

# LTECH

## Smart Scene Panel

( Bluetooth + Programming )



Manual

[www.ltech-led.com](http://www.ltech-led.com)



RoHS

FCC ID:2AYCYUB8

# Product Introduction

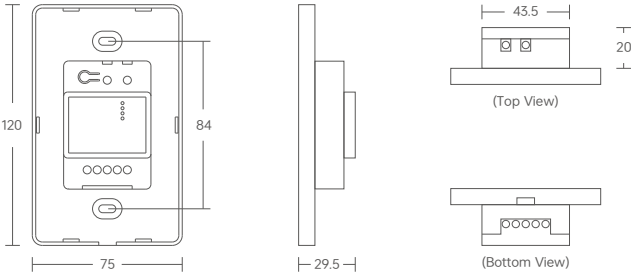
The Smart Scene Panel is an American-style wall-mounted scene panel that uses the Bluetooth 5.0 SIG Mesh wireless protocol. It features a CNC aerospace aluminum frame and 2.5D tempered glass, offering a simple and stylish appearance. Designed for multi-scenario control environments, it enables quick activation of pre-set lighting scenes to meet the needs of the current environment.

## Parameters

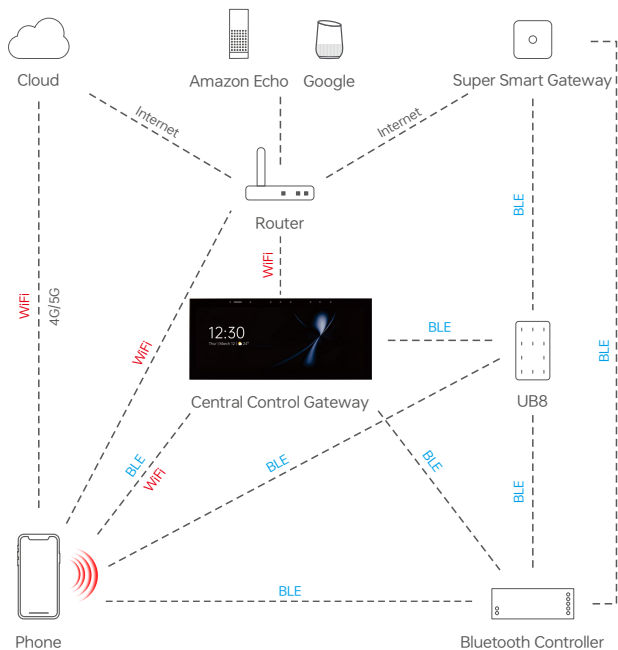
Model	UB8
Input Voltage	12-24VDC , Powered by Class 2 Power Supply
Wireless Type	Bluetooth 5.0 SIG Mesh
Compatible Devices	B5-3A, Bluetooth Driver, Bluetooth Controller
Number of Scene	8
Working Temperature	-25°C~50°C
Product Dimensions	L120×W75×H30(mm)
Package Dimensions	L158×W113×H62(mm)
Weight (Gross Weight)	225g

## Product Dimensions

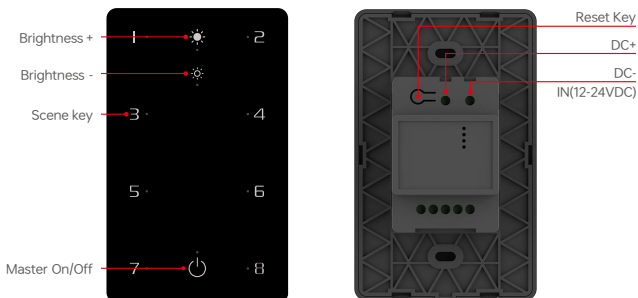
Unit: mm



# Bluetooth Application System Diagram



# Function Description



## Scene Key:

Short press to select and execute a scene (local scenes/DALI scenes need to be bound via the L-Home APP).

## Brightness Key:

Short press/long press to adjust the brightness ( $\pm$ ) of the currently selected scene, with a total of 10 brightness levels; supports setting the brightness adjustment mode ("Differential Brightness Adjustment" and "Uniform Brightness Adjustment") in the L-Home APP.

## Master On/Off:

Short press to turn on/off the lights of the currently selected scene.

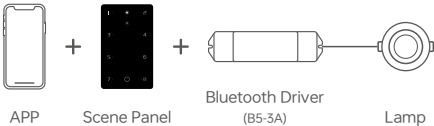
\* Currently, only the B5-3A model driver supports the brightness key and master on/off functions.

## Reset Key:

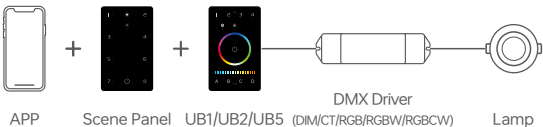
Press and hold the reset key for 6 seconds until all panel indicator lights flash and turn off, confirming the restoration of factory settings.

# Recommended Applications

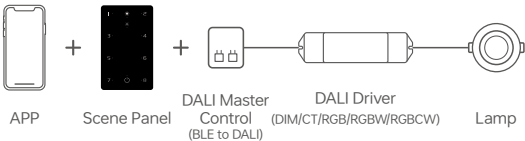
## 1. Wireless Controlled Lighting Fixtures.



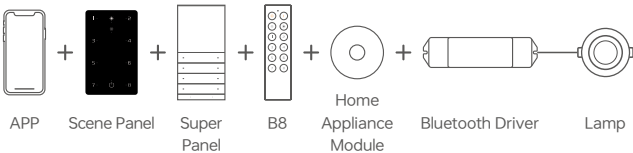
## 2. Wireless + Bluetooth Local Scenarios to Enrich Diverse Lighting Applications.



## 3. Wireless + DALI Scenarios, Catering to Different Usage Scenarios.

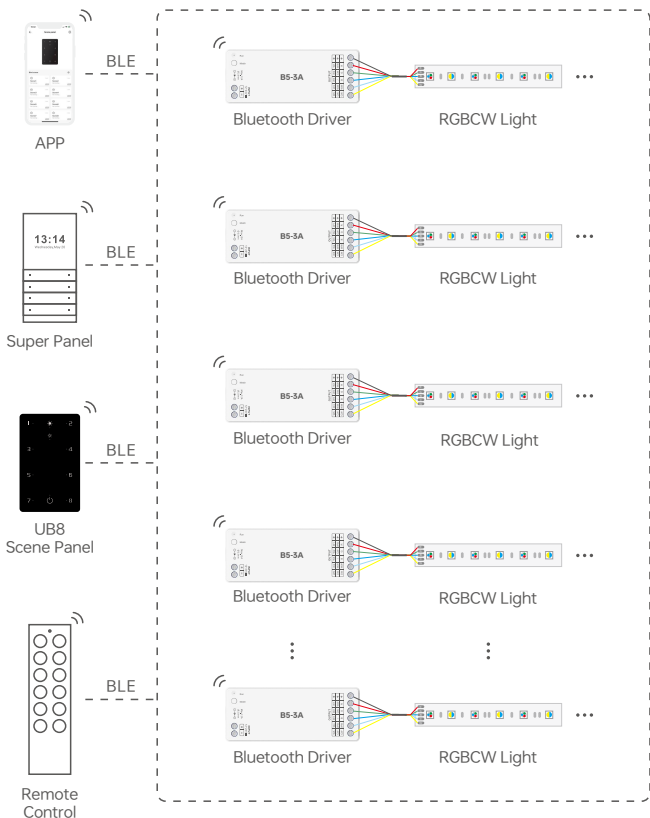


## 4. Visual Control + Traditional Dimming Panel Remote Control.



## 5. More Application Combinations Await Your Setup.

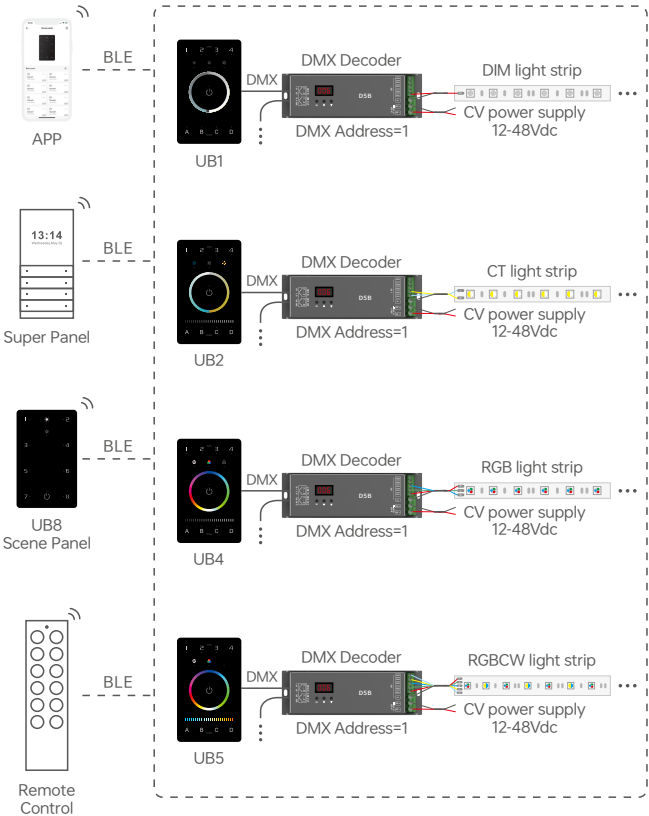
# Bluetooth Application Diagram



\* For a better product experience, it is not recommended to use the wired DMX output of the panel and the wireless Bluetooth driver simultaneously.

\* Please try to avoid placing wireless drivers next to large-area metal objects or in spaces with many metal media to prevent signal interference from affecting usage.

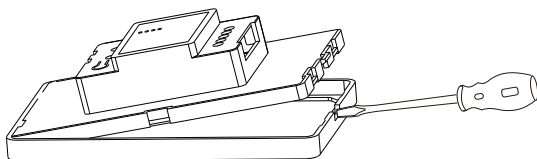
# DMX Application Diagram



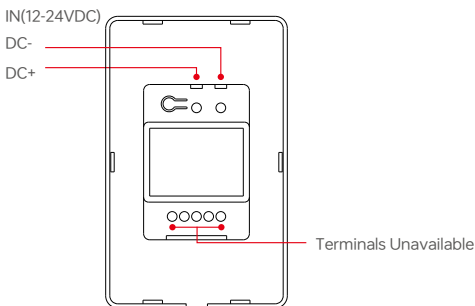
\* Please try to avoid placing wireless drivers next to large-area metal objects or in spaces with many metal media to prevent signal interference from affecting usage.

# Installation Instructions

① Turn off the main power switch and make sure there is no mud or other attachments on the inner wall of the junction box. Reduce the length of the power cord in the junction box to about 10CM and use a flat-blade screwdriver to pry open the bottom box of the scene panel.

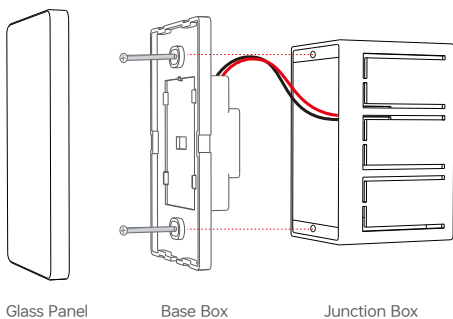


② Ensure the DC power supply output voltage is between 12-24VDC. Connect the positive power cord to the "DC+" terminal of the device and the negative cord to the "DC-" terminal. Verify that the power cords make good contact with the terminals and that no copper wires are exposed.

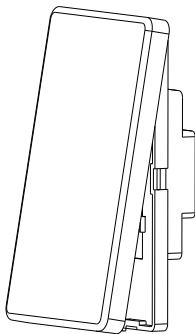




- ③ Secure the base box to the wall junction box with screws, ensuring it fits flush against the wall.



- ④ Tilt the glass panel and snap it onto the base box, then turn on the main power switch.



# App Operating Instructions

## 1. Register an account

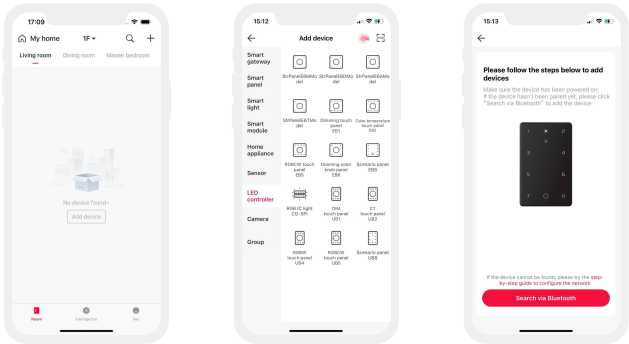
Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.



Scan the QR code to  
download

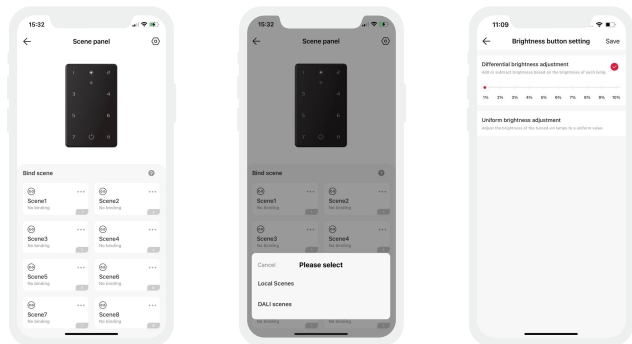
## 2. Configure

After a new user creates a family on the APP, click "+" in the upper right corner of the 【Room】 interface to add a device. Select "LED Controller" in the list of added devices and follow the on-screen prompts to complete the addition.



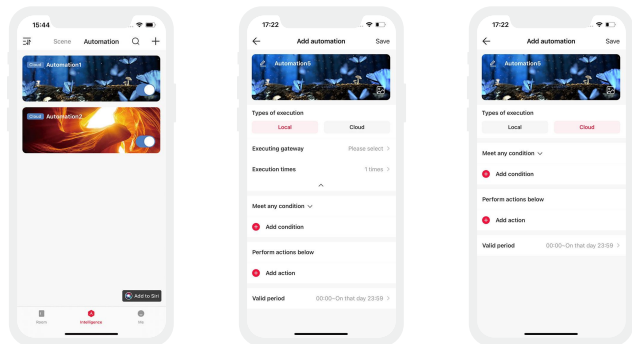
### 3.Scene Binding & Brightness Key Setting

In the [Room] interface, click the Scene Panel to enter the [Control] interface, and click the card to bind/unbind the scene. In the [Control] interface, click "⊗" to enter the [Settings] interface. Click "Brightness Key Setting" to set the differential brightness adjustment and the unified brightness adjustment.



### 4.Automation

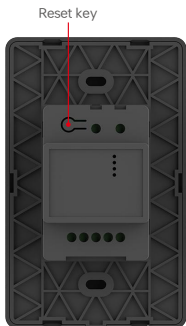
Ensure the family has added a smart gateway (e.g., Super Panel 12S). On the [Smart] page, select "Automation" and click "+" to create automation. Choose local/cloud execution mode, set trigger conditions and actions. Triggered conditions auto-launch device actions for remote linkage.



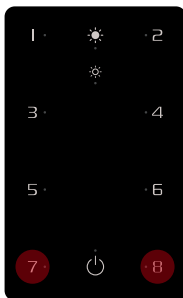
# Factory Reset

Method 1: Long-press the reset key for 6 seconds until all indicator lights on the panel flash and then go out, which means the factory settings have been restored.

Method 2: Long-press buttons "7" and "8" at the same time until the panel indicator lights flash and then go out, indicating that the factory settings have been restored.

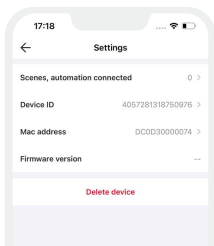


(Method 1)



(Method 2)

Method 3: Ensure the panel is powered on and online. Open the L-Home APP, locate the panel and enter its settings page. Click the "Delete Device" button. When the interface prompts "Deletion successful", it indicates that the factory settings have been restored.



# Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules.

**Operation is subject to the following two conditions:**

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

# Warranty Agreement

- Warranty periods from the date of delivery : 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.

2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

\* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.



[www.ltech-led.com](http://www.ltech-led.com)

# LTECH

## 智能情景面板

( 蓝牙+编程 )



使用说明书

[www.ltech.cn](http://www.ltech.cn)



RoHS

FCC ID: 2AYCYUB8

# 产品介绍

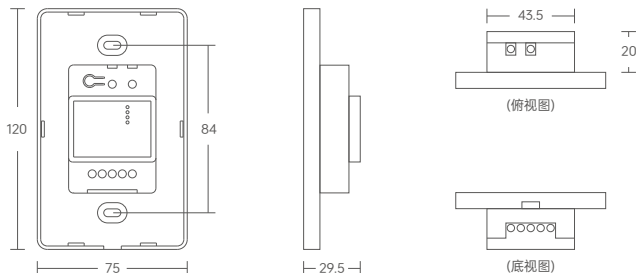
UB8是一款采用蓝牙 5.0 SIG Mesh无线协议的美式墙壁触控情景面板。采用 CNC航空铝边框，2.5D钢化玻璃，外观简约时尚。应用于多场景操控的环境，可以快速的调出预设灯光场景，来满足当前环境的需要。

## 规格参数

型号	UB8
输入电压	12-24VDC，Class2 电源供电
无线类型	蓝牙5.0 SIG Mesh
可搭配设备	B5-3A、蓝牙驱动、蓝牙控制器
场景数量	8
工作温度	-25°C~50°C
产品尺寸	L120×W75×H30(mm)
包装尺寸	L158×W113×H62(mm)
重量(毛重)	225g

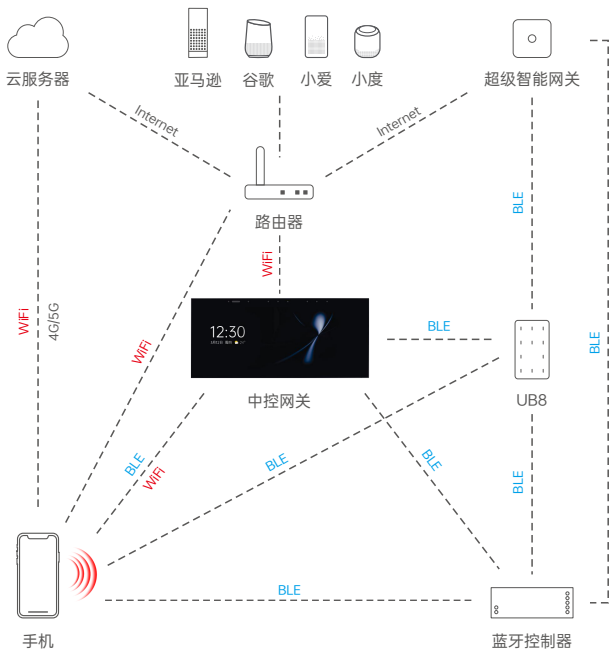
## 产品尺寸

单位: mm

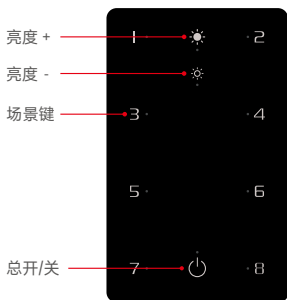




# 蓝牙应用系统图



# 功能说明



场景键:

短按选中并执行场景（需通过 L-Home APP 绑定本地场景/DALI场景）。

亮度键:

短按/长按亮度±调节当前选中的场景亮度，共10级亮度；

支持在L-Home APP设置调节亮度方式（“差异调节亮度”和“统一调节亮度”）。

总开/关:

短按开启/关闭当前选中的场景灯光。

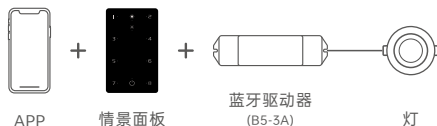
\* 目前仅B5-3A型号驱动支持亮度键与总开/关功能。

复位键:

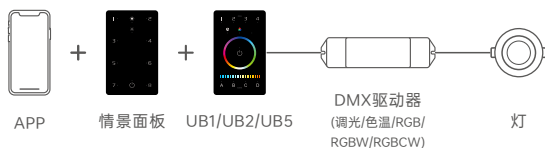
长按复位键6秒，直至面板所有指示灯闪烁后熄灭，即表示已恢复到出厂设置。

# 推荐应用搭配

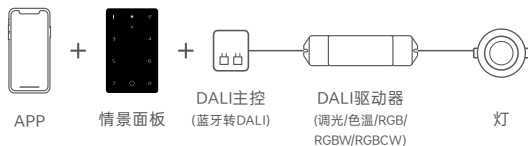
## 1.无线控制灯具。



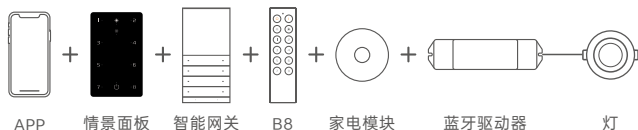
## 2.无线+蓝牙本地场景，丰富不同灯光应用。



## 3.无线+DALI场景，满足不同使用场景。

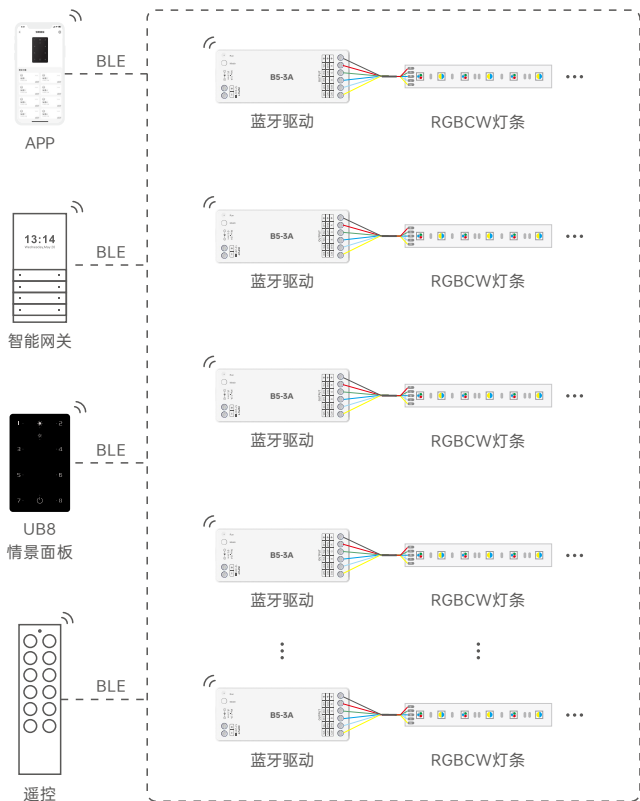


## 4.可视化控制+传统调光面板遥控控制。



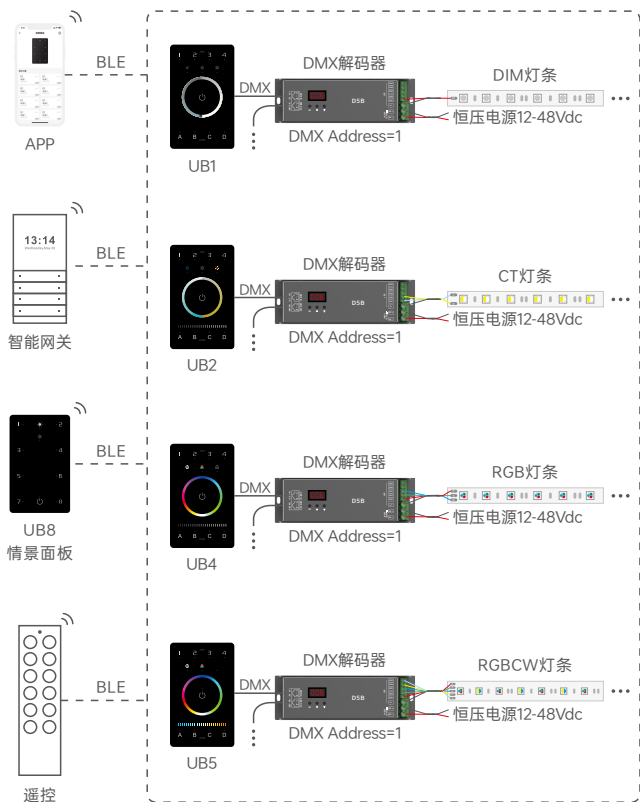
## 5...智能控制，更多应用搭配等您来设置。

# 蓝牙应用示意图



- \* 为了更好的产品体验，不建议同时使用面板的有线DMX输出和无线蓝牙驱动。
- \* 请尽量避免无线驱动器放置在大量金属物体旁或在较多金属介质的空间上使用，以免信号受到干扰影响使用。

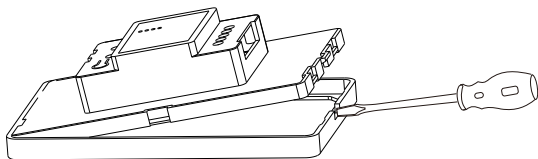
# DMX应用示意图



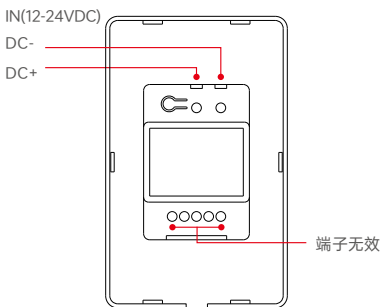
\* 请尽量避免无线驱动器放置在大面积金属物体旁或在较多金属介质的空间上使用，以免信号受到干扰影响使用。

## 安装方法

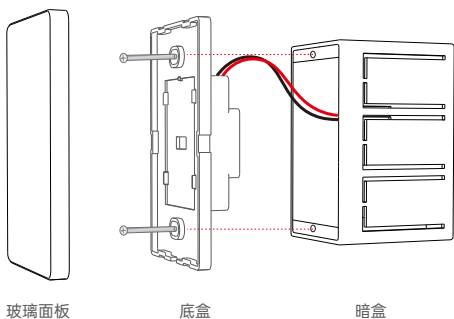
- ① 关闭电源总闸，并确认暗盒内壁无水泥等附着物，将暗盒内的电源线长度修减至0CM左右，使用一字螺丝刀撬开情景面板底盒。



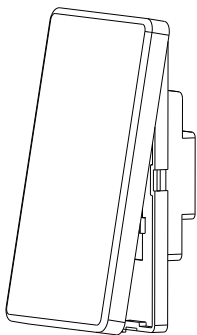
- ② 确认直流电源输出电压在 12 - 24VDC之间，将电源正极线接入设备“DC+”端，负极线接入“DC-”端，确认电源线与接线柱接触良好，无裸露的铜线。



- ③ 用螺丝将底盒固定到墙壁暗盒中，使底盒贴合墙面。



- ④ 倾斜玻璃面板并扣合在底盒上，开启电源总闸。



## APP操作说明

## 1. 账号注册

通过手机扫描下载二维码，按提示安装APP后即可进行登录/注册操作。



扫码下载APP  
iOS/Android

## 2. 配网操作

新用户在APP上创建家庭后，在【房间】界面点击右上角“+”进行添加，在添加设备列表中选择“LED控制器”后，按照界面提示完成添加即可。





### 3.场景绑定&亮度键设置

在【房间】界面，点击情景面板进入【控制】界面，单击卡片绑定/取消绑定场景。

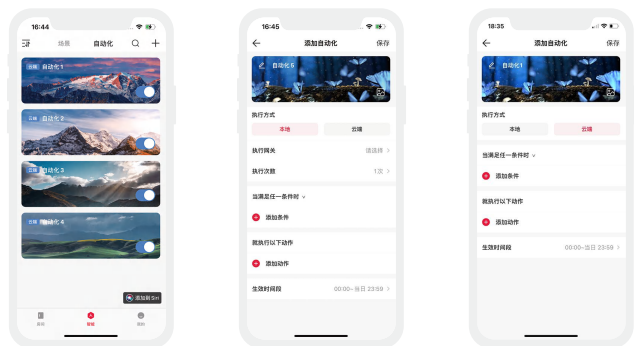
在【控制】界面，点击“⊕”进入【设置】界面，点击“亮度键设置”可设置差异化调节亮度和统一调节亮度。



### 4.自动化

确保家庭内已添加智能网关，如超级面板12S。

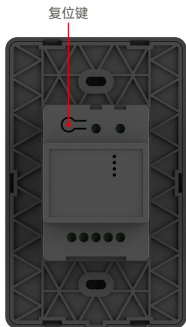
在【智能】界面选择“自动化”，点击“+”创建自动化，可选择本地/云端执行方式、触发条件和执行动作。当满足已设置的触发条件时，自动触发一系列设备动作，实现联动。



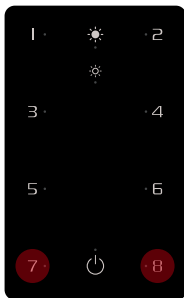
# 恢复出厂

方法一：长按复位键6秒，直至面板所有指示灯闪烁后熄灭，即表示已恢复到出厂设置。

方法二：同时长按按键“7”和“8”，直到面板指示灯闪烁后熄灭，即表示已恢复到出厂设置。



(方法一)



(方法二)

方法三：确保面板已接通电源且处于在线状态，打开L-Home APP，找到该面板并进入其设置页面，点击“删除设备”按钮。当界面提示“删除成功”时，即表示已恢复到出厂设置。



# 注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特产品（专有型号除外）不能防水防雷，需避免日晒雨淋，如安装在户外，请用防水箱和防雷装置。
- 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
- 请检查使用的工作电压是否符合产品的参数要求。
- 使用的电线直径大小必须能足够负载连接的 LED 灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确。
- 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

# 保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题雷特科技将给予免费修理或更换服务。

非保修条例：

属下列情况不在免费保修或更换服务范围之内：

- 已经超出保修服务期；
- 过高电压、超负载、操作不当等人为造成的损坏；
- 产品外形严重损坏或变形；
- 自然灾害以及人力不可抗拒原因造成的损坏；
- 产品保修标签和产品唯一条形码损坏；
- 无雷特科技签订的合同或发票凭证。

1. 修理或更换是雷特科技对客户唯一补救措施。雷特科技不承担任何附带引起的损害赔偿，除非在适用法律范围之内。

2. 雷特科技享有修正或调整本保修条款的权利，并以书面形式发布为准。

\* 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。如有疑问，欢迎向我司授权的经销商咨询。

警告：未经合规责任方明确批准的对本单元的更改或修改可能使用户操作设备的权力无效。

这个装置符合 FCC规定的第15部分。

操作受以下两个条件制约：

- (1)本装置不能引起有害干扰；
- (2)本装置必须接受所接收的任何干扰，包括可能引起不希望操作的干扰。



[www.ltech.cn](http://www.ltech.cn)