

# LTECH

## UX4 TOUCH PANEL (RGBW)



Manual

[www.ltech-led.com](http://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°C~55°C		
Package Size:	L132xW192xH50(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:	L127xW35xH24(mm)
Current Load:	3Ax4CH Max. 12A	Weight(G.W.):	60g
Output Power:	[0-15W...72W]x4CH Max. 288W		

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

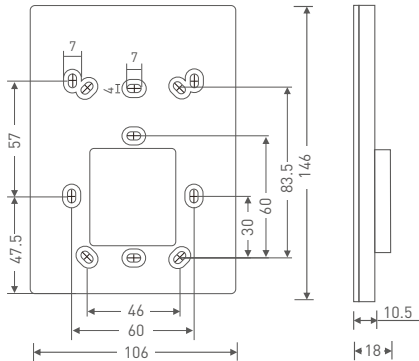
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30°C~55°C
Input Voltage:	5-24Vdc	Package Size:	L178xW48xH33(mm)
Current Load:	5Ax4CH Max. 20A	Weight(G.W.):	150g
Output Power:	[0-25W...120W]x4CH Max. 480W		

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

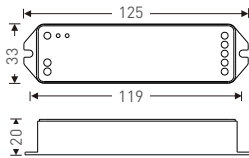
Wireless Signal:	RF 2.4GHz	Working Temp.:	-30°C~55°C
Input Voltage:	12-48Vdc	Package Size:	L178xW48xH33(mm)
Output Voltage:	3-46Vdc	Weight(G.W.):	165g
Output Current:	CC 350/700/1050mAx4CH		
Output Power:	[1.05W-48.3W]x4CH Max. 193.2W		

## Product Size

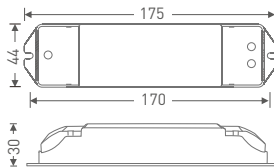
Unit: mm



Touch Panel

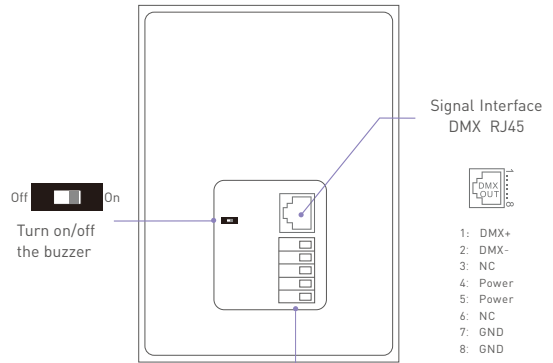


R4-3A

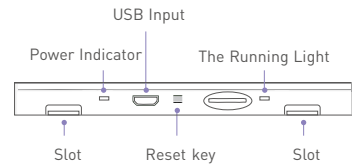
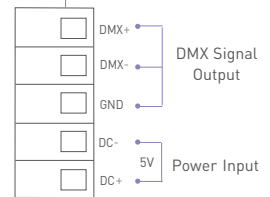


R4-5A/R4-CC

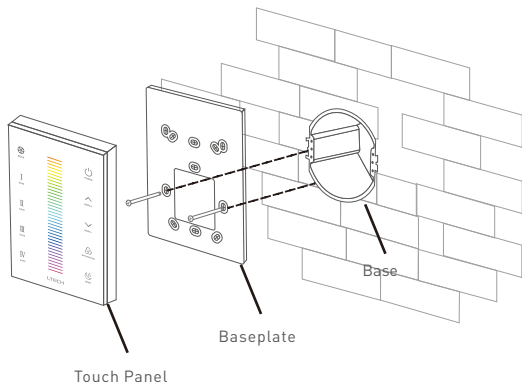
## Terminals



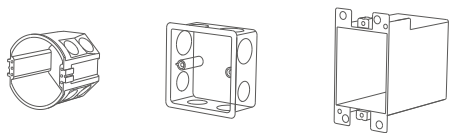
- 1: DMX+
- 2: DMX-
- 3: NC
- 4: Power
- 5: Power
- 6: NC
- 7: GND
- 8: GND



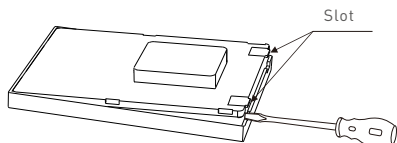
## Installation Instruction



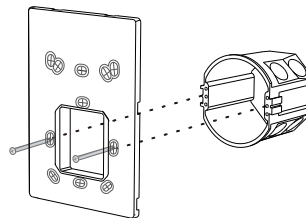
1. Install the base into the wall. Typical bases as below:



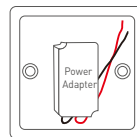
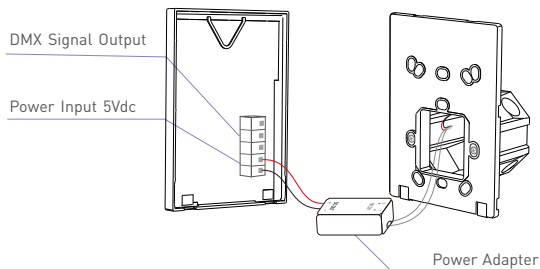
2. Use a straight screwdriver to pry the position shown:



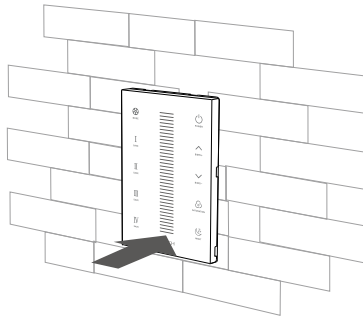
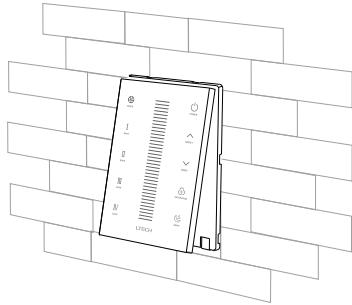
3. Screw the baseplate and the base in the wall firmly.



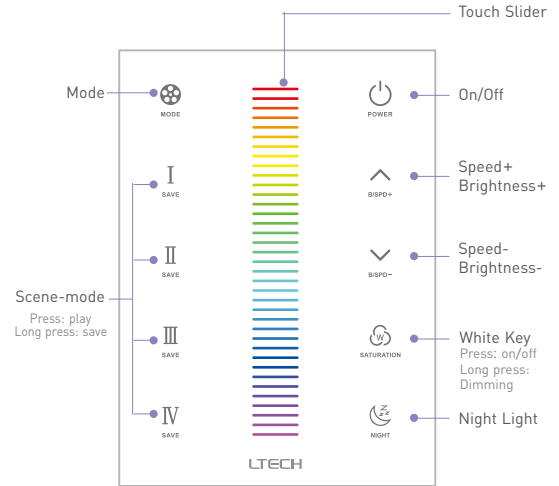
4. Connect in a right way and put the power adapter into the base.



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
12. Static Black

# Application Composition

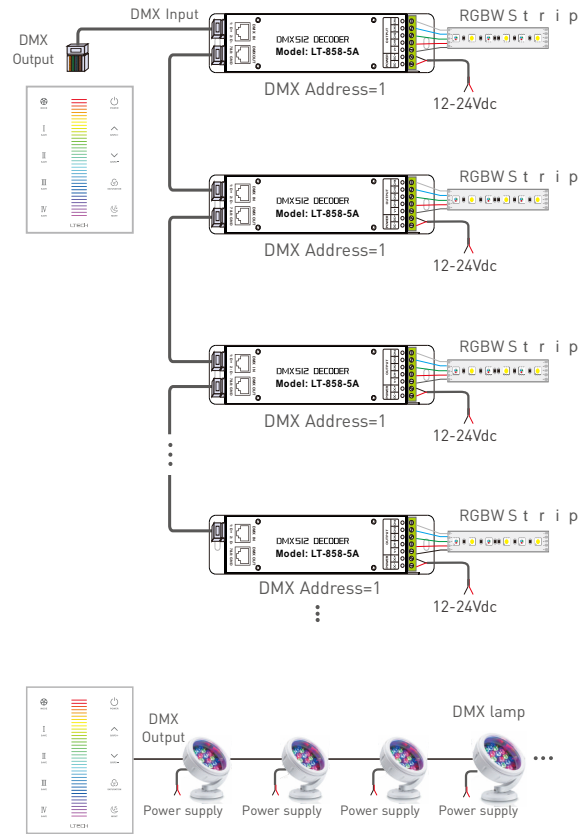
## DMX512 Signal Output :

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

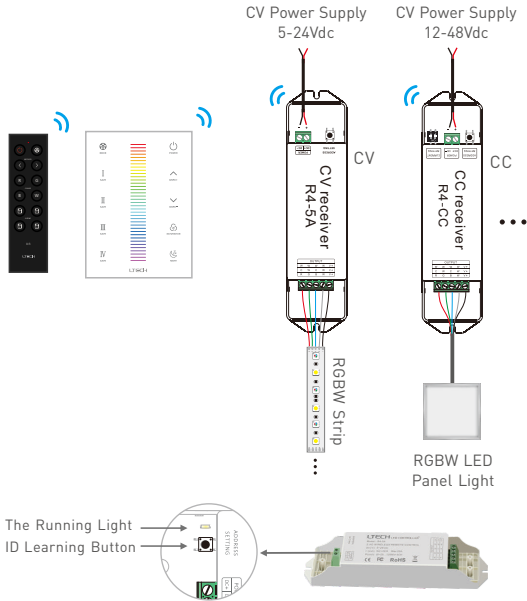
## Wireless Control:

1. + Wireless receiver (R4-3A/5A, R4-CC)
2. + Remote (V4) + Wireless receiver (R4-3A/5A, R4-CC)
3. + WiFi master controller (WiFi-104) + Wireless receiver (R4-3A/5A, R4-CC)
4. + WiFi master controller (WiFi-104) + Remote (V4) + Wireless receiver (R4-3A/5A, R4-CC)

# DMX Output Wiring



## RF Wireless Wiring



### Match / Clear Code between UX4 (V4) & Receivers

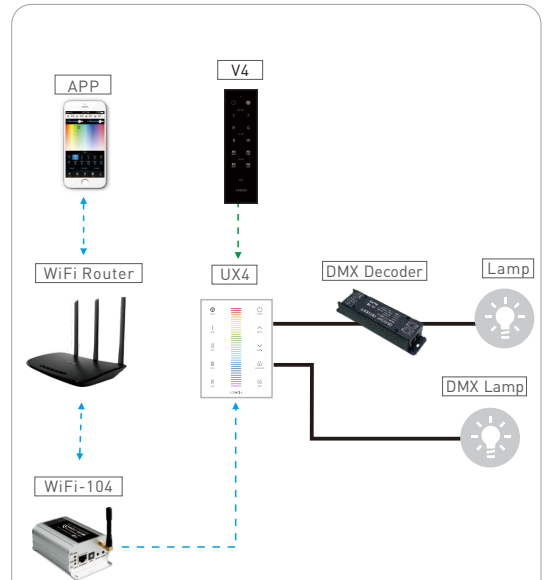
#### Match Code:

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

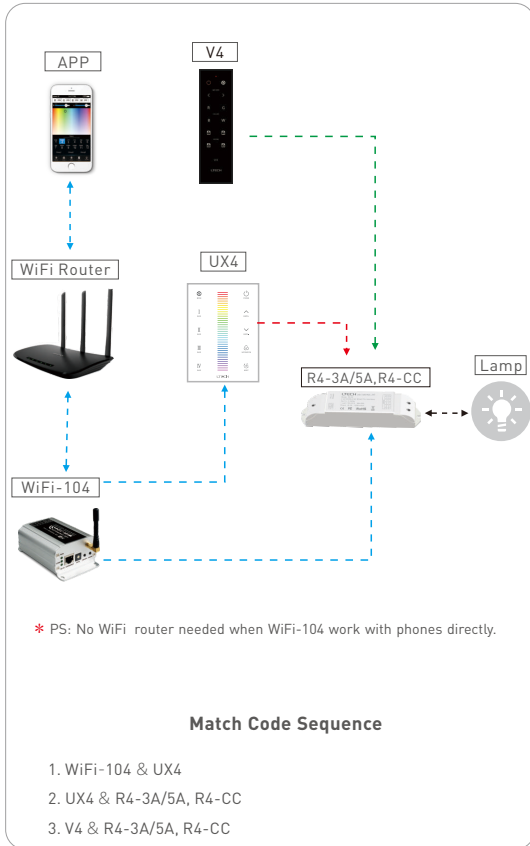


\* PS: No WiFi router needed when WiFi-104 work with phones directly.

### Match Code Sequence

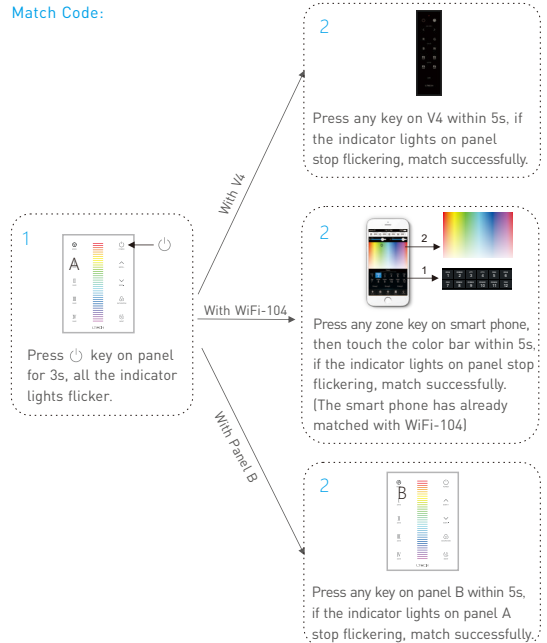
1. Configure WiFi-104 with UX4, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V4 with UX4, which enables V4 to control DMX device.

# Wireless System Wiring



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

## Match Code:



## Clear Code:

