LTECH

UX1 Touch Panel (Dimming)

Manual

www.ltech-led.com

Technical Specs

UX1 Dimming Touch Panel

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

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)		

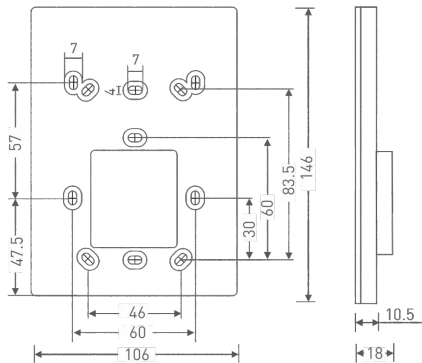### R4-5A Constant Voltage Receiver (receiver is sold separately)

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)		

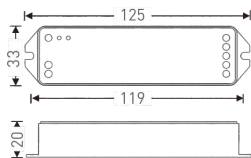### R4-CC Constant Current Receiver (receiver is sold separately)

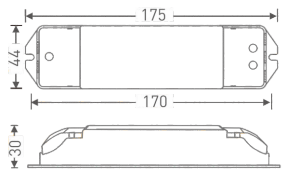|			
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30℃~55℃
Input Voltage:	12~48Vdc	Package Size:	L178×W48×H33(mm)
Output Voltage:	3~46Vdc	Weight(G.W.):	165g
Output Current:	CC 350/700/1050mA×4CH		
Output Power:	1.05W~48.3W×4CH Max 193.2W		

Product Size:
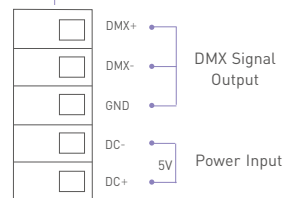
The Unit: mm

Touch Panel

R4-3A

R4-5A/R4-CC

Terminals

Signal Interface
DMX RJ45

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

DMX+
DMX-
GND

DMX Signal
Output

DC-
DC+

5V Power Input

Power Indicator
USB Input
The Running Light

Slot
Reset Hole
Slot
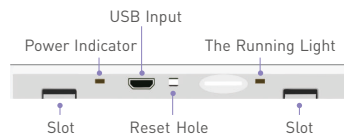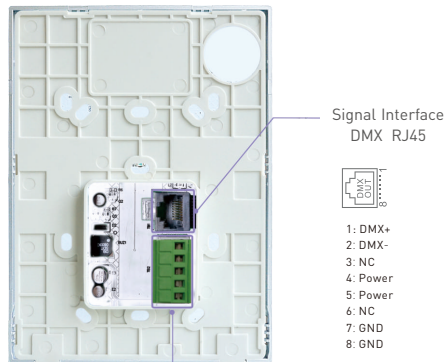
Installation Instruction:

base

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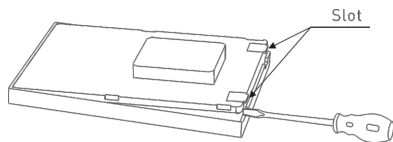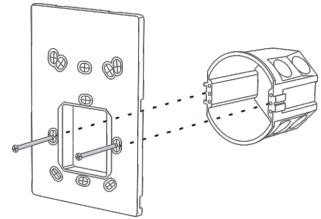
Touch Panel
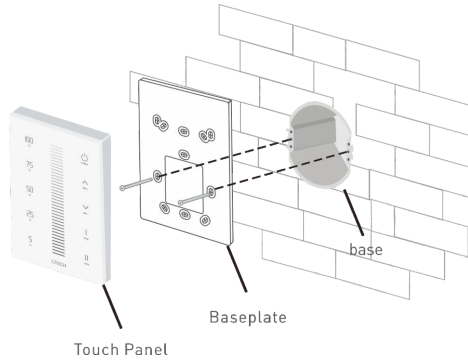
1. Install the base into the wall. Typical bases as below:
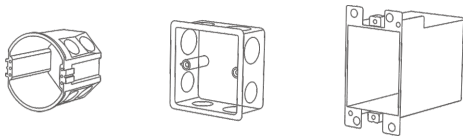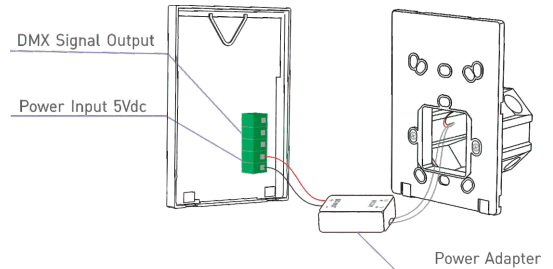

2 Use a straight screwdriver to pry the position shown:

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

Key Functions

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

Touch slider

On/Off

POWER

Brightness+

BRT+

Brightness-

BRT-

Brightness shortcut keys

100 %

75 %

50 %

25 %

5 %

Scene-mode keys
Press: play
Long press: save

SAVE

SAVE

LTECH
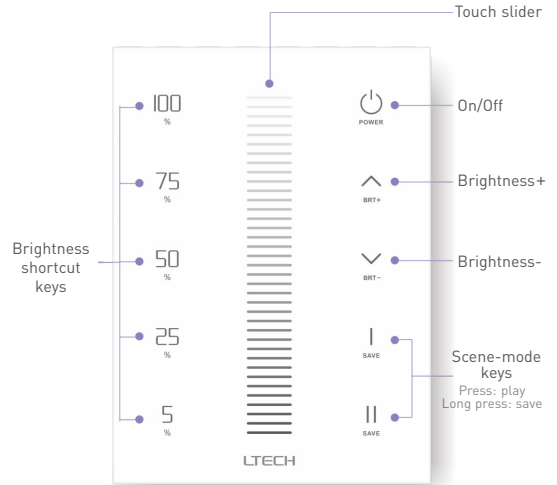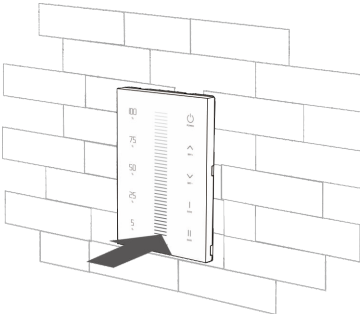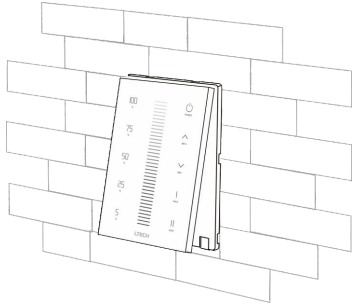
* When UX1 is off, long press ⏻ to turn on/off the tone.
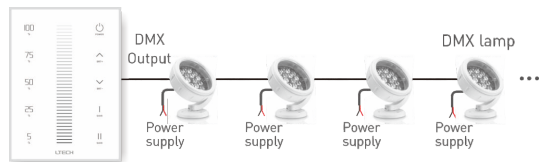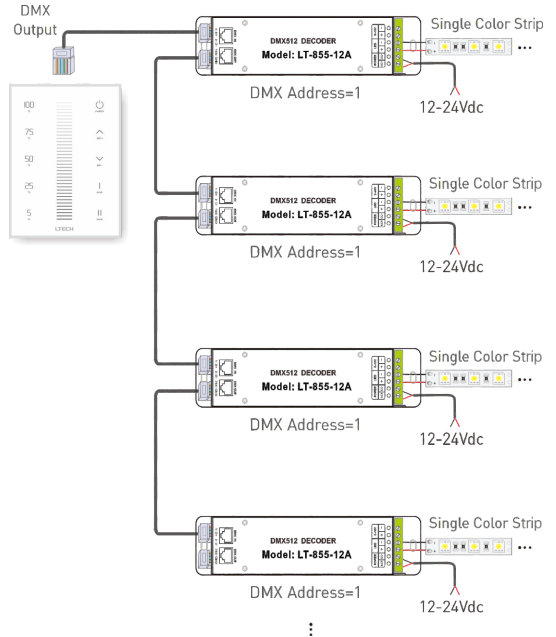
Application Composition

DMX512 Signal Output :

1. Touch panel (UX1)

2. Touch panel (UX1) + Remote (V1)

3. Touch panel (UX1) + WiFi master controller (WiFi-104)

4. Touch panel (UX1) + WiFi master controller (WiFi-104) + Remote (V1)

Wireless Control:

1. Touch panel (UX1) + Wireless receiver (R4-3A/5A, R4-CC)

2. Touch panel (UX1) + Remote (V1) + Wireless receiver (R4-3A/5A, R4-CC)

3. Touch panel (UX1) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)

4. Touch panel (UX1) + WiFi master controller (WiFi-104) + Remote (V1) + Wireless receiver (R4-3A/5A, R4-CC)

DMX Output Wiring

DMX Output

DMX512 DECODER Model: LT-855-12A — Single Color Strip
DMX Address=1
12-24Vdc

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DMX512 DECODER Model: LT-855-12A — Single Color 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

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Single Color Strip

LED Panel Light

The Running Light
ID Learning Button

Match / Clear Code between UX1 (V1) & Receivers

Match Code:

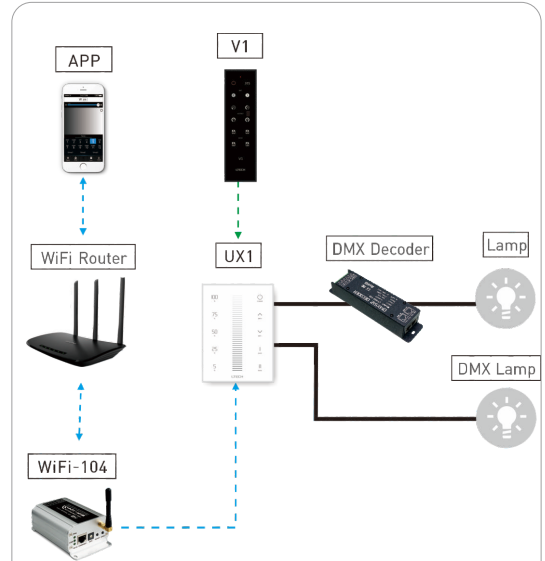Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any key on UX1 or V1. If the lamps flicker once, match successfully.

Clear Code:

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

DMX System Wiring

APP

V1

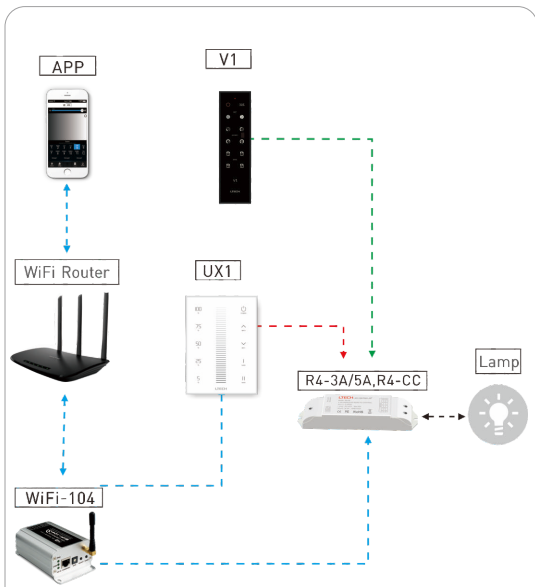WiFi Router

UX1

DMX Decoder

Lamp

DMX Lamp

WiFi-104

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

Match Code Sequence

1. Match WiFi-104 with UX1, which enables the smart phone to control DMX device via WiFi-104.

2. Match V1 with UX1, which enables V1 to control DMX device.
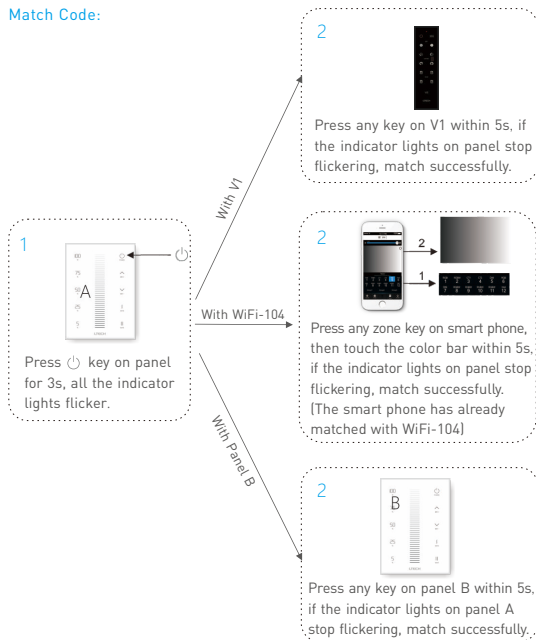
Wireless System Wiring

APP

V1

WiFi Router

UX1

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 & UX1

2. UX1 & R4-5A/R4-CC

3. V1 & R4-5A/R4-CC

Match / Clear Code for UX1 & WiFi-104, V1, UX1

Match Code:

1

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

With V1

2

Press any key on V1 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

B

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

Clear Code:

Press 5 ⏸ keys simultaneously on UX1 for more than 6s, if all the indicator lights flicker 3 times, deactivate the matching successfully.