

# LTECH

## UX7 TOUCH PANEL (RGB)



Manual

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

## Technical Specs

### UX7 RGB 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:	RGB, 4 Zones Control	
Working Temp.:	-30°C~55°C	
Package Size:	L132×W192×H50(mm)	

### 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: 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)

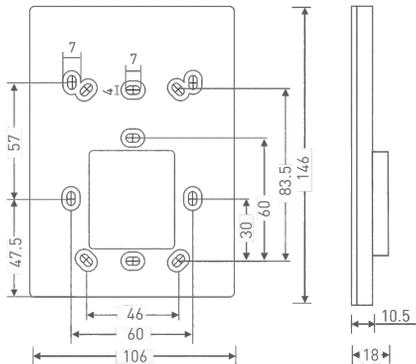
Wireless Signal:	RF 2.4GHz	Working Temp.:-30°C~55°C
Input Voltage:	5-24Vdc	Package Size: L178×W48×H33(mm)
Current Load:	5A×4CH Max. 20A	Weight(G.W.): 150g
Output Power:	Max. 100W/240W/480W(5V/12V/24V)	

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

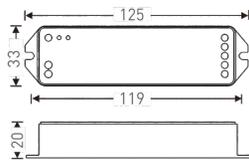
Wireless Signal:	RF 2.4GHz	Working Temp.:-30°C~55°C
Input Voltage:	12-48Vdc	Package Size: L178×W48×H33(mm)
Output Voltage:	3-46Vdc	Weight(G.W.): 165g
Output Current:	CC 350/700/1050mA×4CH	
Output Power:	1.05W-48.3W×4CH Max. 193.2W	

## Product Size:

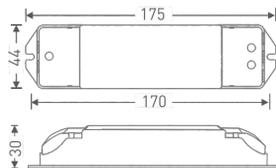
The unit: mm



Touch Panel

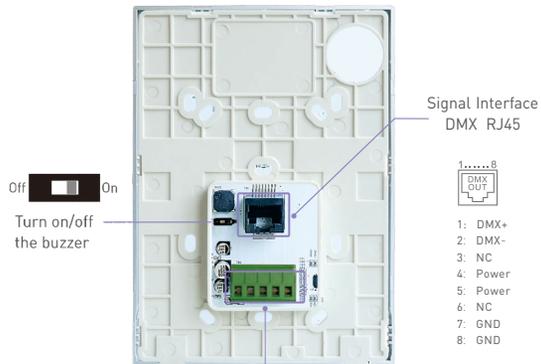


R4-3A



R4-5A/R4-CC

## Terminals



Signal Interface  
DMX RJ45

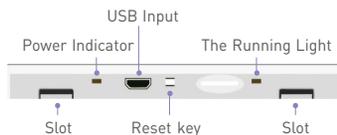


- 1: DMX+
- 2: DMX-
- 3: NC
- 4: Power
- 5: Power
- 6: NC
- 7: GND
- 8: GND

Off On  
Turn on/off  
the buzzer



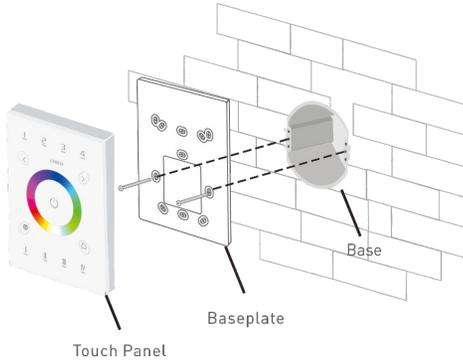
DC+ DC- GND DMX- DMX+  
5V  
Power Input DMX Signal Output



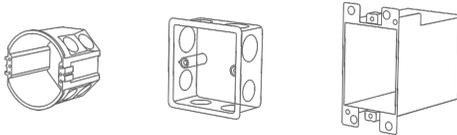
USB Input  
Power Indicator The Running Light

Slot Reset key Slot

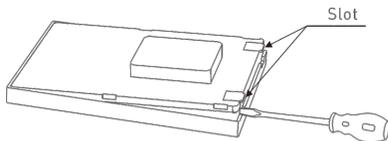
## Installation Instruction:



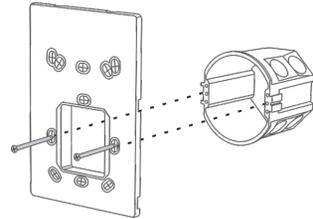
1. Install the base into the wall. Typical bases as below:



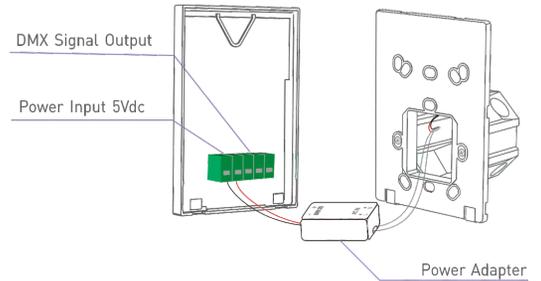
2. Use a straight screwdriver to pry the position shown:



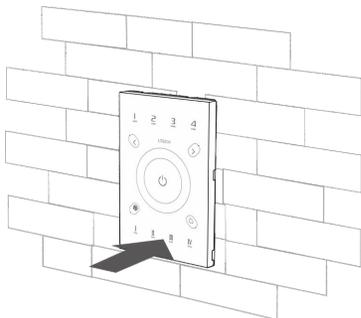
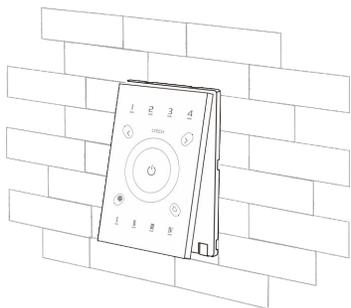
3. Screw the baseplate and the base in the wall firmly.



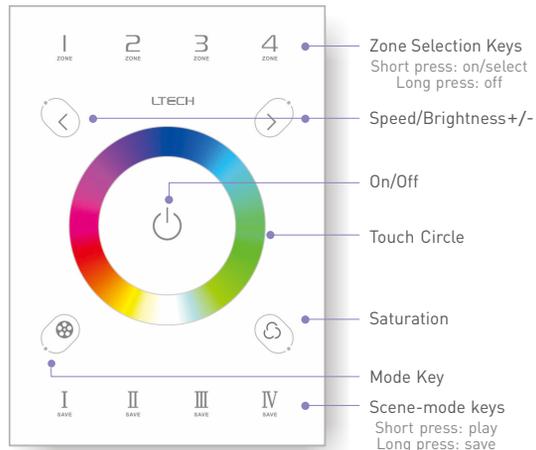
4. Connect in a right way and put the power adapter into the base.



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



## Key Functions



**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

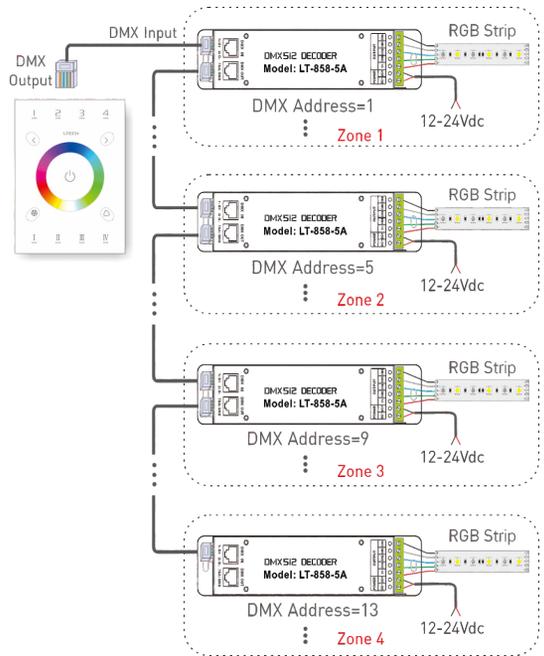
## DMX512 Signal Output :

1. Touch panel (UX7)
2. Touch panel (UX7) + Remote (V7)
3. Touch panel (UX7) + WiFi master controller (WiFi-104)
4. Touch panel (UX7) + WiFi master controller (WiFi-104) + Remote (V7)

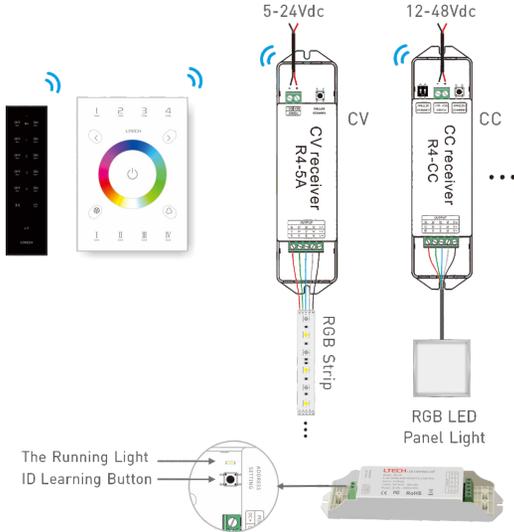
## Wireless Control:

1. Touch panel (UX7) + Wireless receiver (R4-3A/5A, R4-CC)
2. Touch panel (UX7) + Remote (V7) + Wireless receiver (R4-3A/5A, R4-CC)
3. Touch panel (UX7) + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)
4. Touch panel (UX7) + WiFi master controller (WiFi-104) + Remote (V7) + Wireless receiver (R4-3A/5A, R4-CC)

# DMX Output Wiring



## RF Wireless Wiring



### Match / Clear Code between UX7 (V7) & Receivers

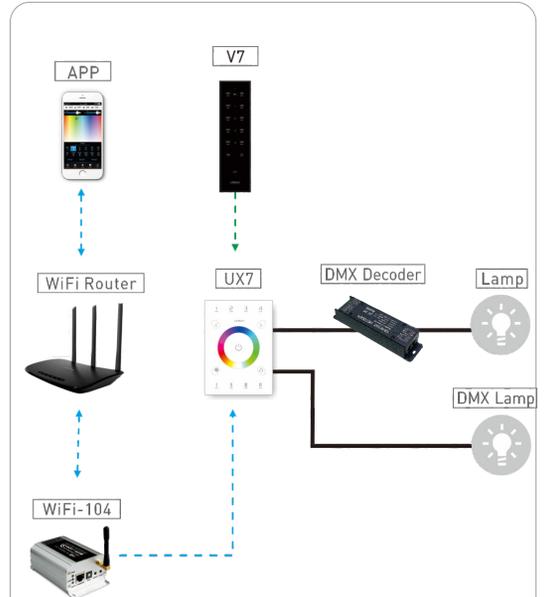
#### Match Code:

Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any zone key on UX7 or V7, 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

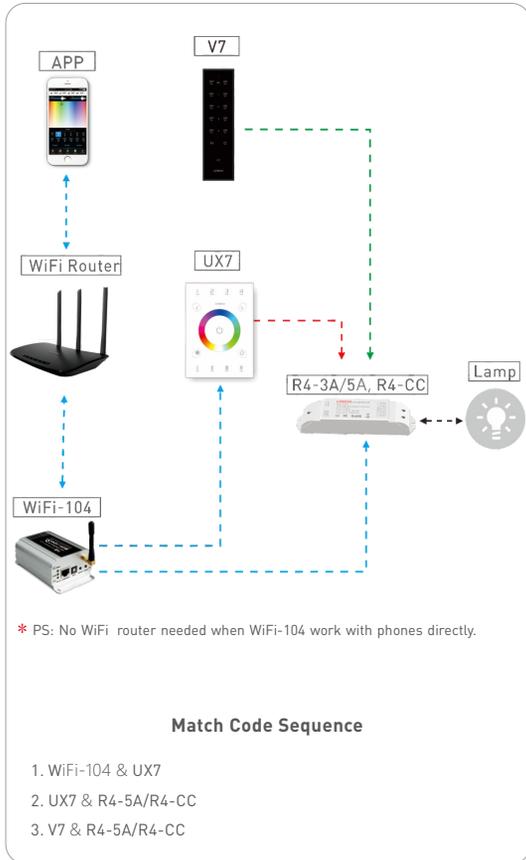


\* PS: No WiFi router needed when WiFi-104 work with phones directly.

### Match Code Sequence

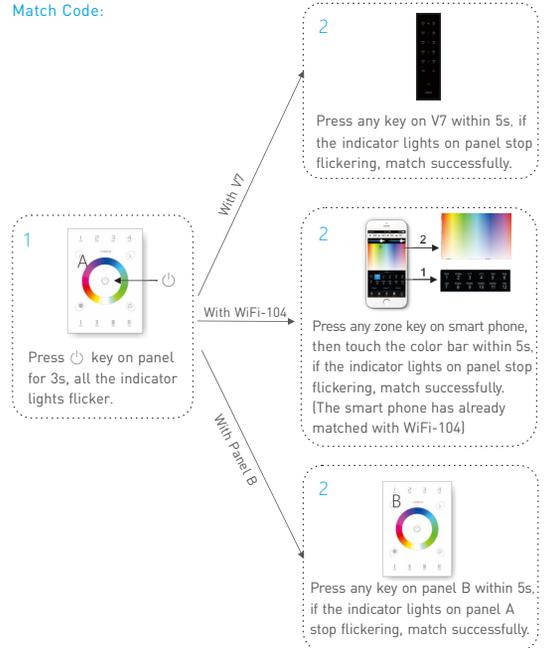
1. Configure WiFi-104 with UX7, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V7 with UX7, which enables V7 to control DMX device.

# Wireless System Wiring



# Match / Clear Code for UX7 & WiFi-104, V7, UX7

## Match Code:



## Clear Code:

