

# LTECH

## UX6 Touch Panel (CT)



Manual

[www.ltech-led.com](http://www.ltech-led.com)

## Technical Specs

### UX6 Color Temperature Touch Panel

Input Voltage: 5Vdc, 0.5A~1A (with an adapter)	Working Temp.: -30°C~55°C
Output Signal: RF 2.4GHz, DMX512	Package Size: L132xW192xH50(mm)
Control Mode: CT, 4 Zones	Weight(N.W.): 230g
	Weight(G.W.): 370g

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

Wireless Signal: RF 2.4GHz	Working Temp.: -30°C~55°C
Input Voltage: 5~24Vdc	Package Size: L127xW35xH24(mm)
Current Load: 3A x 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)

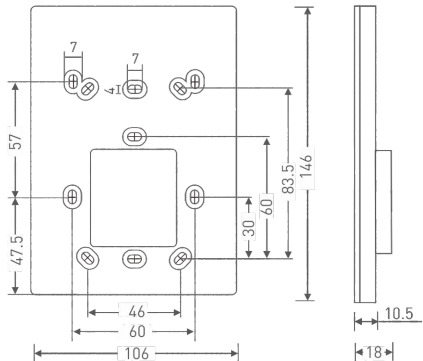
Wireless Signal: RF 2.4GHz	Working Temp.: -30°C~55°C
Input Voltage: 5~24Vdc	Package Size: L178xW48xH33(mm)
Current Load: 5A x 4CH Max. 20A	Weight(G.W.): 150g
Output Power: Max. 100W/240W/480W(5V/12V/24V)	

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

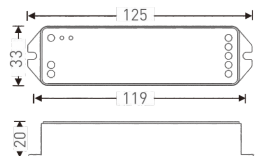
Wireless Signal: RF 2.4GHz	Working Temp.: -30°C~55°C
Input Voltage: 12~48Vdc	Package Size: L178xW48xH33(mm)
Output Voltage: 3~46Vdc	Weight(G.W.): 165g
Output Current: CC 350/700/1050mAx4CH	
Output Power: 1.05W~48.3Wx4CH Max. 193.2W	

## Product Size:

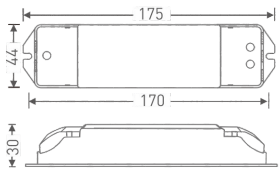
The Unit: mm



Touch Panel



R4-3A



R4-5A/R4-CC

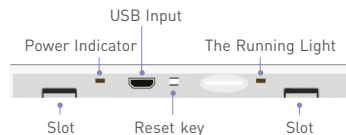
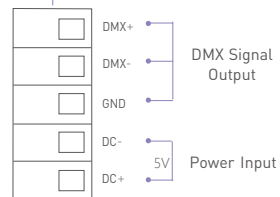
## Terminals



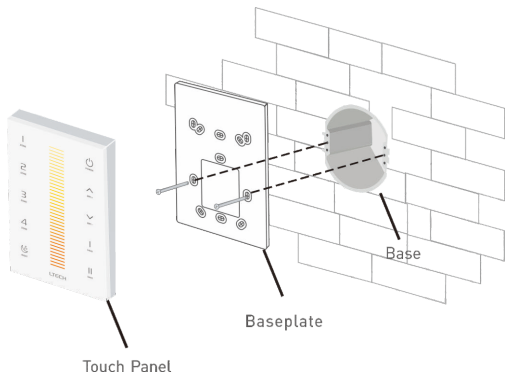
Signal Interface  
DMX RJ45



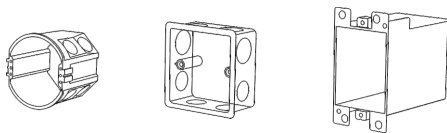
- 1: DMX+
- 2: DMX-
- 3: NC
- 4: Power
- 5: Power
- 6: NC
- 7: GND
- 8: GND



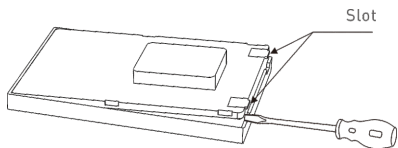
## Installation Instruction:



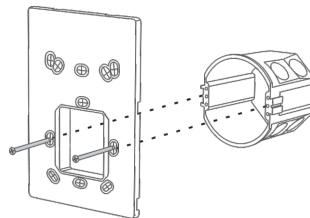
1. Install the base into the wall. Typical bases as below:



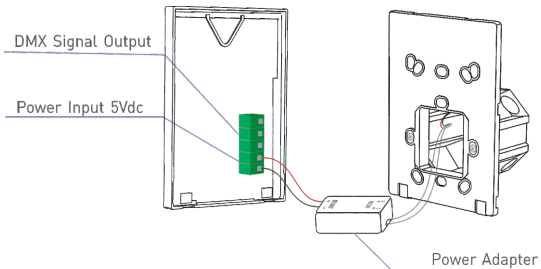
2. Use a straight screwdriver to pry the position shown:



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

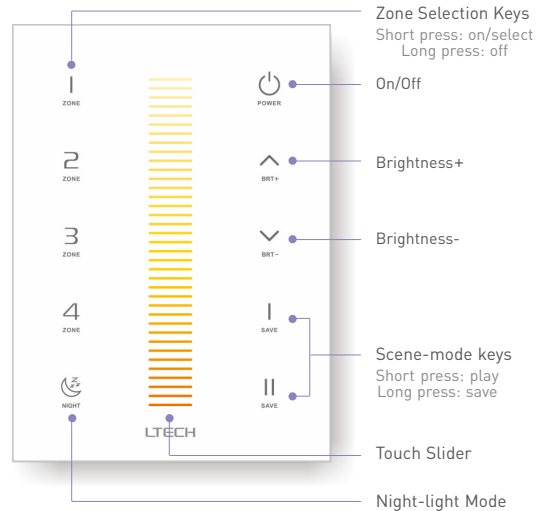
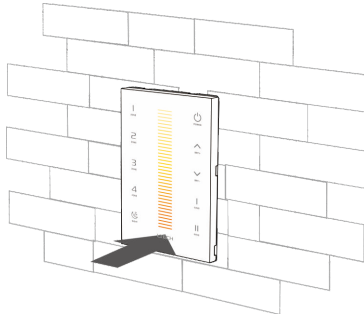
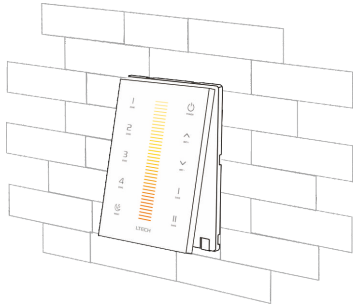


4. Connect in a right way and put the power adapter into the base.



## Key Functions

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



\* When UX6 is off, long press  to turn on/off the tone.

# Application Composition

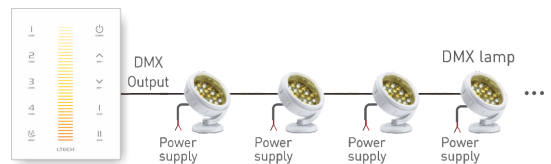
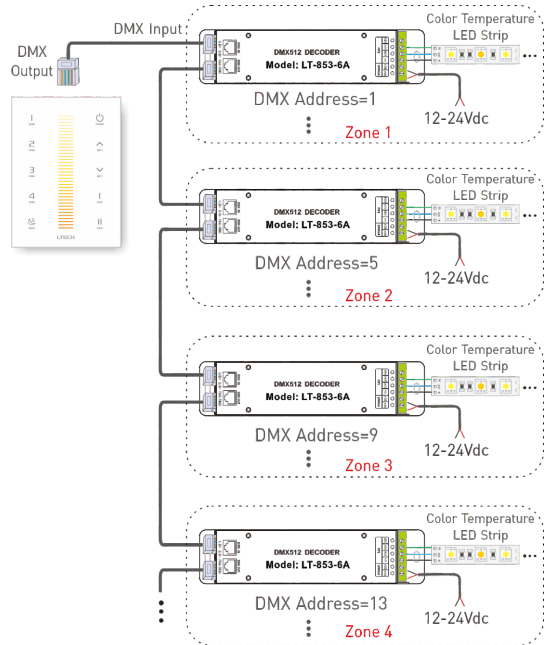
## DMX512 Signal Output :

1. Touch panel (UX6)
2. Touch panel (UX6) + Remote (V6)
3. Touch panel (UX6) + WiFi master controller (WiFi-104)
4. Touch panel (UX6) + WiFi master controller (WiFi-104) + Remote (V6)

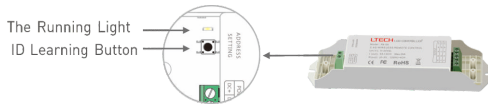
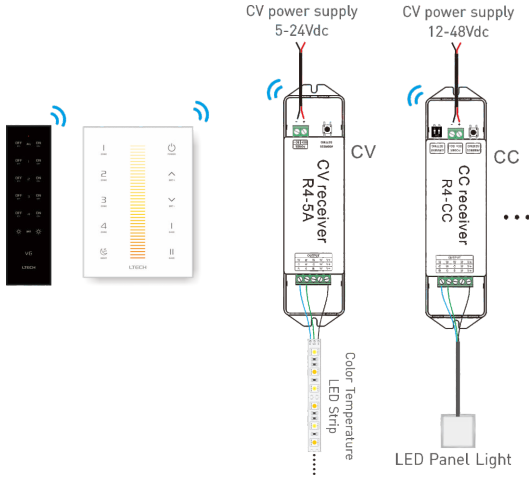
## Wireless Control:

1. Touch panel (UX6) + Wireless receiver (R4-3A/5A, R4-CC)
2. Touch panel (UX6) + Remote (V6) + Wireless receiver (R4-3A/5A, R4-CC)
3. Touch panel (UX6) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)
4. Touch panel (UX6) + WiFi master controller (WiFi-104) + Remote (V6) + Wireless receiver (R4-3A/5A, R4-CC)

# DMX Output Wiring



## RF Wireless Wiring



### Match / Clear Code between UX6 (V6) & Receivers

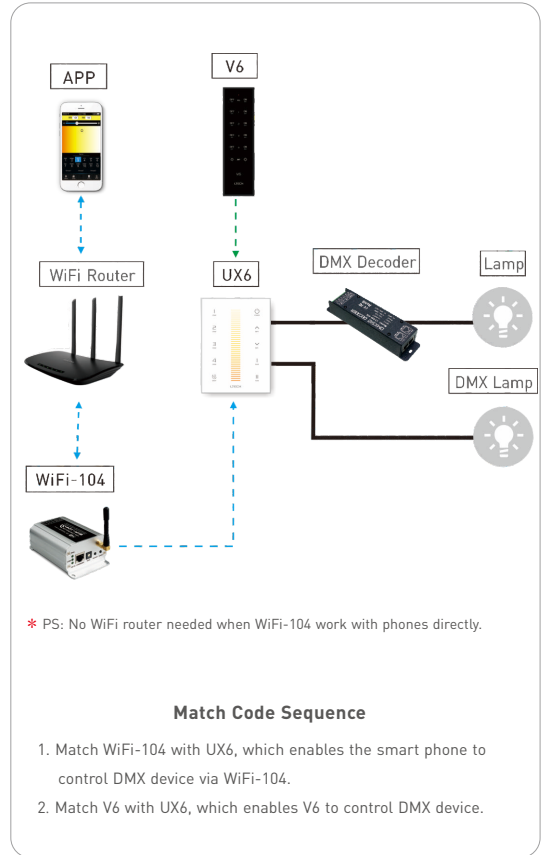
#### Match Code:

Short press "ID learning button" on receiver [R4-3A/5A, R4-CC], then press any zone key on UX6 or V6. 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

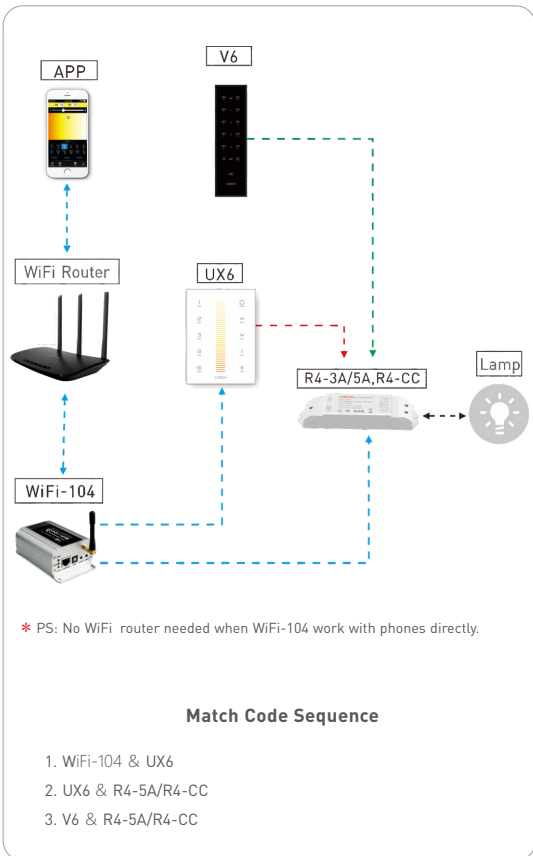


\* PS: No WiFi router needed when WiFi-104 work with phones directly.

### Match Code Sequence

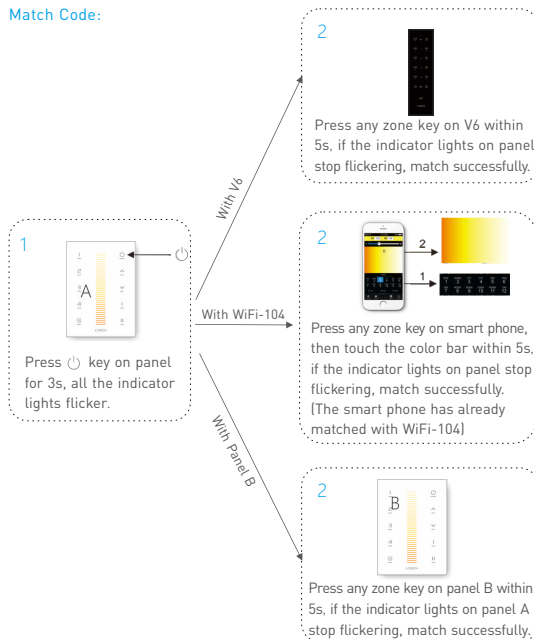
1. Match WiFi-104 with UX6, which enables the smart phone to control DMX device via WiFi-104.
2. Match V6 with UX6, which enables V6 to control DMX device.

## Wireless System Wiring



## Match / Clear Code for UX6 & WiFi-104, V6, UX6

### Match Code:



### Clear Code:

