LTECH

UX4 TOUCH PANEL (RGBW)

Manual
www.ltech-led.com

Technical Specs

UX4 RGBW 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:	RGBW		
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:	(0~15W...72W)×4CH Max. 288W		

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:	(0~25W...120W)×4CH Max. 480W		

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

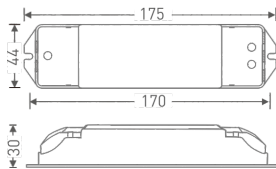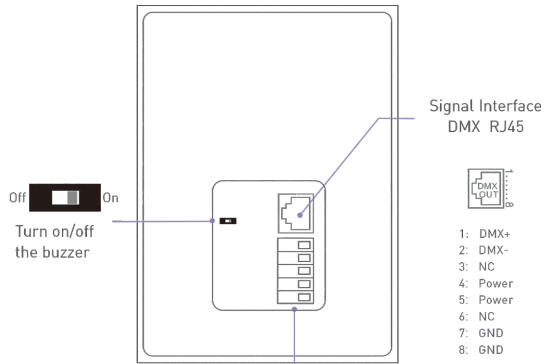|			
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30℃~55℃
Input Voltage:	12~48Vdc	Package Size:	L178×W48×H33(mm)
Output Voltage:	3~46Vdc	Weight(G.W.):	165g
Output Current:	CC 350/700/1050mA×4CH		
Output Power:	(1.05W~48.3W)×4CH Max. 193.2W		

FC CE RoHS warranty 5 years ISO9001:2008

Product Size

Unit: mm
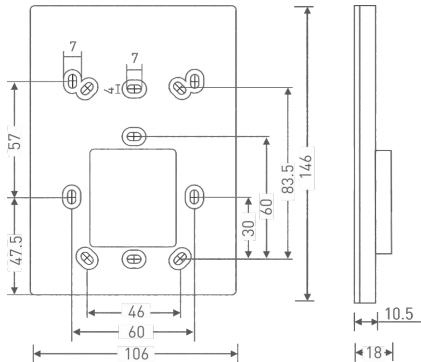
Touch Panel
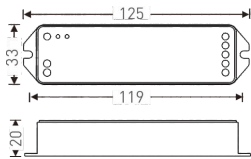
R4-3A

R4-5A/R4-CC
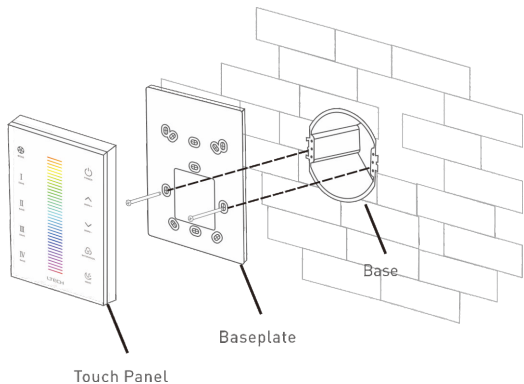
Terminals

Off ▮ On

Turn on/off
the buzzer

Signal Interface
DMX RJ45

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

DMX+
DMX-   DMX Signal
GND   Output

DC-
5V   Power Input
DC+

USB Input

Power Indicator   The Running Light

Slot   Reset key   Slot
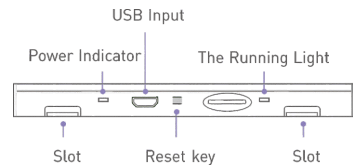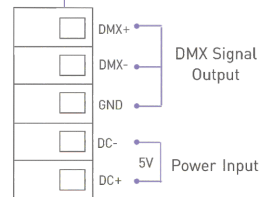
Installation Instruction

Touch Panel

Baseplate
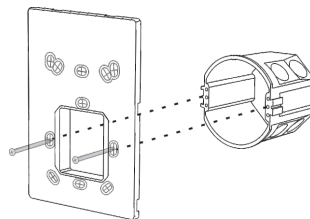
Base

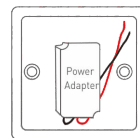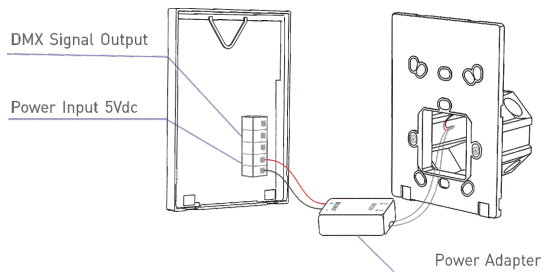1. Install the base into the wall. Typical bases as below:
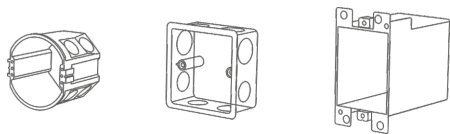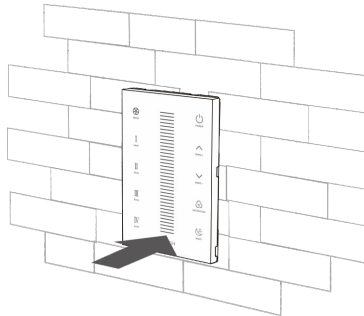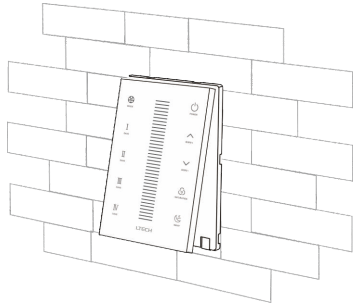

2. Use a straight screwdriver to pry the position shown:
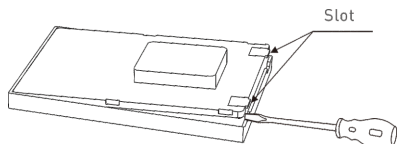
Slot

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

Power Adapter

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

Touch Slider

Mode

MODE

On/Off

POWER

Speed+
Brightness+

B/SPD+

Speed-
Brightness-

B/SPD-

Scene-mode
Press: play
Long press: save

I
SAVE

II
SAVE

III
SAVE

IV
SAVE

White Key
Press: on/off
Long press:
Dimming

SATURATION

Night Light

NIGHT

LTECH
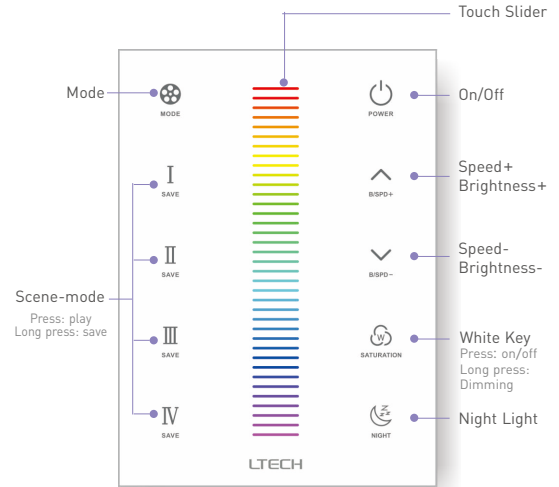
The Changing Mode (Press ⊛ to Select):

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 (UX4)

2. Touch panel (UX4) + Remote (V4)

3. Touch panel (UX4) + WiFi master controller (WiFi-104)

4. Touch panel (UX4) + WiFi master controller (WiFi-104) + Remote (V4)

Wireless Control:

1. Touch panel (UX4) + Wireless receiver (R4-3A/5A, R4-CC)

2. Touch panel (UX4) + Remote (V4) + Wireless receiver (R4-3A/5A, R4-CC)

3. Touch panel (UX4) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)

4. Touch panel (UX4) + WiFi master controller (WiFi-104) + Remote (V4) + 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 12-24Vdc

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

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

DMX Output DMX lamp Power supply Power supply Power supply Power supply

RF Wireless Wiring

CV Power Supply 5-24Vdc
CV Power Supply 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 UX4 (V4) & Receivers

Match Code:

Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any key on UX4 or V4, 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
V4
WiFi Router
UX4
DMX Decoder
Lamp
DMX Lamp
WiFi-104
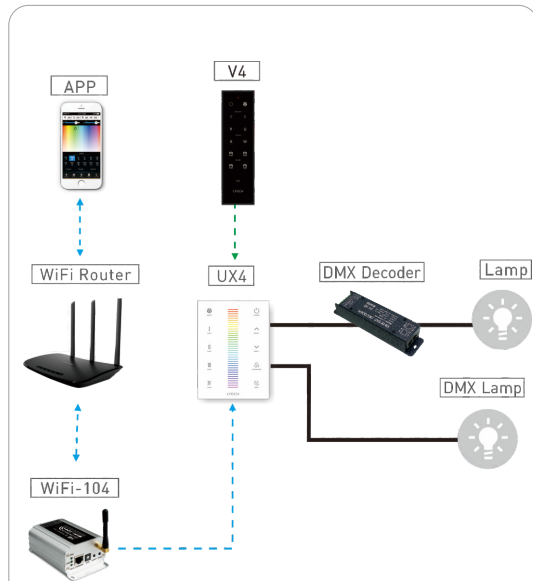
* PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

1. Configure WiFi-104 with UX4, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V4 with UX4, which enables V4 to control DMX device.

Wireless System Wiring

APP

V4

WiFi Router

UX4

WiFi-104

R4-3A/5A,R4-CC

Lamp

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

Match Code Sequence

1. WiFi-104 & UX4

2. UX4 & R4-3A/5A, R4-CC

3. V4 & R4-3A/5A, R4-CC

Match / Clear Code for UX4 & WiFi-104, V4, UX4

Match Code:

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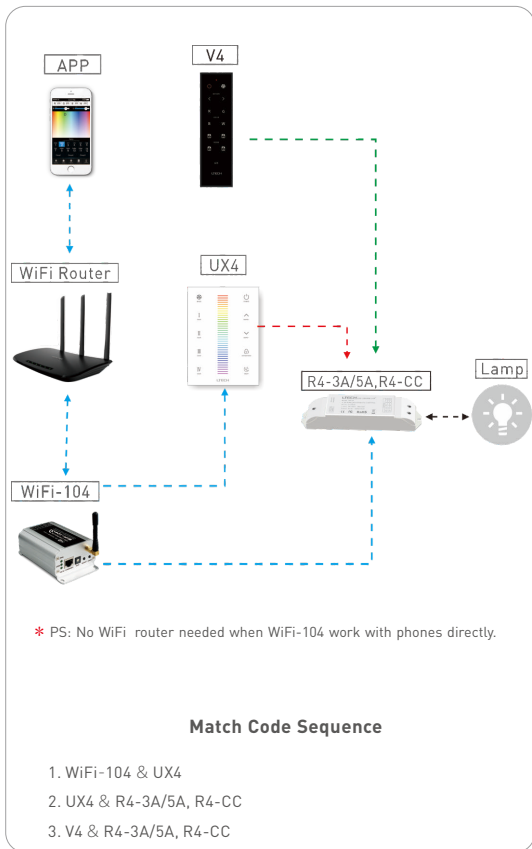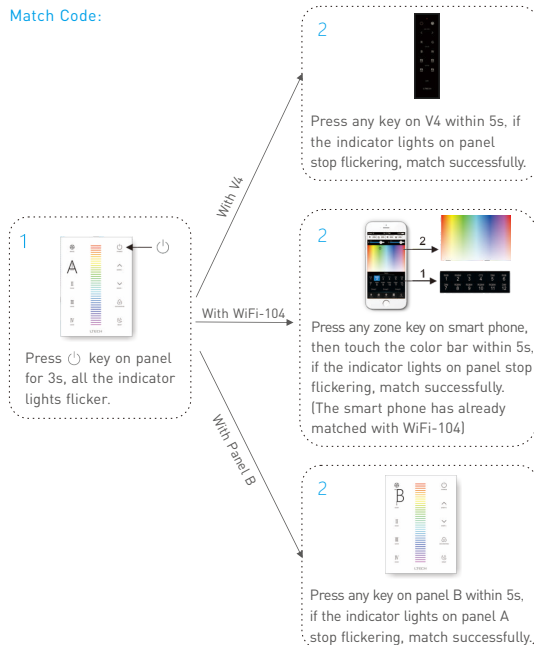Press ⏻ key on panel for 3s, all the indicator lights flicker.

With V4

2
Press any key on V4 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 IV ☾ keys simultaneously on UX4 for more than 6s, if all the indicator lights flicker 3 times, deactivate the matching successfully.

IV ☾

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