

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

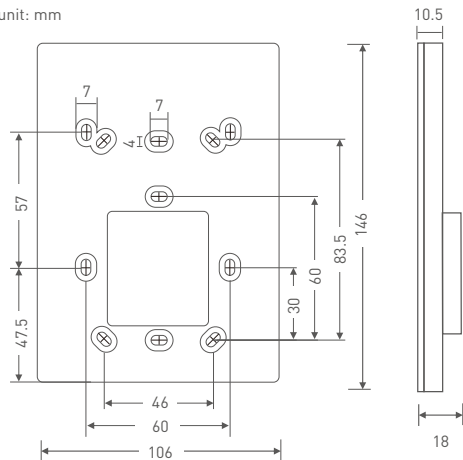
R4-CC Constant Current Receiver (receiver is sold separately)

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

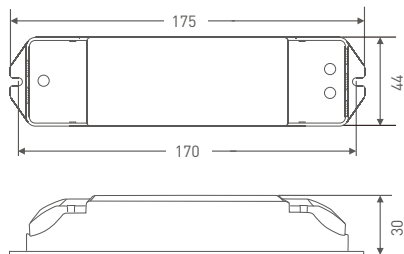


Product Size:

The unit: mm

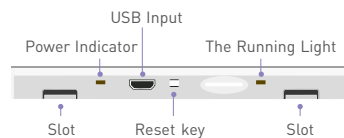
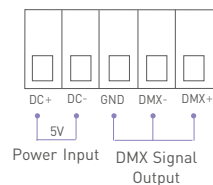
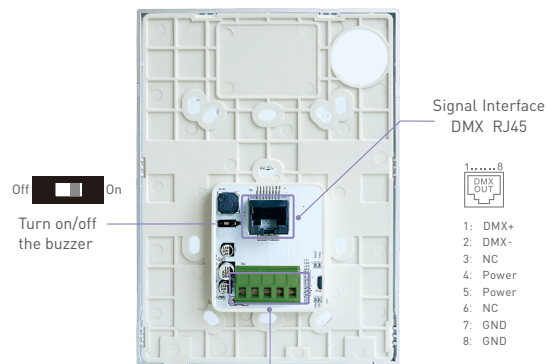


UX8 Touch Panel

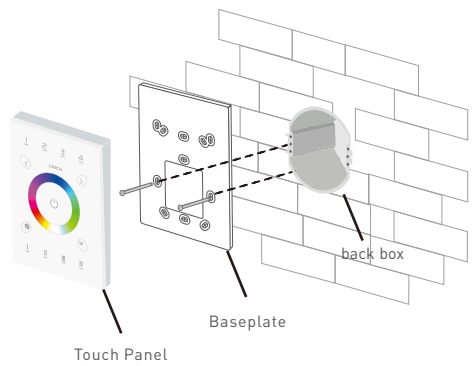


R4-5A/R4-CC Receiver

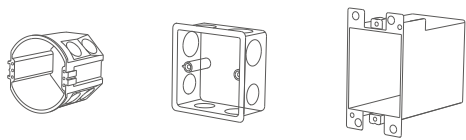
Terminals



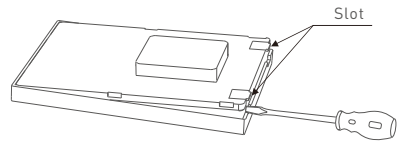
Installation Instruction:



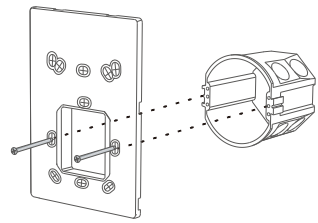
1. Install the back box into the wall. Typical boxes as below:



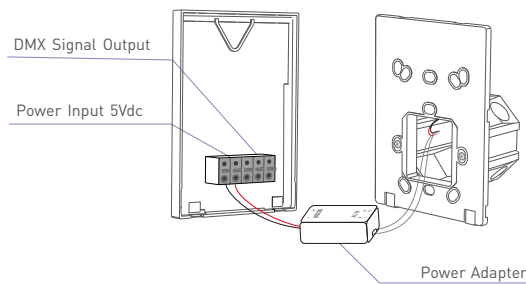
2 Use a straight screwdriver to pry the position shown:



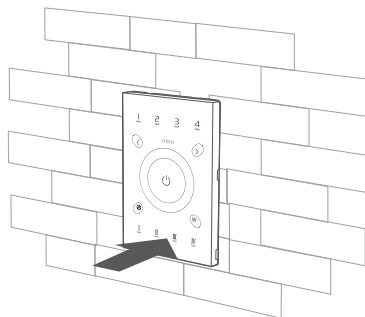
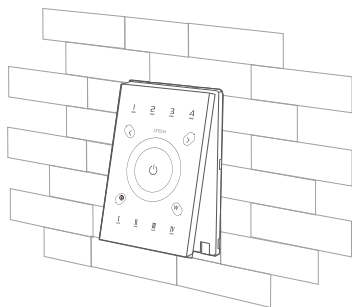
3. screw the baseplate and the back box in the wall firmly.



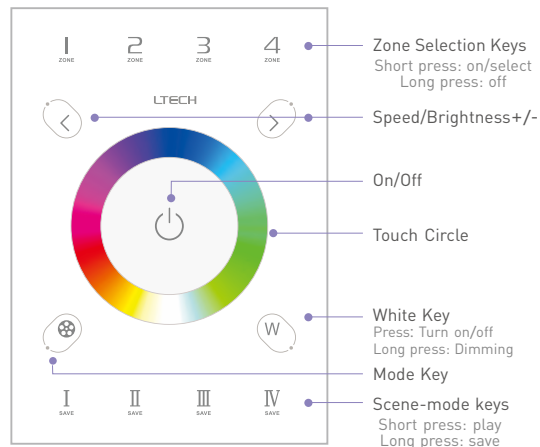
4 Connect in a right way and put the power adapter into the back box.



- 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

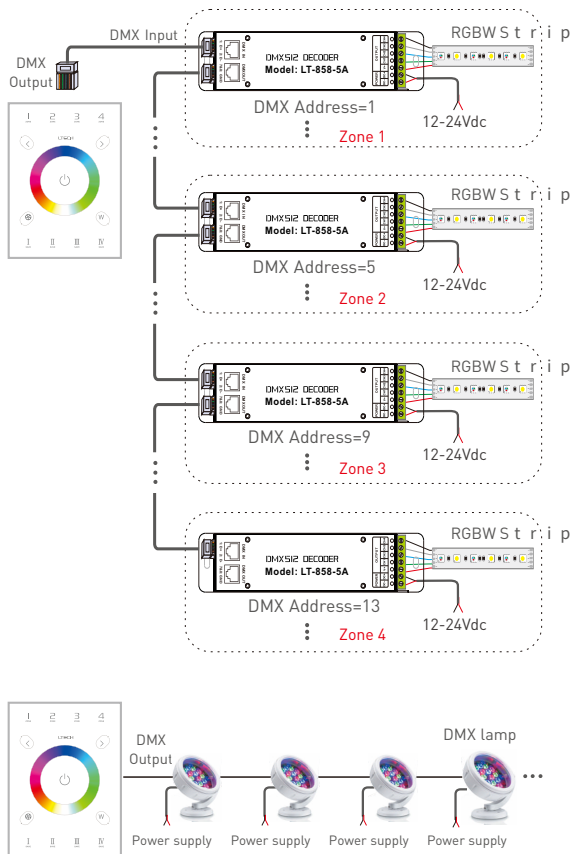
DMX512 Signal Output :

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

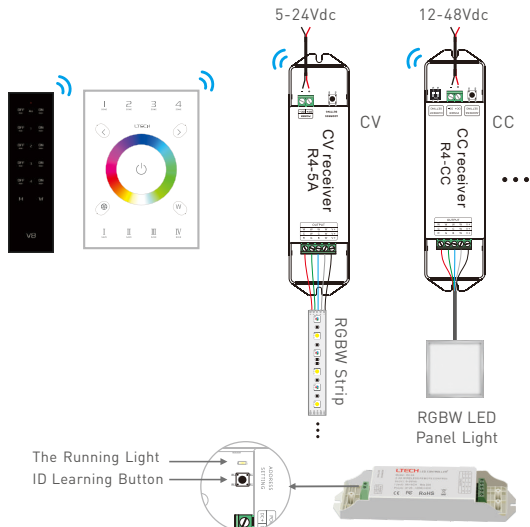
Wireless Control:

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

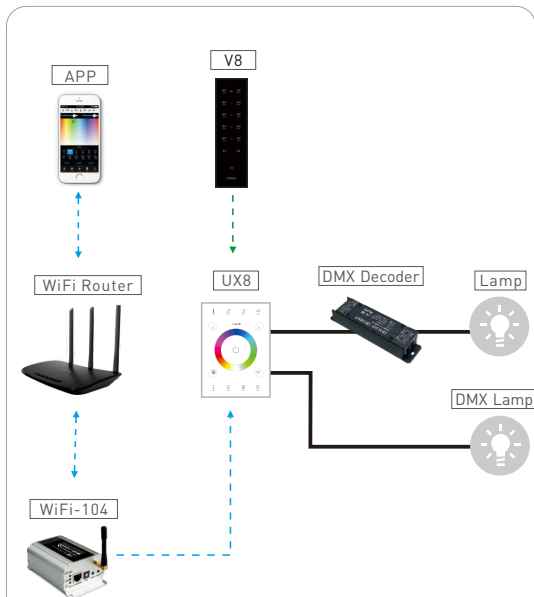
Match Code:

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

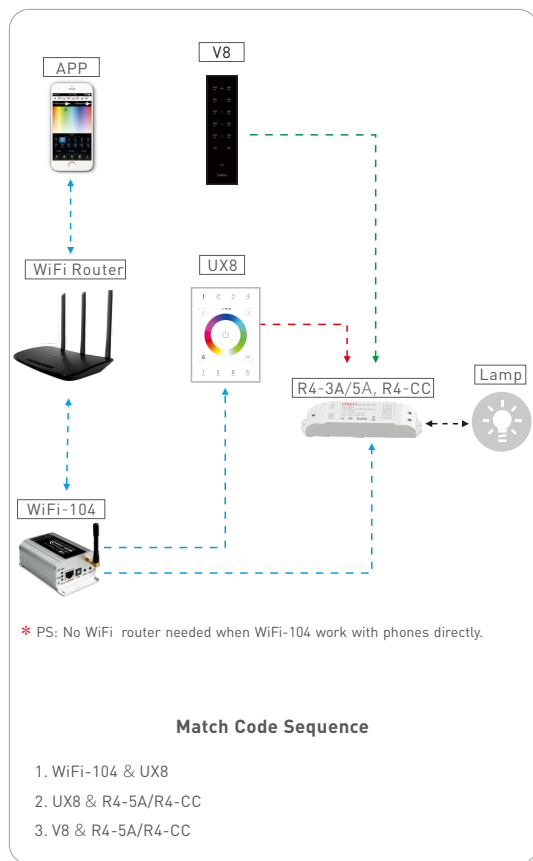


* PS: No WiFi router needed when WiFi-104 work with phones directly.

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.

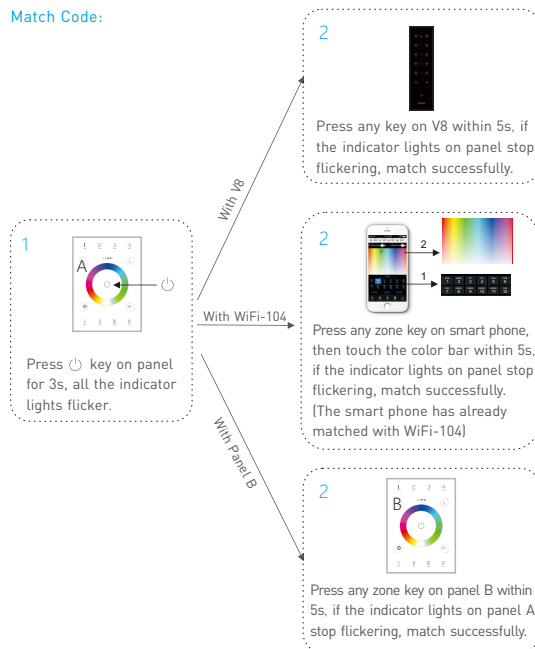
Wireless System Wiring



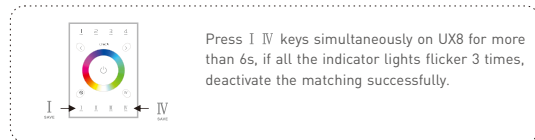
* PS: No WiFi router needed when WiFi-104 work with phones directly.

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

Match Code:



Clear Code:



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UX8 触摸面板 (RGBW)



使用说明书
www.ltech.cn

技术参数

UX8 RGBW触摸面板

电压输入:	5Vdc, 0.5A~1A (配有电源适配器)
输出信号:	RF 2.4GHz, DMX512
控制方式:	RGBW, 4个分区控制
工作温度:	-30℃~55℃
包装尺寸:	L132×W180×H35(mm)
净重:	230g
毛重:	370g

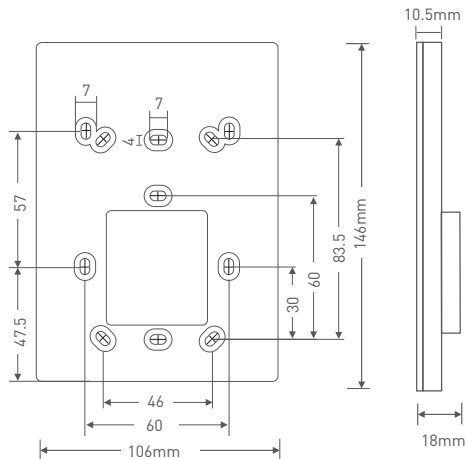
R4-5A 恒压接收器 (请另外购买).

电压输入:	5~24Vdc
负载电流:	5A×4路 Max 20A
负载功率:	Max 100W/240W/480W(5V/12V/24V)
无线信号:	RF 2.4GHz
工作温度:	-30℃~55℃
包装尺寸:	L178×W48×H33(mm)
重量(毛重):	150g

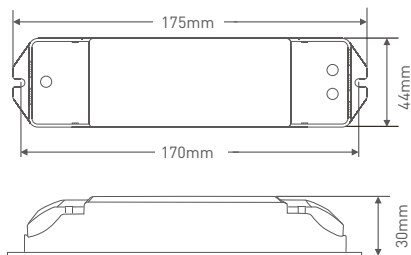
R4-CC 恒流接收器 (请另外购买).

输入电压:	12~48Vdc
输出电压:	3~46Vdc
输出电流:	CC350/700/1050mA ×4路
输出功率:	1.05W~48.3W ×4路 Max 193.2W
无线信号:	RF 2.4GHz
工作温度:	-30℃~55℃
包装尺寸:	L178×W48×H33(mm)
重量(毛重):	165g

产品尺寸

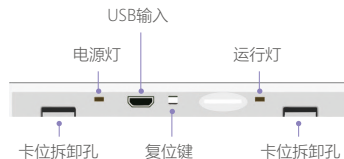
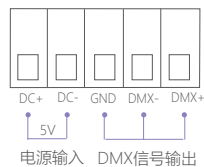
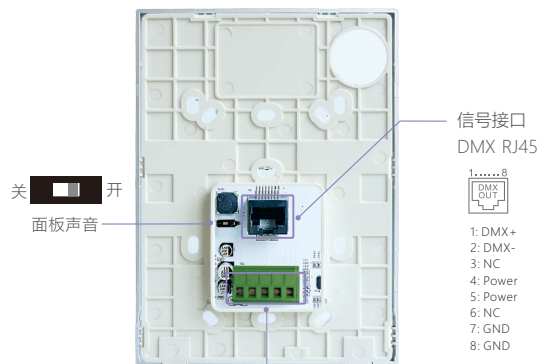


UX8触摸面板

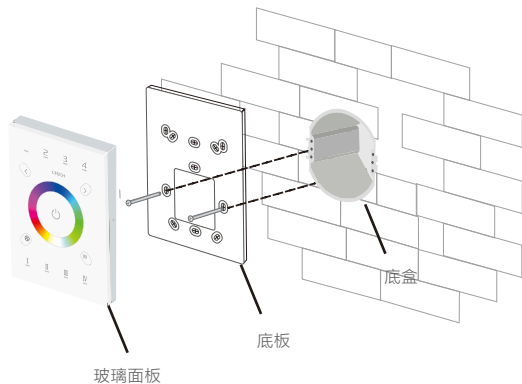


R4-5A/R4-CC接收器

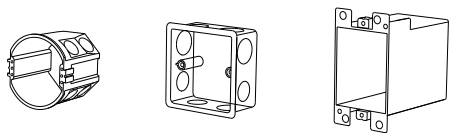
接线端子



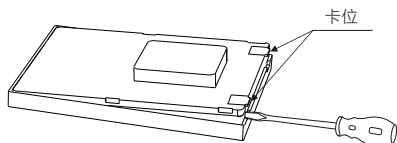
安装方法



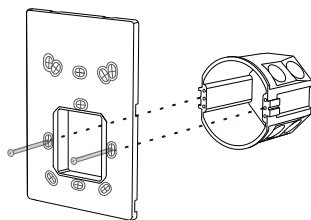
1 将底盒装于墙壁内，典型底盒如下。



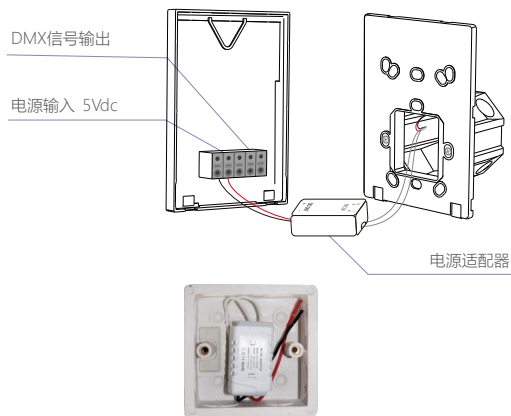
2 拆底板: 用一字螺丝刀撬动图示位置。



3 连接底板底盒: 用螺丝将底板与墙壁上的底盒连接牢固。

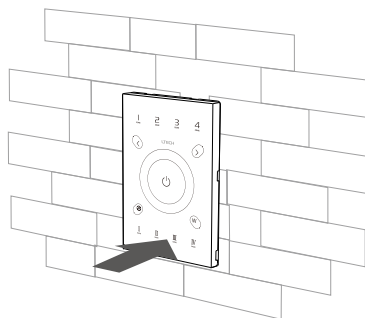
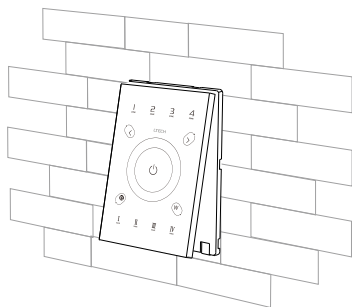


4 连接线路: 按正确方式连线，将电源适配器放入底盒内



按键功能

5 装面板：将玻璃面板的上部卡入底板，然后轻按下方，压入卡位。



变化模式 (按 切换):

- | | | | |
|---------|----------|----------|----------|
| 1. 静态红色 | 2. 静态绿色 | 3. 静态蓝色 | 4. 静态黄色 |
| 5. 静态紫色 | 6. 静态青色 | 7. 静态白色 | 8. 三色跳变 |
| 9. 七彩跳变 | 10. 三色渐变 | 11. 七彩渐变 | 12. 静态黑色 |

应用组合

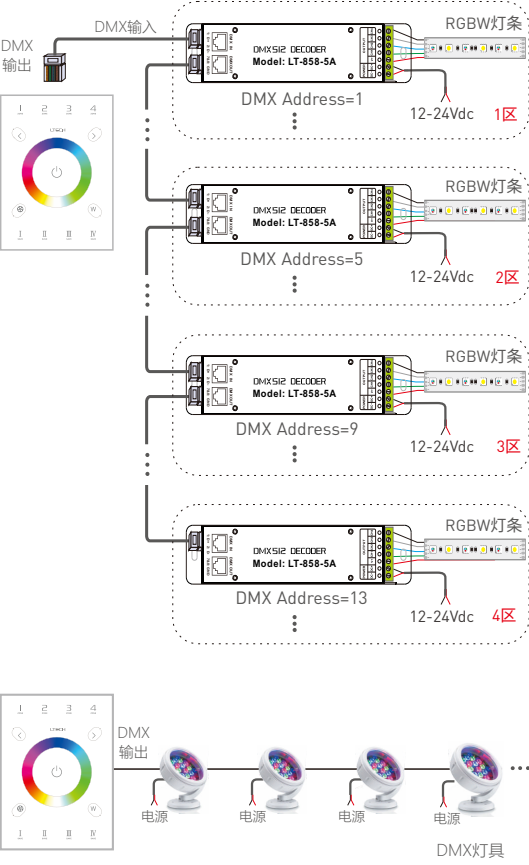
输出DMX512信号:

- 1、 触摸面板 (UX8)
- 2、 触摸面板 (UX8) +  无线遥控 (V8)
- 3、 触摸面板 (UX8) +  WiFi主控 (WiFi-104)
- 4、 触摸面板 (UX8) +  WiFi主控 (WiFi-104) +  无线遥控 (V8)

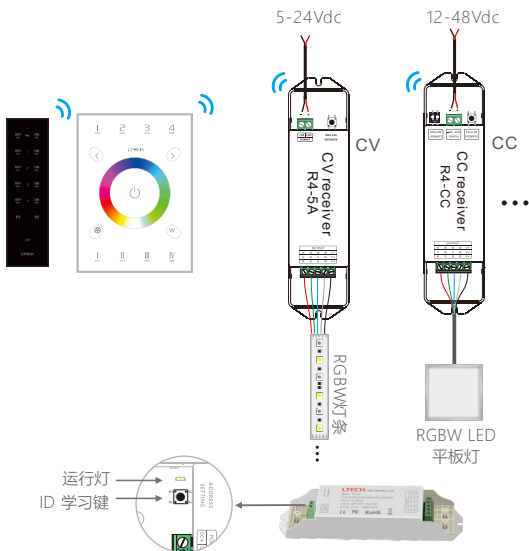
无线控制方式:

- 1、 触摸面板 (UX8) +  无线接收器 (R4-3A/5A, R4-CC)
- 2、 触摸面板 (UX8) +  无线遥控 (V8) +  无线接收器 (R4-3A/5A, R4-CC)
- 3、 触摸面板 (UX8) +  WiFi主控 (WiFi-104) +  无线接收器 (R4-3A/5A, R4-CC)
- 4、 触摸面板 (UX8) +  WiFi主控 (WiFi-104) +  无线遥控 (V8) +  无线接收器 (R4-3A/5A, R4-CC)

DMX输出连接



Rf无线连接



UX8(或V8)与接收器的对码与清码

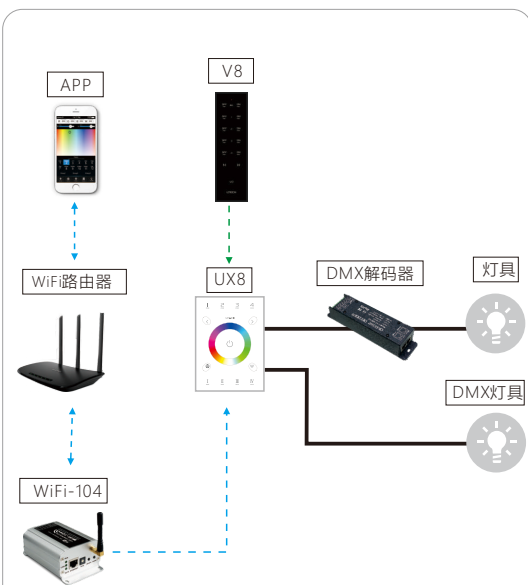
对 码：

短按一下接收器(R4-3A/5A,R4-CC)上的ID学习键, 再按触摸面板UX8(或V8)上的任一分区键, 灯具闪烁1次, 对码成功。

清 码：

长按接收器(R4-3A/5A,R4-CC)ID学习键5秒, 灯具闪烁2次, 清码成功。

DMX系统连接图

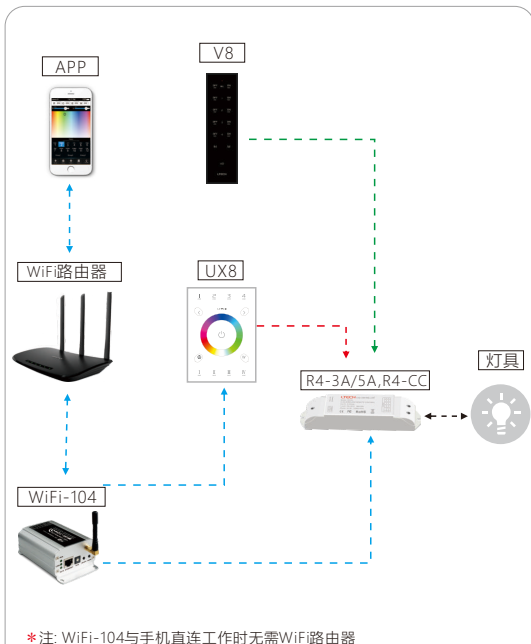


* 注: WiFi-104与手机直连工作时无需WiFi路由器

对码学习顺序

- 1、WiFi-104与UX8学习, 实现手机通过WiFi-104对DMX设备的控制;
- 2、V8与UX8学习, 实现V8对DMX设备的控制。

无线系统连接图

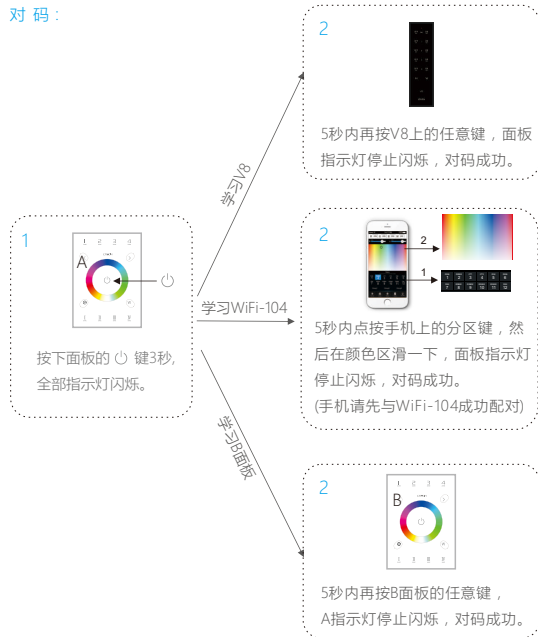


对码学习顺序

- 1、Wi-Fi-104与UX8学习;
- 2、UX8与R4-3A/5A, R4-CC学习;
- 3、V8与R4-3A/5A, R4-CC学习。

面板与遥控、WiFi主控、面板 对码与清码方法

对 码 :



清 码 :

