

# General Product Type

Electronics	
Input Voltage	5 V DC
Power Supply	Internal

Controller, Wireless

# Lighting

Color Range Single Color

## Control

Output Signal	2.4 GHz, DMX, RF
Control	DMX, Radio Frequency
Dimming Range	0~100%
Remote Distance	25m
Zones	1

## Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE IP20 5 year warranty

# Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



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# LTECH

## UX Touch Panel (Dimming)



Manual

www.ltech-led.com

## Technical Specs

## UX1 Dimming Touch Panel

Working Temp.: -30°C~55°C Input Voltage: 5Vdc. 0.5A~1A

> (with an adapter) Package Size: I 132×W192×H50(mm)

Output Signal: RF 2.4GHz, DMX512 Weight(N.W.): 230a Control Mode: Dimming Weight(G.W.): 370a

#### 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)

Weight(G.W.): 60a Current Load: 3A × 4CH Max. 12A

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

Package Size: L178×W48×H33(mm) Input Voltage: 5~24Vdc

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





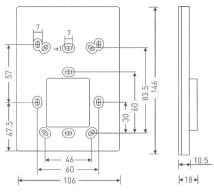




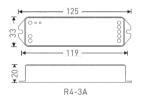


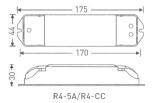
## Product Size:

The Unit: mm

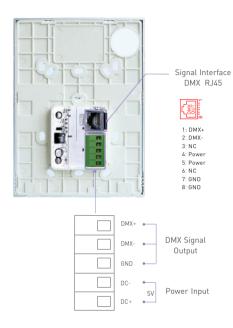


Touch Panel



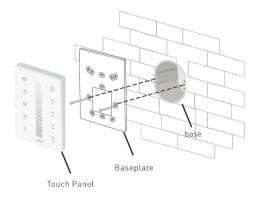


## **Terminals**





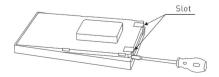
## Installation Instruction:



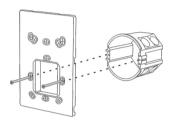
1. Install the base into the wall. Typical bases as below:



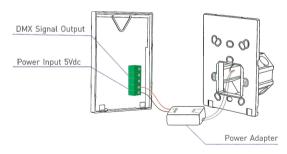
 $2\,$  Use a straight screwdriver to pry the position shown:



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

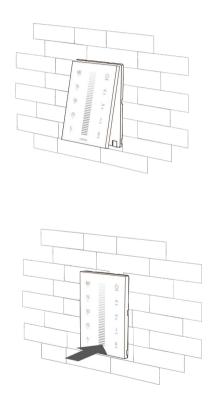


4 Connect in a right way and put the power adapter into the base.

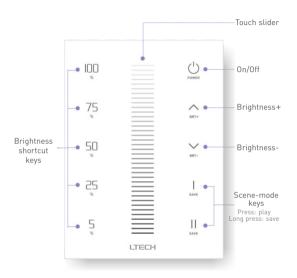




5 Embed the upper touch panel into the baseplate and then tap the bottom to press into the slots.



# **Key Functions**



\* When UX1 is off, long press  $\circlearrowleft$  to turn on/off the tone.

## **Application Composition**

#### DMX512 Signal Output:

Touch panel

[UX1]

WiFi master controller

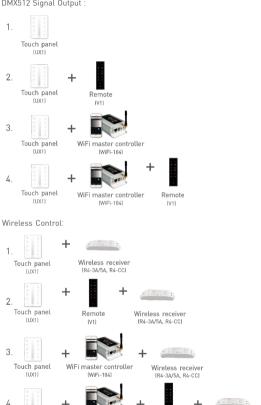
(WiFi-104)

Remote

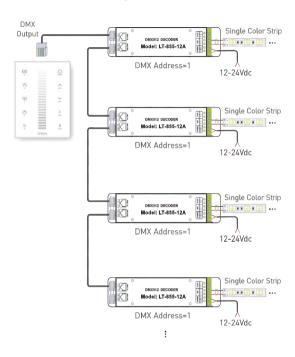
(V1)

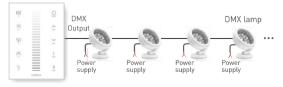
Wireless receiver

IR4-3A/5A, R4-CCI

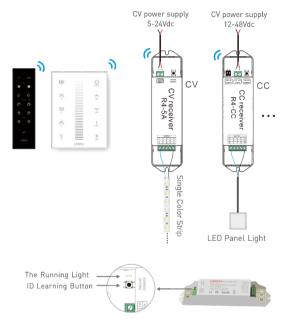


# DMX Output Wiring





# RF Wireless Wiring



Match / Clear Code between UX1 (V1) & Receivers

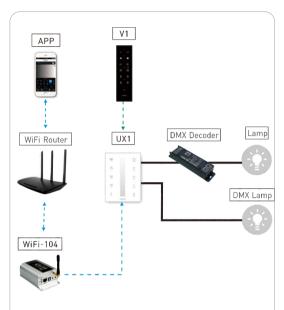
#### Match Code:

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**

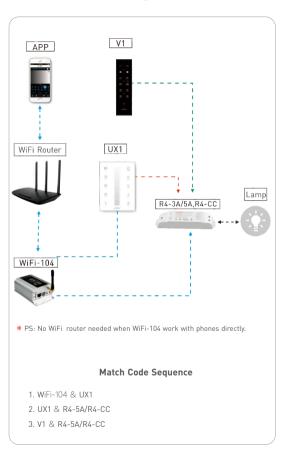


\* PS: No WiFi router needed when WiFi-104 work with phones directly.

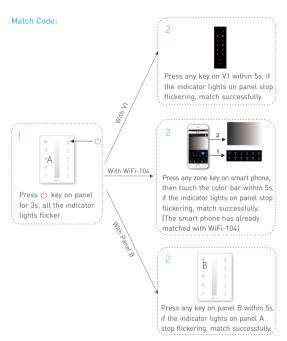
## Match Code Sequence

- 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



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



#### Clear Code:

