



General

Product Type	Controller, Wireless
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Electronics

Input Voltage	5 V DC
Power Supply	Internal

Lighting

Color Range	Single Color
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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.



LTECH

UXI 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°C~55°C
Output Signal: RF 2.4GHz, DMX512	Package Size: L132xW192xH50(mm)
Control Mode: Dimming	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)	

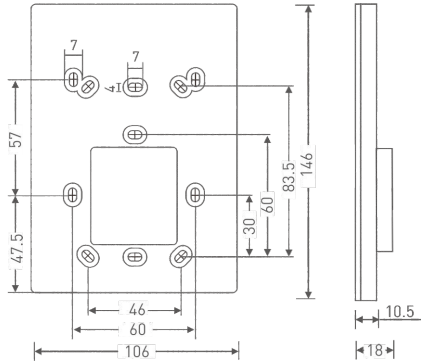
R4-CC Constant Current Receiver (receiver is sold separately)

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 350/700/1050mA x 4CH	
Output Power: 1.05W-48.3W x 4CH Max 193.2W	

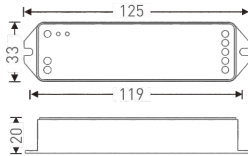


Product Size:

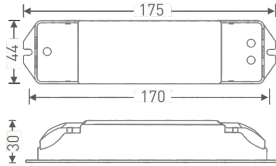
The Unit: mm



Touch Panel

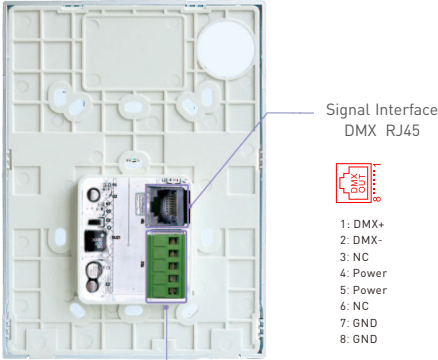


R4-3A

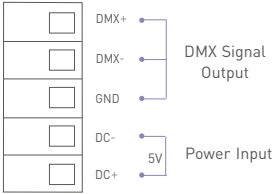


R4-5A/R4-CC

Terminals

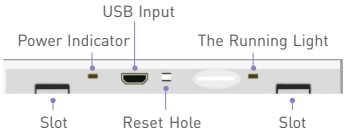


Signal Interface
DMX RJ45

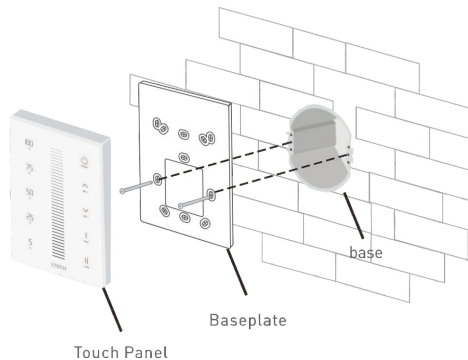


DMX Signal
Output

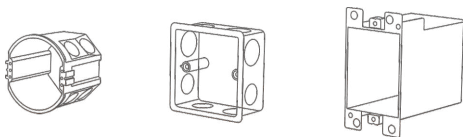
Power Input



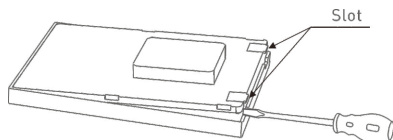
Installation Instruction:



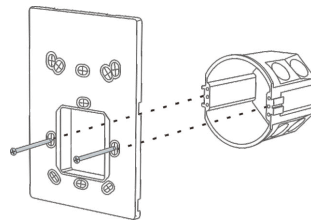
1. Install the base into the wall. Typical bases as below:



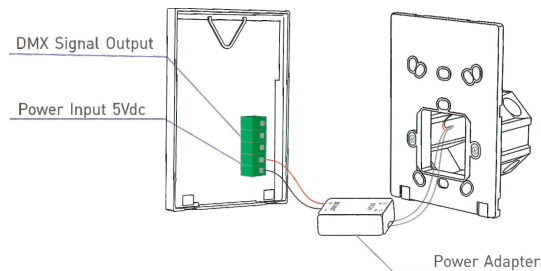
2. Use a straight screwdriver to pry the position shown:



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

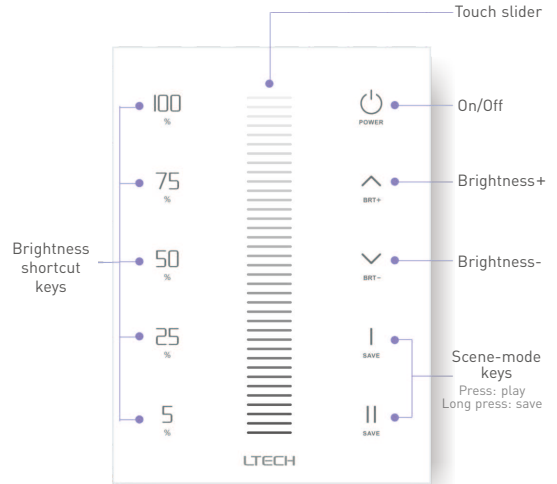
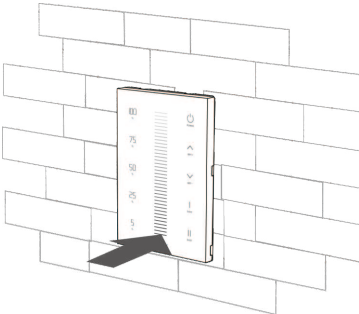
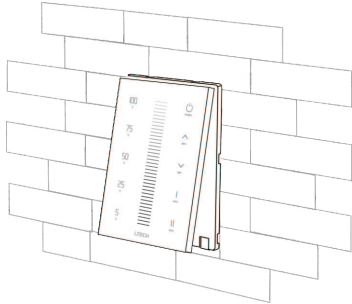


4. Connect in a right way and put the power adapter into the base.



Key Functions

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



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

Application Composition

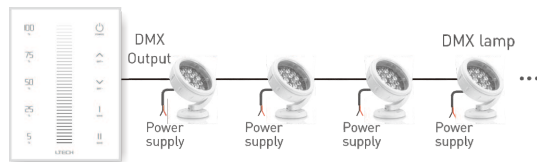
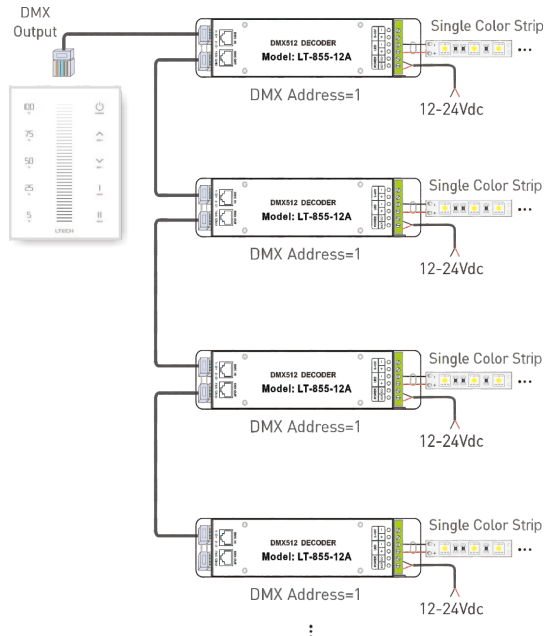
DMX512 Signal Output :

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

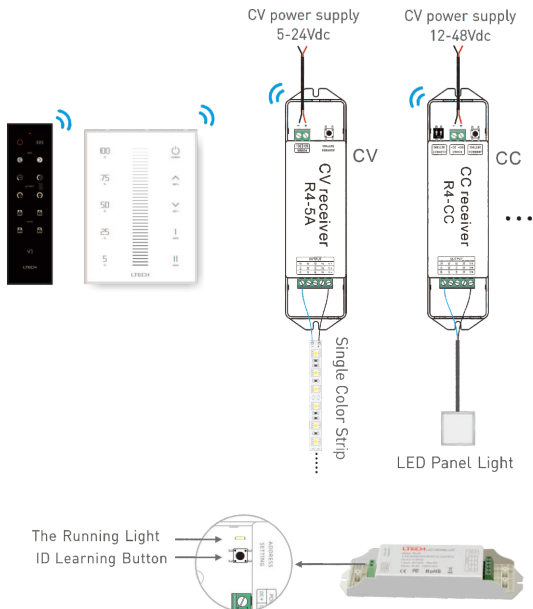
Wireless Control:

1. + Wireless receiver (R4-3A/5A, R4-CC)
2. + + Wireless receiver (R4-3A/5A, R4-CC)
3. + + Wireless receiver (R4-3A/5A, R4-CC)
4. + + + Wireless receiver (R4-3A/5A, R4-CC)

DMX Output Wiring



RF Wireless Wiring



Match / Clear Code between UX1 (V1) & Receivers

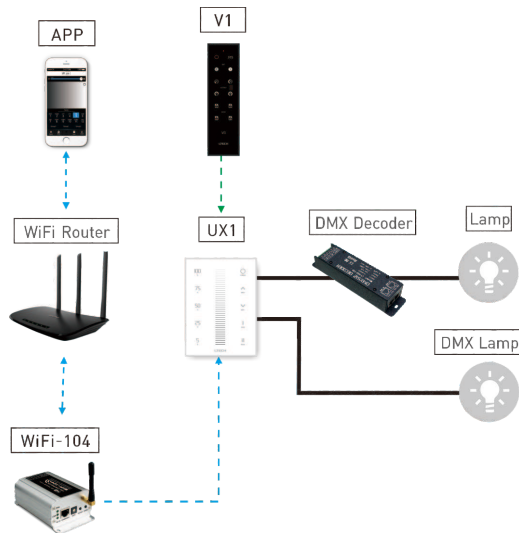
Match Code:

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

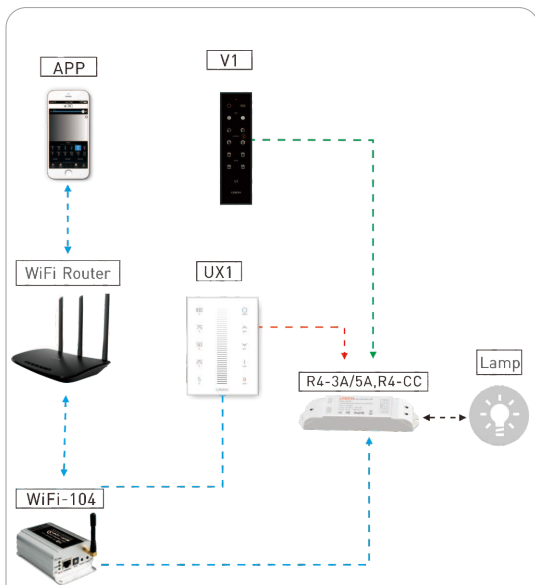


* PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

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



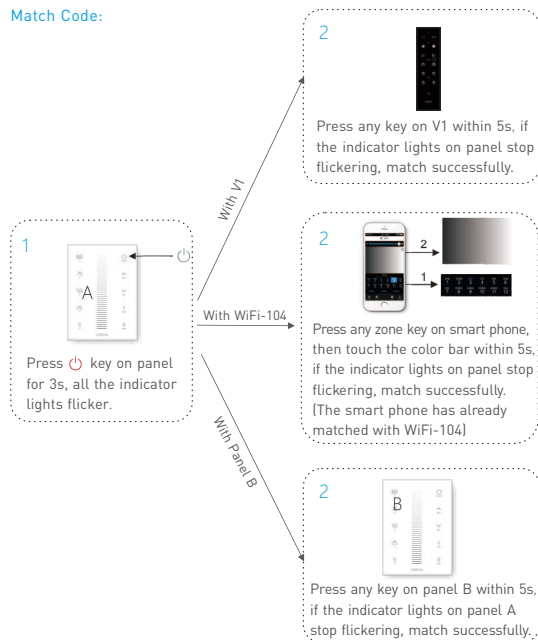
* PS: No WiFi router needed when WiFi-104 work with phones directly.

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:



Clear Code:

