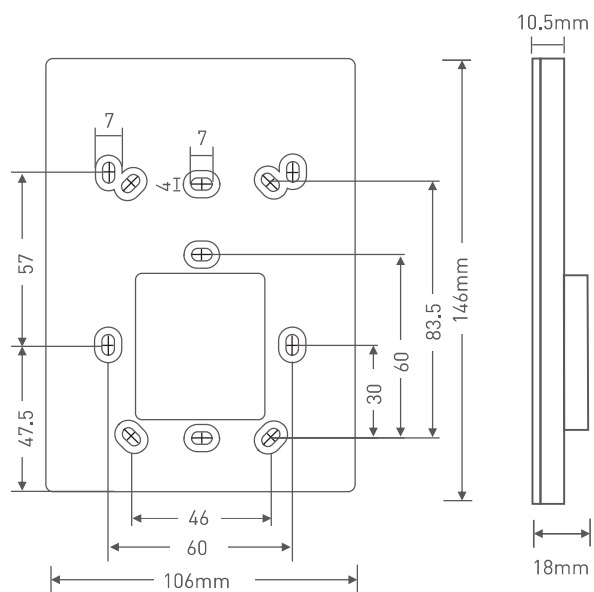
Input Voltage:	5~24Vdc
Max Current Load:	5A × 4CH Max. 20A
Max Output Power:	100W/240W/480W(5V/12V/24V)
Wireless Signal:	RF 2.4GHz
Working Temp.:	-30°C~55°C
Package Size:	L178×W48×H33(mm)
Weight(G.W.):	150g

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

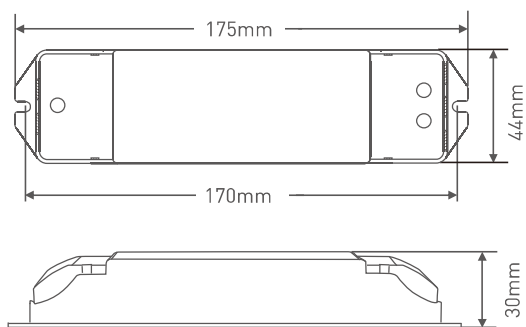
Input Voltage:	12~48Vdc
Output Voltage:	3~46Vdc
Output Current:	CC 350/700/1050mA×4CH
Output Power:	1.05W~48.3W×4CH Max 193.2W
Wireless Signal:	RF 2.4GHz
Working Temp.:	-30°C~55°C
Package Size:	L178×W48×H33(mm)
Weight(G.W.):	165g



Product Size:

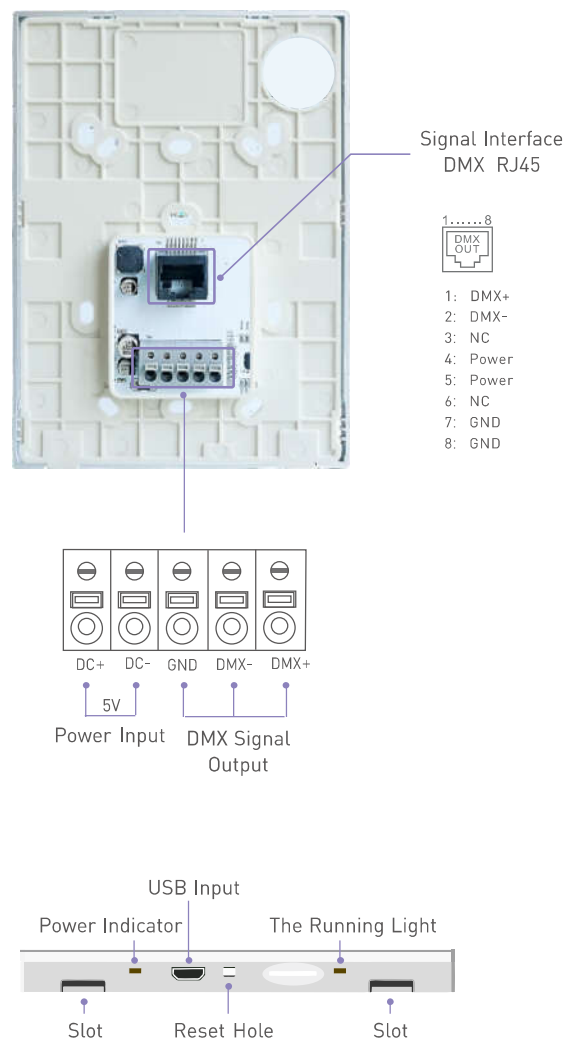


UX8 Touch Panel

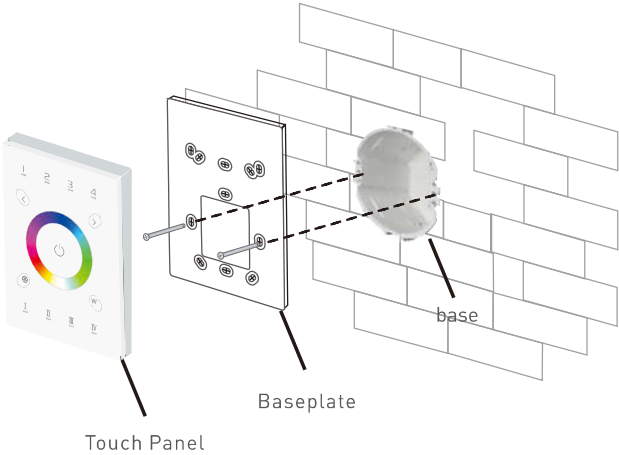


R4-5A/R4-CC Receiver

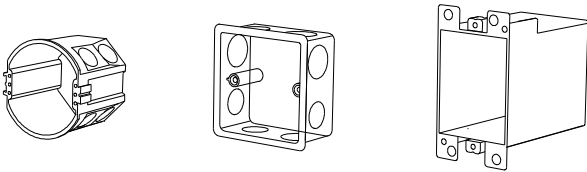
Terminals



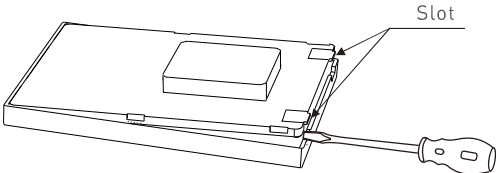
Installation Instruction:



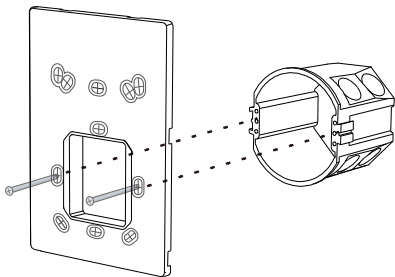
1. Install the back box into the wall. Typical boxes as below:



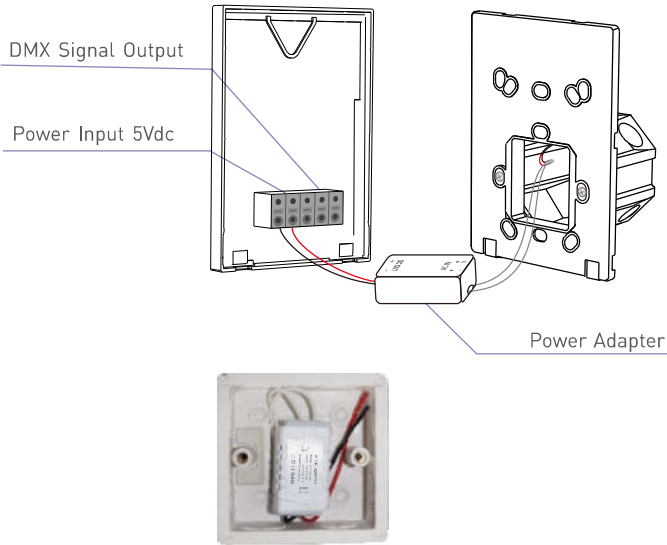
2. Use a straight screwdriver to pry the position shown:



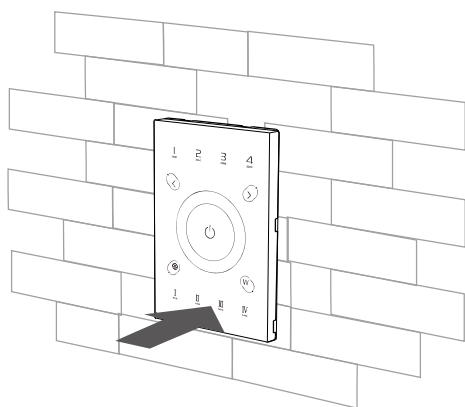
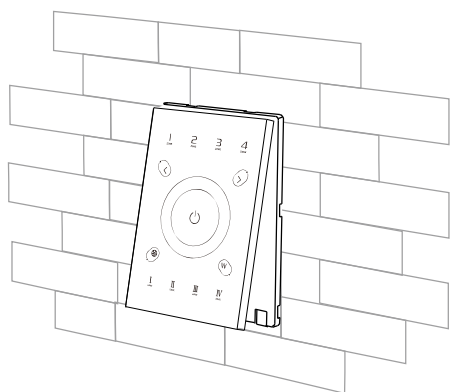
3. screw the baseplate and the back box in the wall firmly.



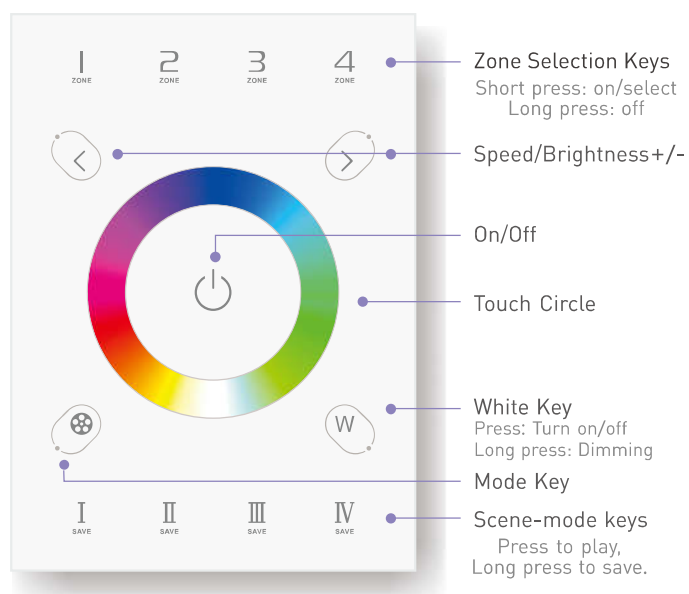
4. Connect in a right way and put the power adapter into the back box.



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



Key Functions









* When UX8 is on, long press to turn on/off the tone.

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

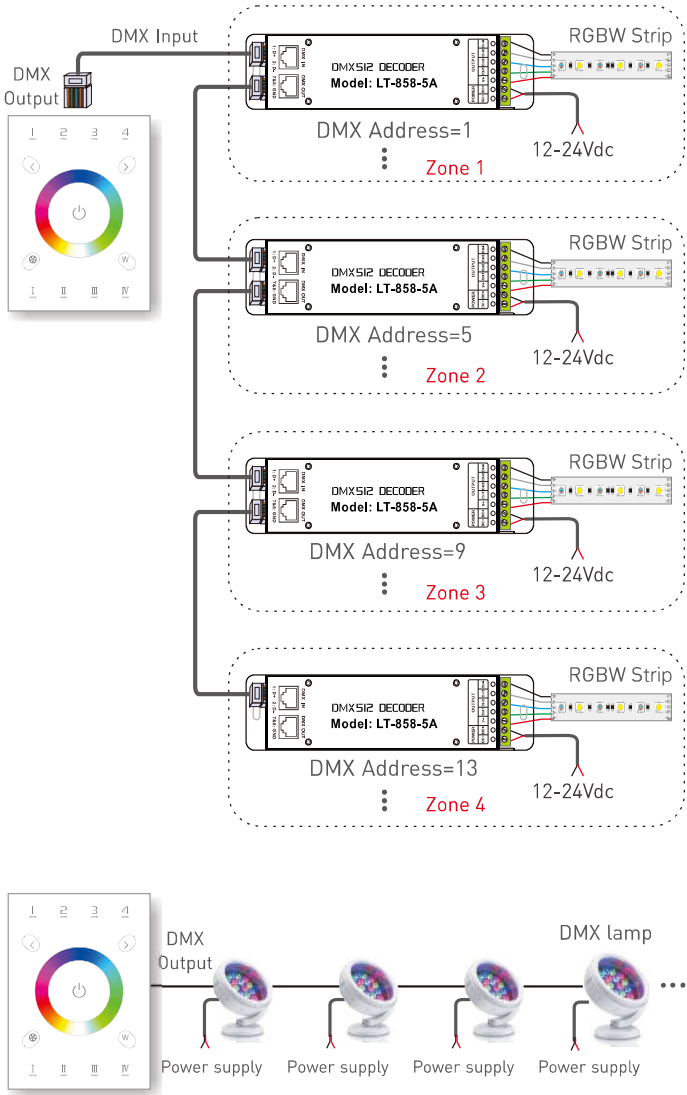
DMX512 Signal Output :

1.  Touch panel (UX8)
2.  +  Remote (V8)
3.  +  WiFi master controller (WiFi-104) +  Remote (V8)

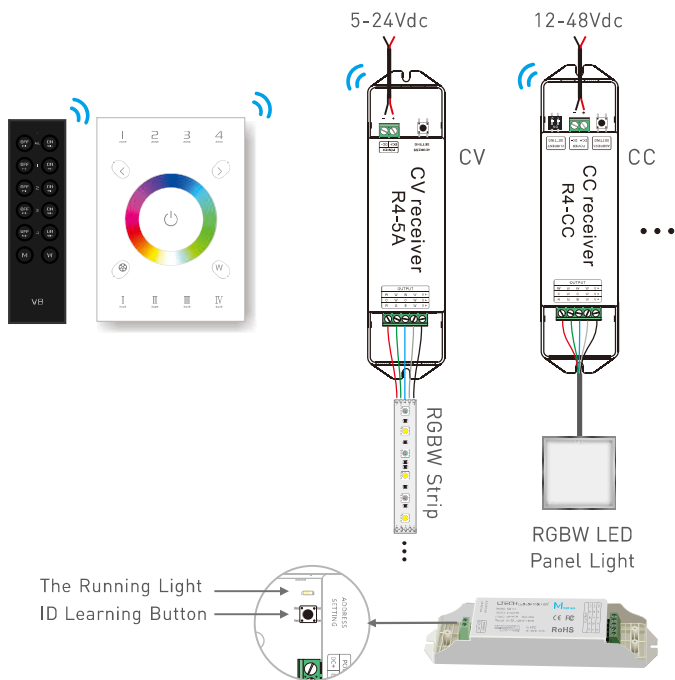
Wireless Control:

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

DMX Output Wiring



RF Wireless Wiring



Match / Clear Code between UX8 (V8) & Receivers

Match Code:

Method 1: Press any zone button on UX8 or V8 within 5 seconds after powering on the receiver (R4-3A/5A, R4-CC). If the buzzer long beeps and LEDs flicker once, match successfully.

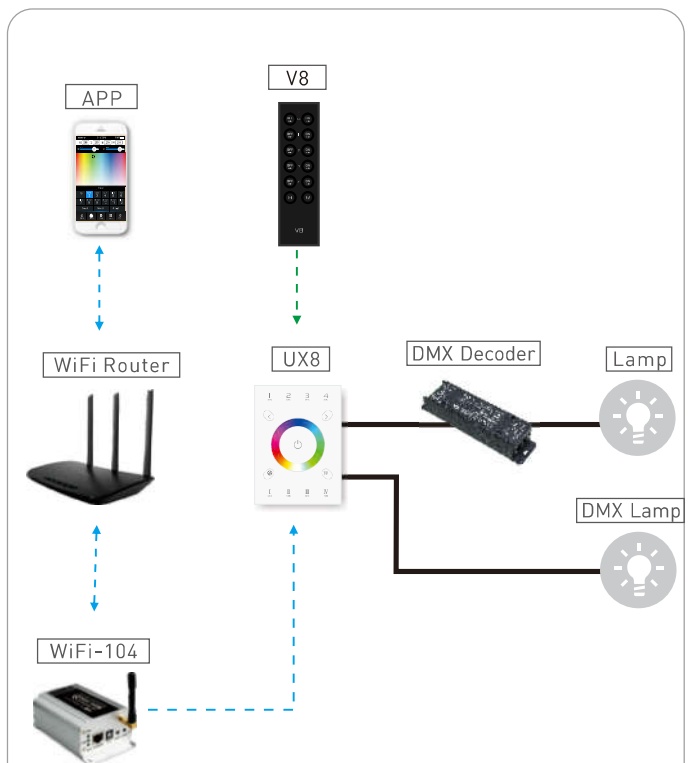
Method 2: Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any zone button on UX8 or V8. If the buzzer long beeps and LEDs flicker once, match successfully.

Clear Code:

Method 1: Power on and off the receiver (R4-3A/5A, R4-CC) continuously for 5 times, If the buzzer long beep and LEDs flicker twice, deactivate the matching successfully.

Method 2: Long press "ID learning button" on receiver (R4-3A/5A, R4-CC) for 5 seconds, If the buzzer long beeps and LEDs flicker twice, deactivate the matching successfully.

DMX System Wiring

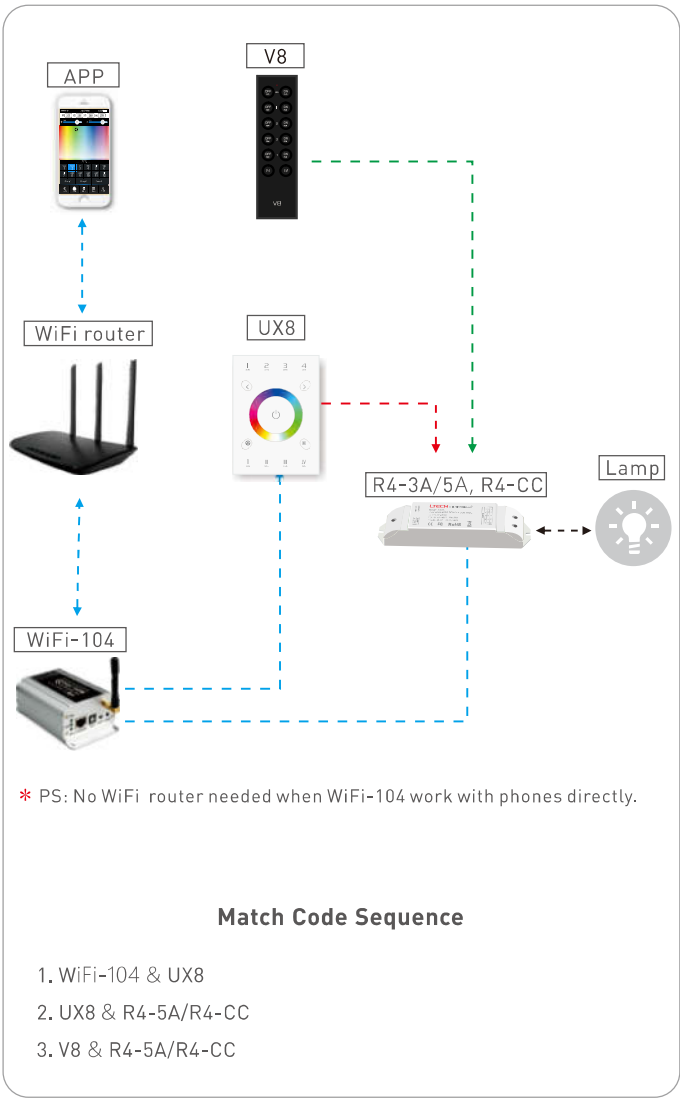


* PS: No WiFi router needed when WiFi-104 work with phones directly.

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



Match / Clear Code for UX8 & WiFi-104 (or V8)

Match Code: Press I IV simultaneously on UX8 when powering on, when the I IV indicator lights keep on (the buzzer long beeps once), press zone button in smart phone which has already been matched with Wifi-104 within 5 seconds (if working with V8, then press the zone button on V8). I IV indicator lights flicker twice (the buzzer long beeps once), match successfully.

Clear Code: Press I IV simultaneously on UX8 when powering on for more than 6s, if I IV indicator lights flicker 3 times (the buzzer long beeps once), deactivate the matching successfully. (UX8 accepts Universal Code control).

Remarks

- 1. Universal Code: UX8 accepts all general controller V8 and WiFi-104 controlling.
- 2. Match Code: UX8 only accepts the matched controller V8 and WiFi-104 controlling.
- 3. UX8 Factory default: Universal Code.