

LTECH

UX8 TOUCH PANEL (RGBW)



Manual

www.ltech-led.com

Technical Specs

UX8 RGBW Touch Panel

Input Voltage:	5Vdc, 0.5A~1A (with a power adapter)
Output Signal:	RF 2.4GHz, DMX512
Control Mode:	RGBW, 4 Zones Control
Working Temp.:	-30°C~55°C
Package Size:	L132×W192×H50(mm)
Weight(N.W.):	230g
Weight(G.W.):	370g

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

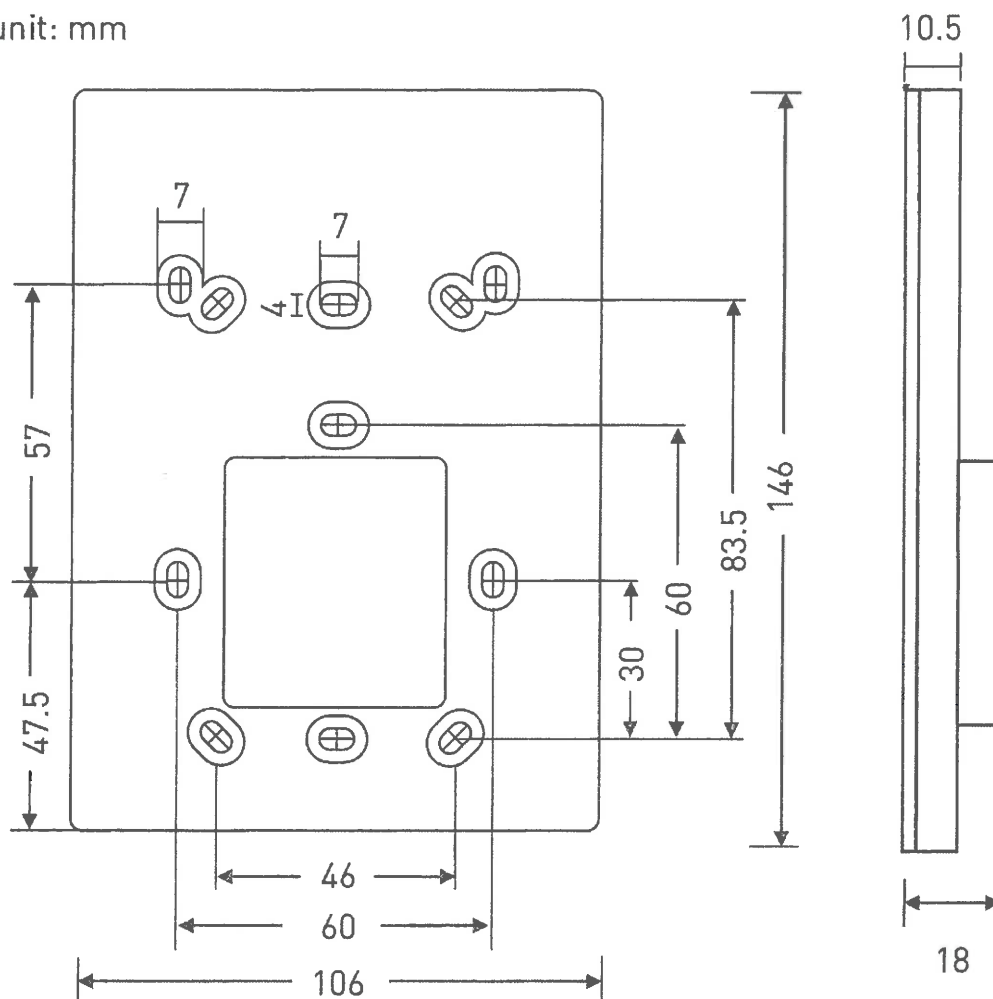
Input Voltage:	5~24Vdc
Current Load:	5A × 4CH Max. 20A
Output Power:	Max. 100W/240W/480W(5V/12V/24V)
Wireless Signal:	RF 2.4GHz
Working Temp.:	-30°C~55°C
Package Size:	L178×W48×H33(mm)
Weight(G.W.):	150g

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

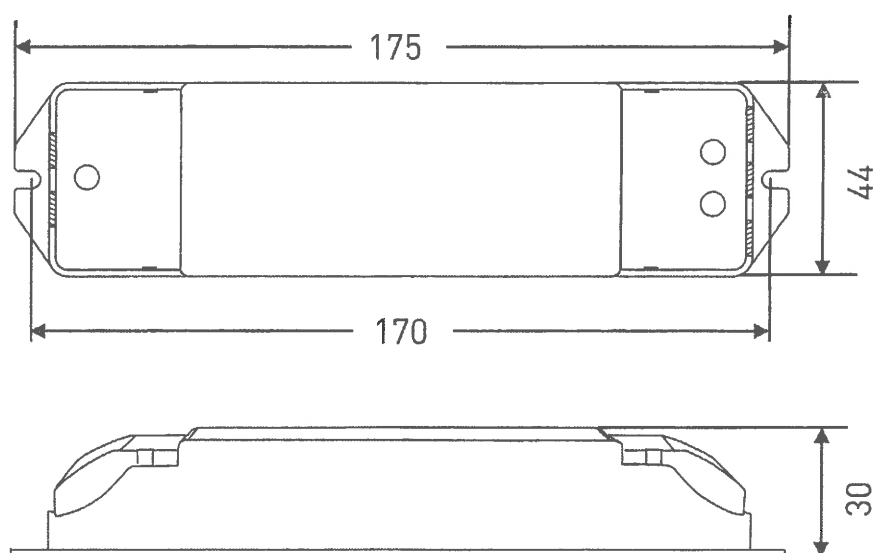
Input Voltage:	12~48Vdc
Output Voltage:	3~46Vdc
Output Current:	CC 350/700/1050mA×4CH
Output Power:	1.05W~48.3W×4CH Max 193.2W
Wireless Signal:	RF 2.4GHz
Working Temp.:	-30°C~55°C
Package Size:	L178×W48×H33(mm)
Weight(G.W.):	165g

Product Size:

The unit: mm

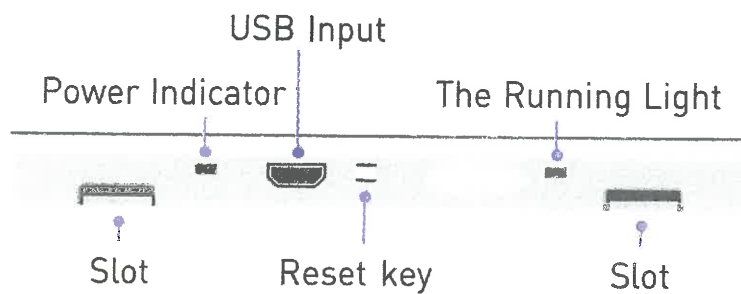
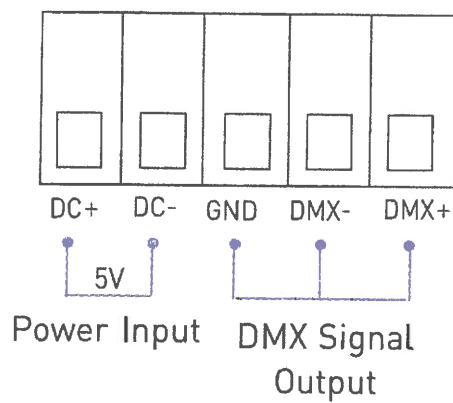
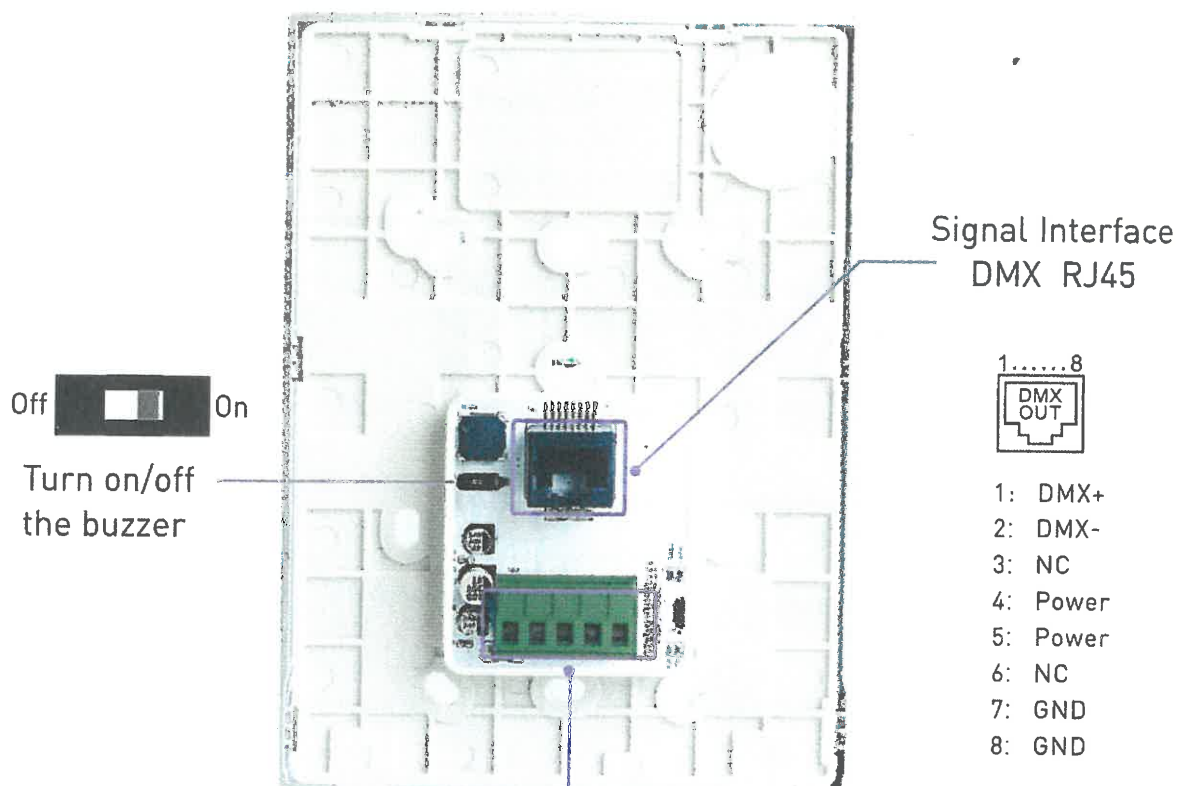


UX8 Touch Panel

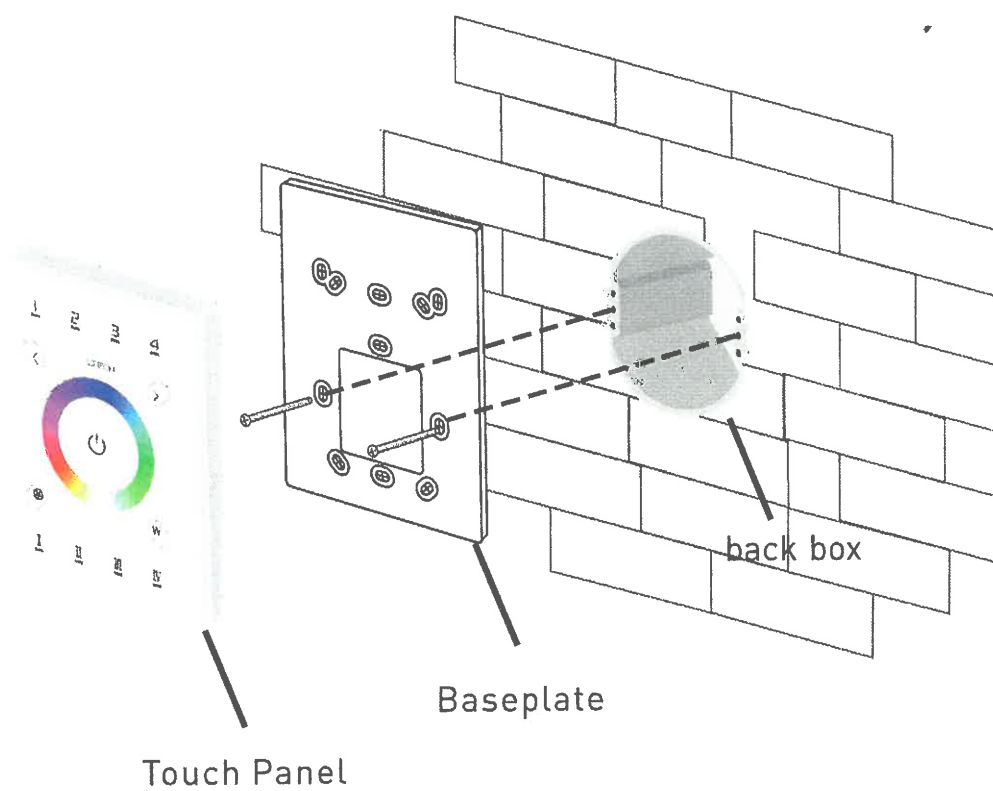


R4-5A/R4-CC Receiver

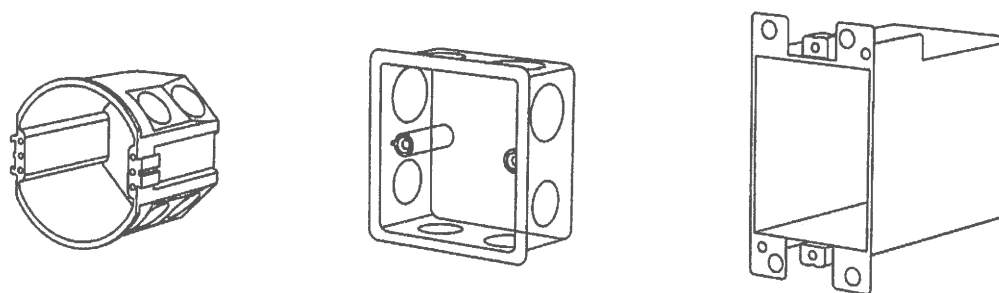
Terminals



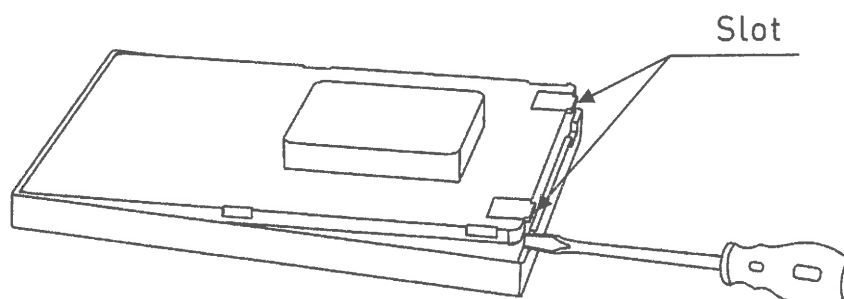
Installation Instruction:



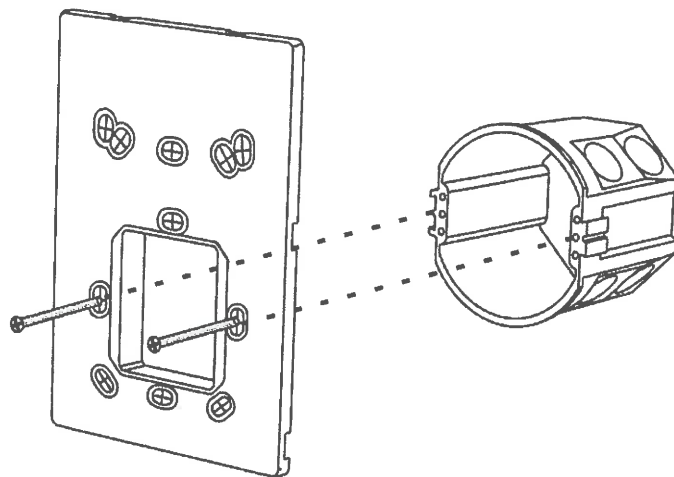
1. Install the back box into the wall. Typical boxes as below:



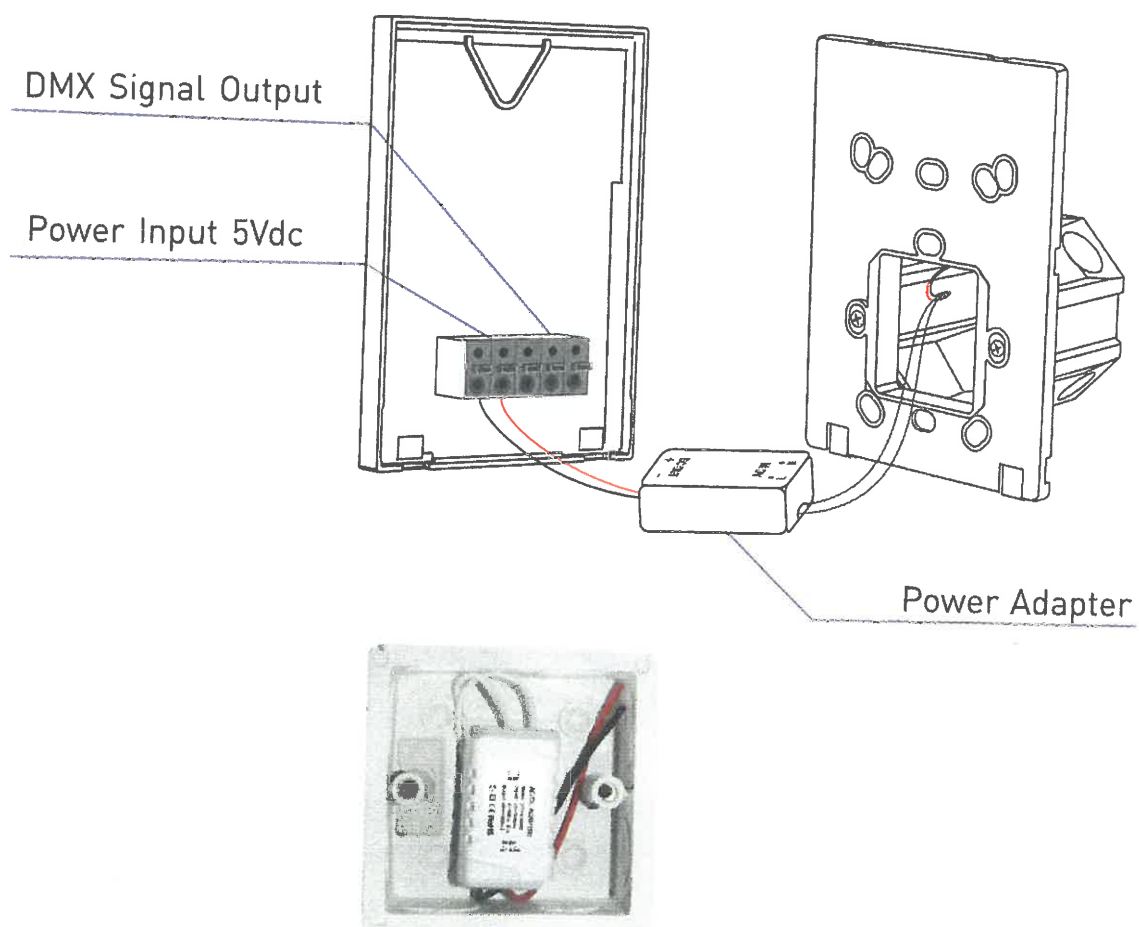
2 Use a straight screwdriver to pry the position shown:



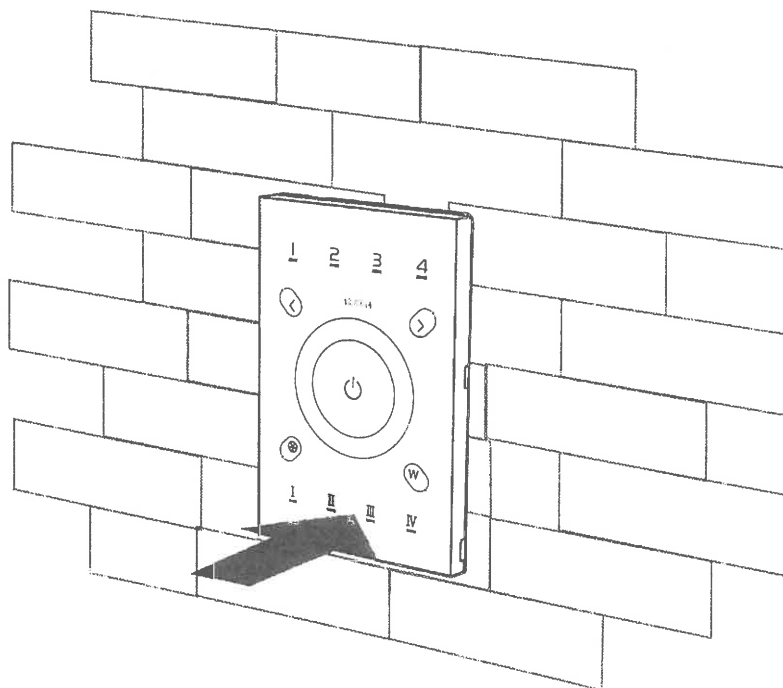
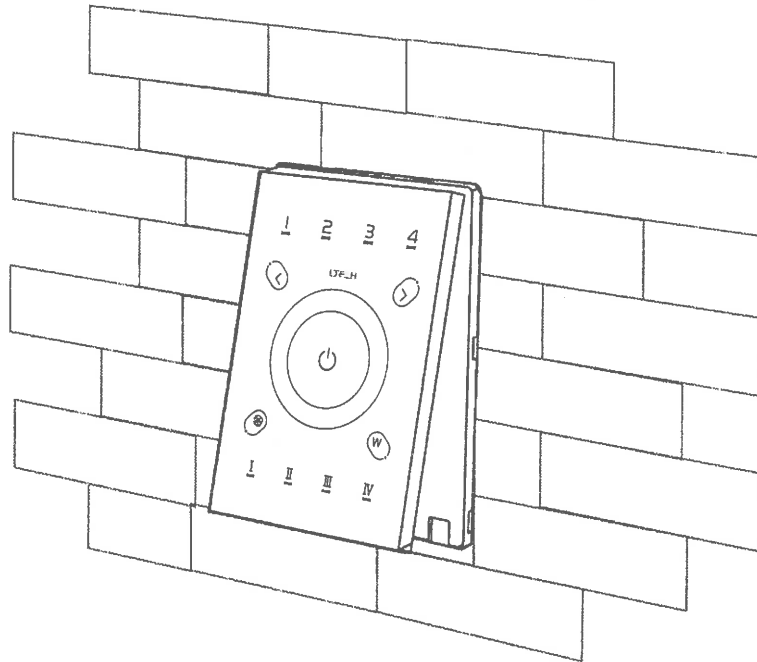
3. screw the baseplate and the back box in the wall firmly.



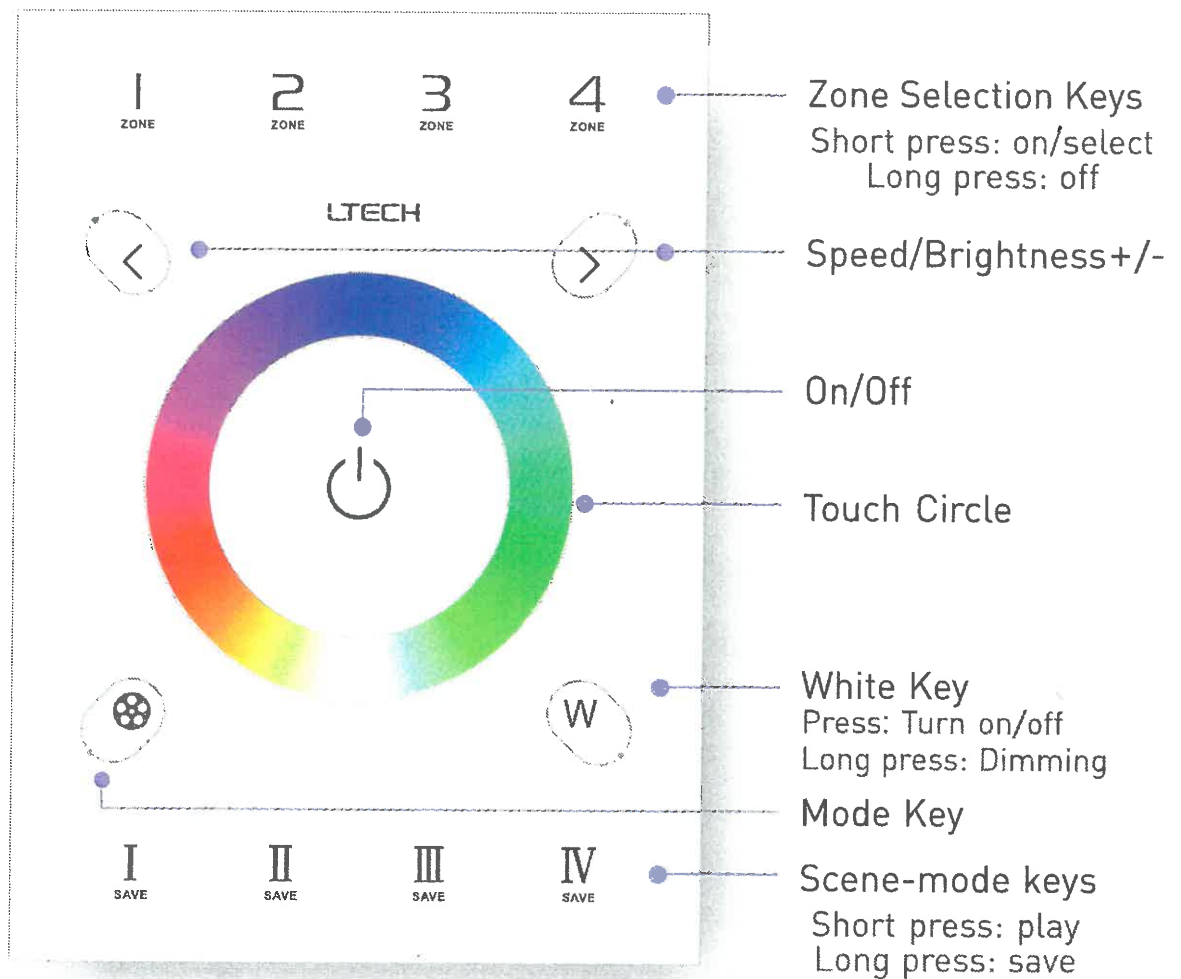
4 Connect in a right way and put the power adapter into the back box.



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



Key Functions

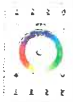
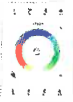
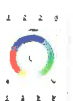


The Changing Mode (Press to Select):

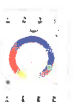
- | | | | |
|---------------------|-----------------|---------------------|------------------|
| 1. Static Red | 2. Static Green | 3. Static Blue | 4. Static Yellow |
| 5. Static Purple | 6. Static Cyan | 7. Static White | 8. RGB Jumping |
| 9. 7 Colors Jumping | 10. RGB Smooth | 11. 7 Colors Smooth | |
| 12. Static Black | | | |

Application Composition

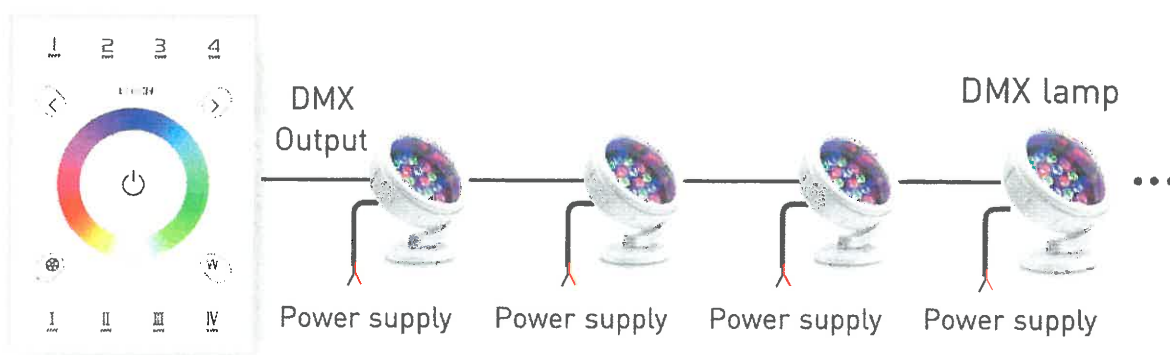
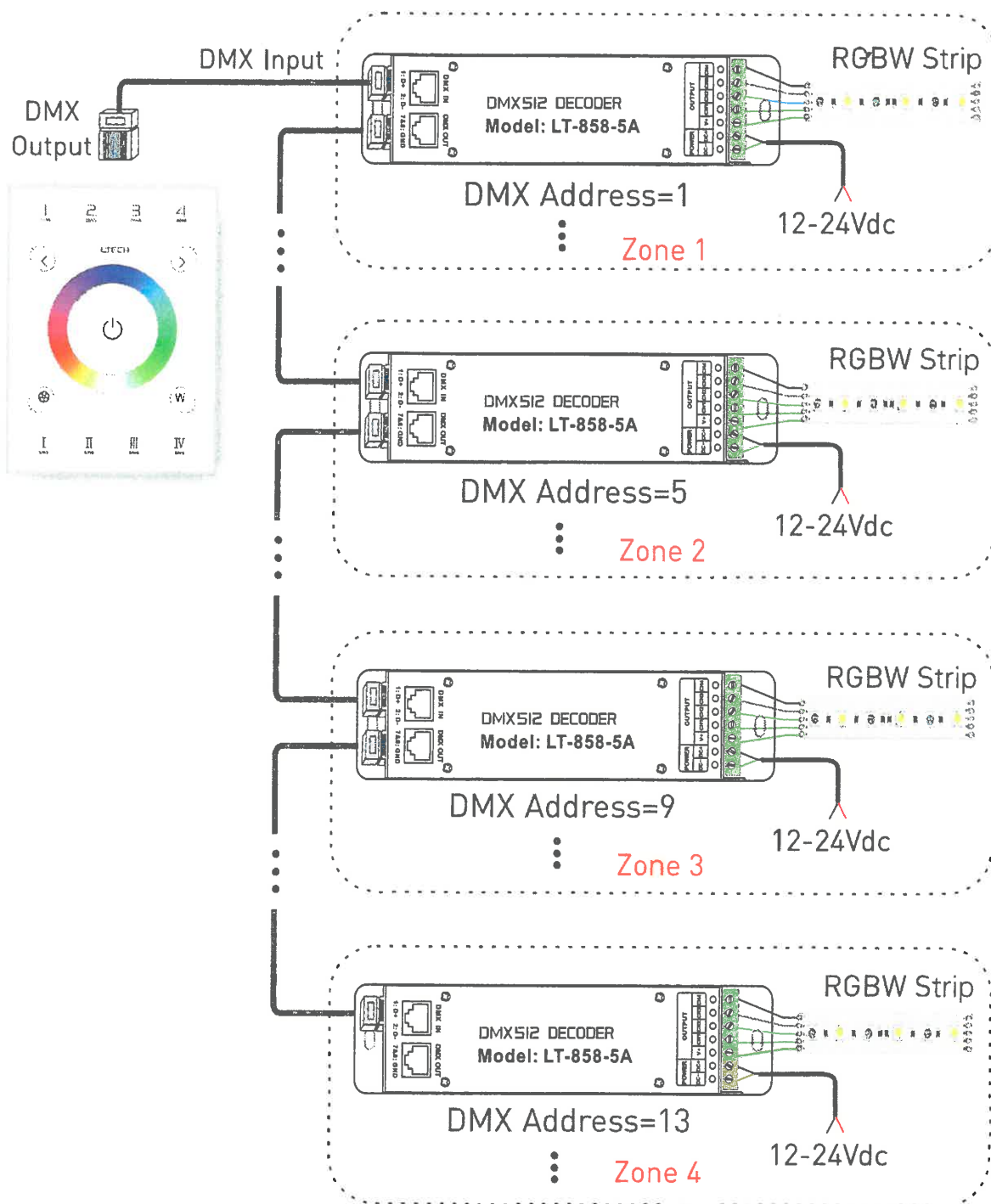
DMX512 Signal Output :

1.  Touch panel (UX8)
2.  +  Remote (V8)
3.  +  WiFi master controller (WiFi-104)
4.  +  +  Remote (V8)

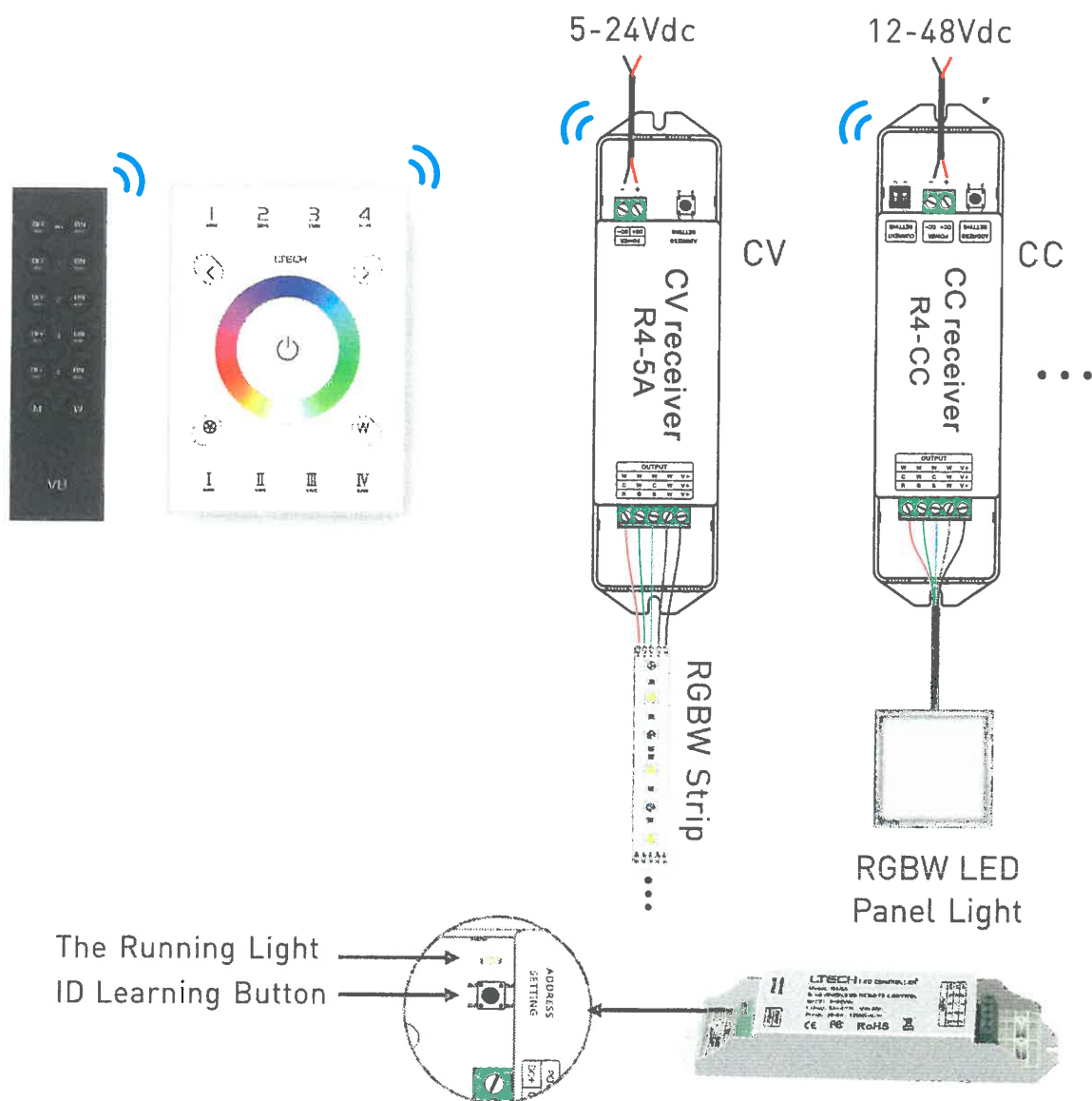
Wireless Control:

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 UX8 (V8) & Receivers

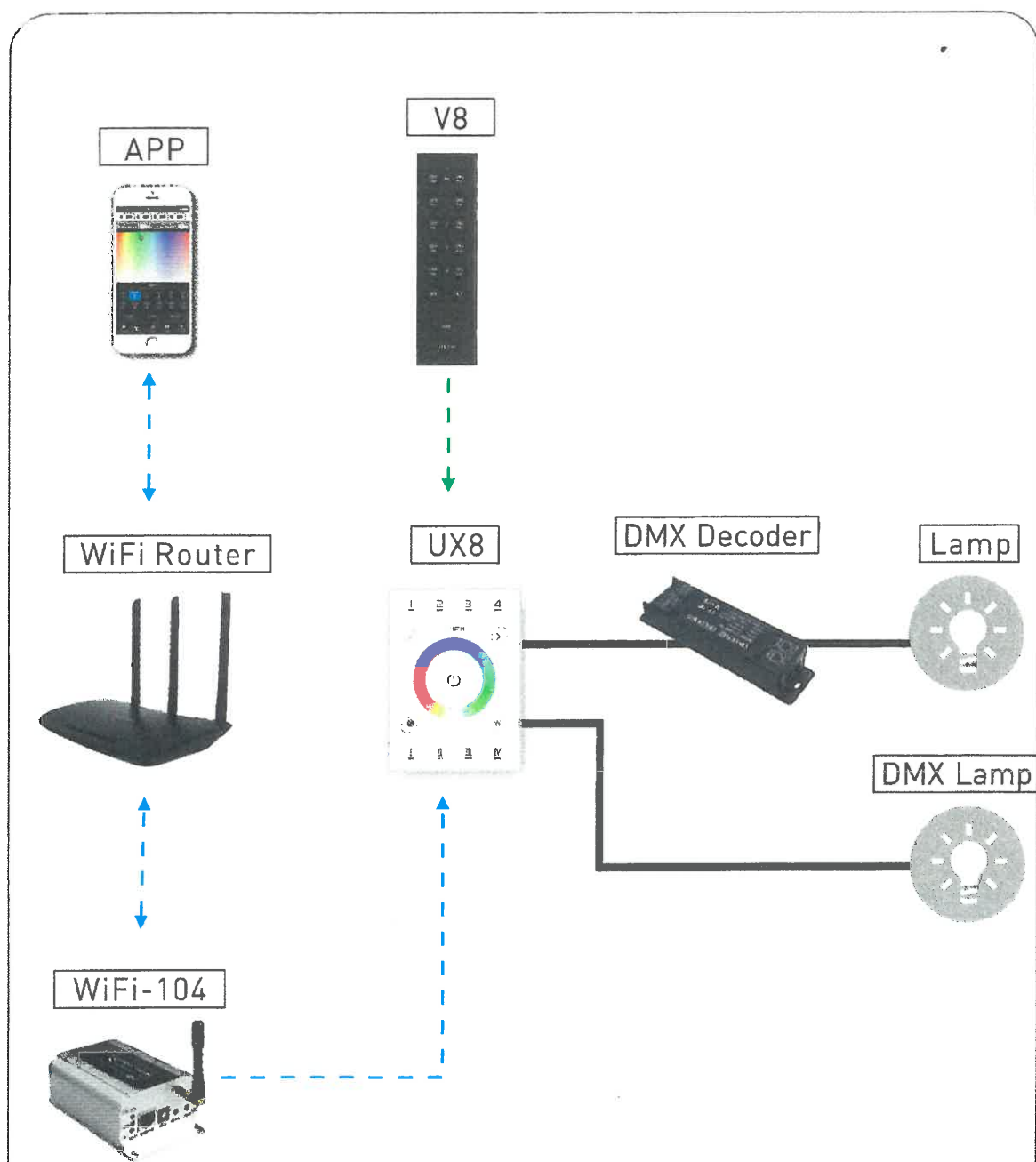
Match Code:

Short press "ID learning button" on receiver (R4-3A/5A, R4-CC), then press any zone key on UX8 or V8, 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

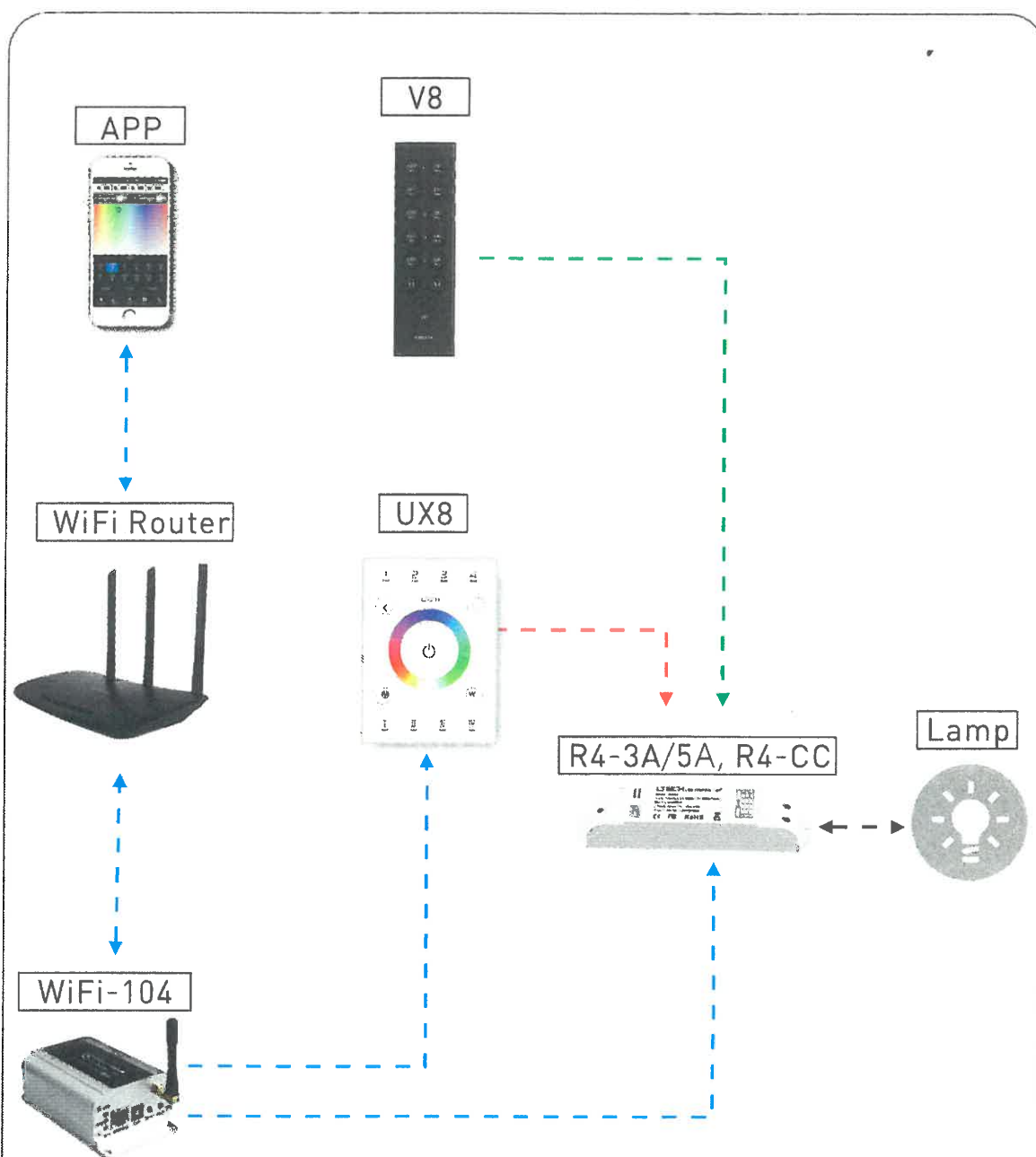


* PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

1. Configure WiFi-104 with UX8, which enables the smart phone to control DMX device via WiFi-104.
2. Configure V8 with UX8, which enables V8 to control DMX device.

Wireless System Wiring



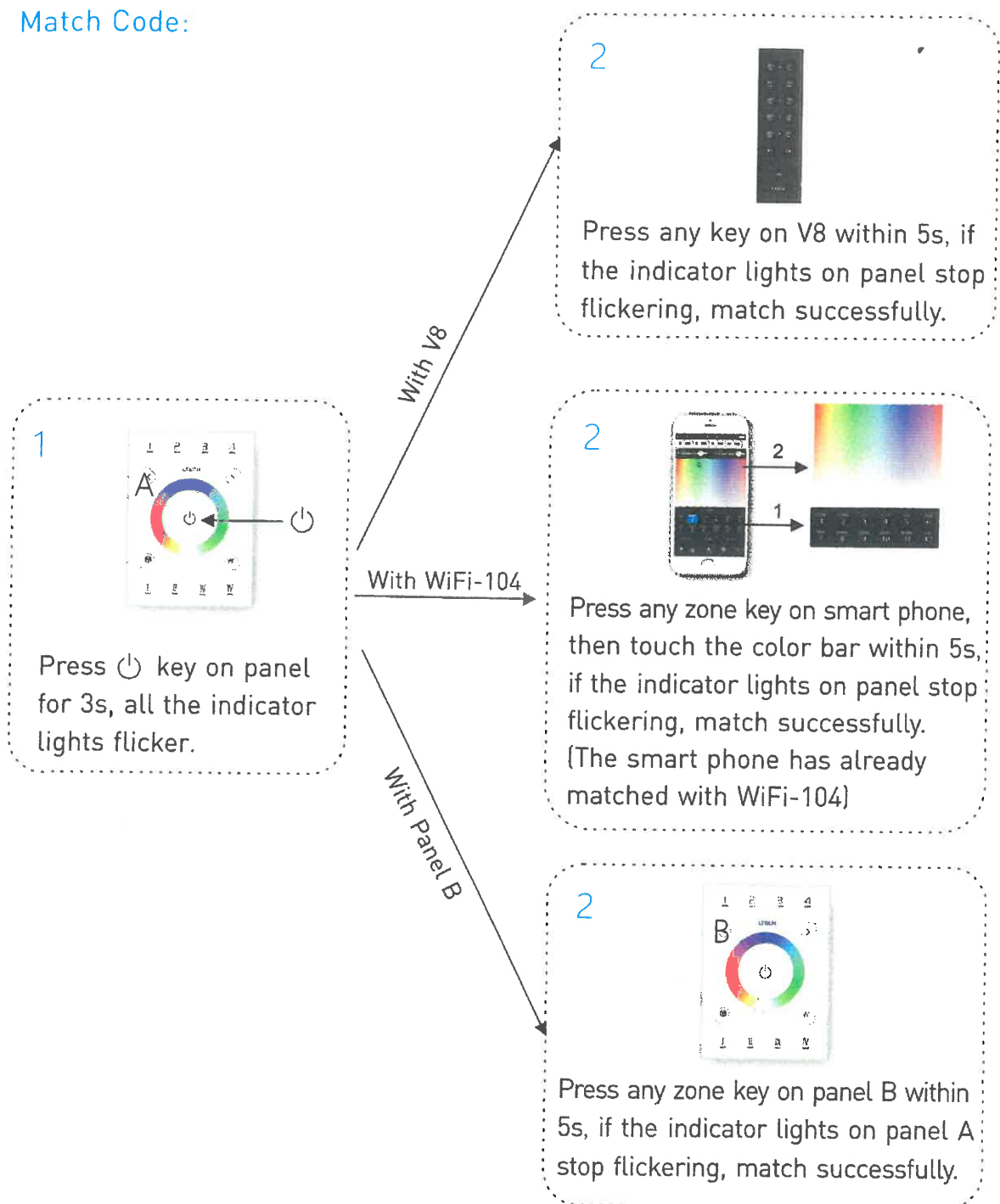
* PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code Sequence

1. WiFi-104 & UX8
2. UX8 & R4-5A/R4-CC
3. V8 & R4-5A/R4-CC

Match / Clear Code for UX8 & WiFi-104, V8, UX8

Match Code:



Clear Code:

