LED CONTROLLER

Scenario Panel

EB8

Manual

Product Introduction

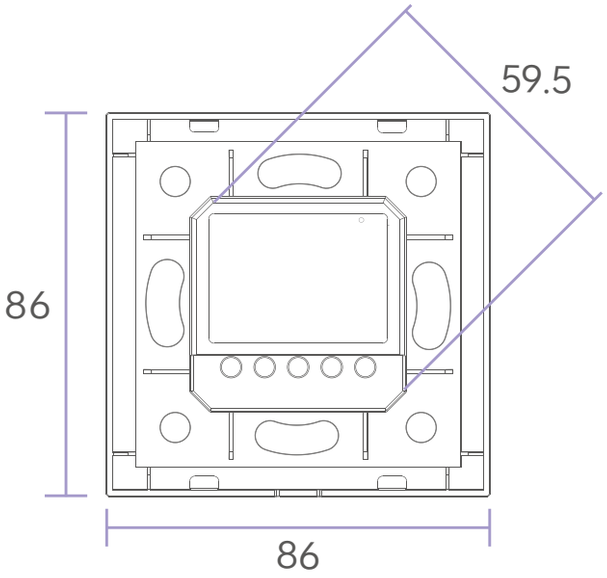
- It adopts the Bluetooth 5.2 SIG Mesh wireless protocol control mode, making engineering applications more flexible and convenient.
- After triggering a scene, the panel brightness key can be used to temporarily adjust the brightness of the scene.
- The EB8 scene panel supports binding cloud scenes, local scenes, and DALI scene control.
- The brightness key can set two ways to adjust scene lighting: "unified brightness adjustment" and "differential brightness adjustment".
- It has the function of a total on/off switch for scene lamps.
- With a smart gateway, it can achieve rich cloud scene, cloud automation, and local automation control methods.
- It supports local scenes, operates without a gateway, and remains controllable during network outages, offering faster and more stable performance.
- It is compatible with European standard back boxes and Chinese national standard 86 back boxes, adapting to more usage scenarios.

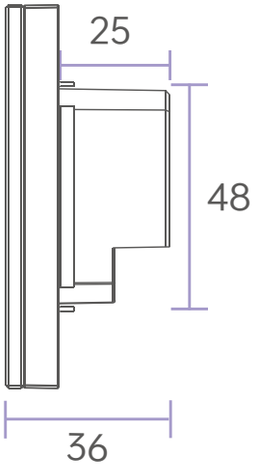
Specification Parameters

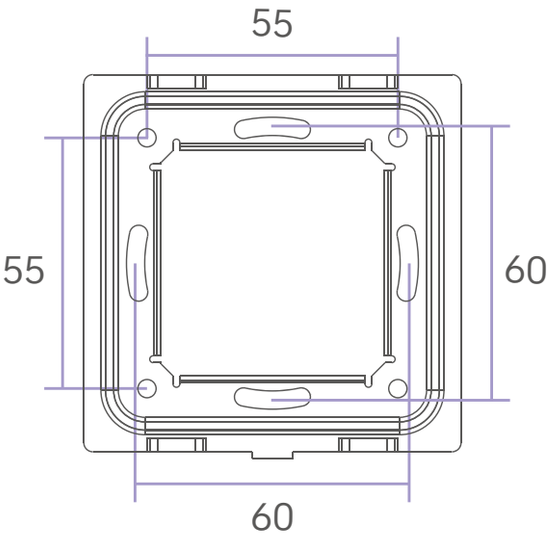
Model	EB8
Output Voltage	100-240V~
Wireless Type	Bluetooth 5.2 SIG Mesh
Compatible Driver	B5-3A, Bluetooth drivers and Bluetooth controllers
Number of Scenes	8 scenes
Working Temperature	-25°C~50°C
Dimensions	86×86×36mm (L×W×H)
Package Size	113×112×50mm (L×W×H)
Product Weight	225g

Product Size

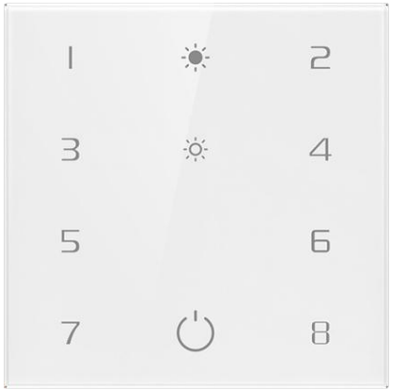
Unit: mm



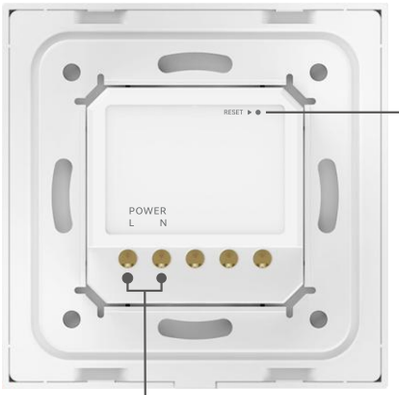




Product Illustration



Front view

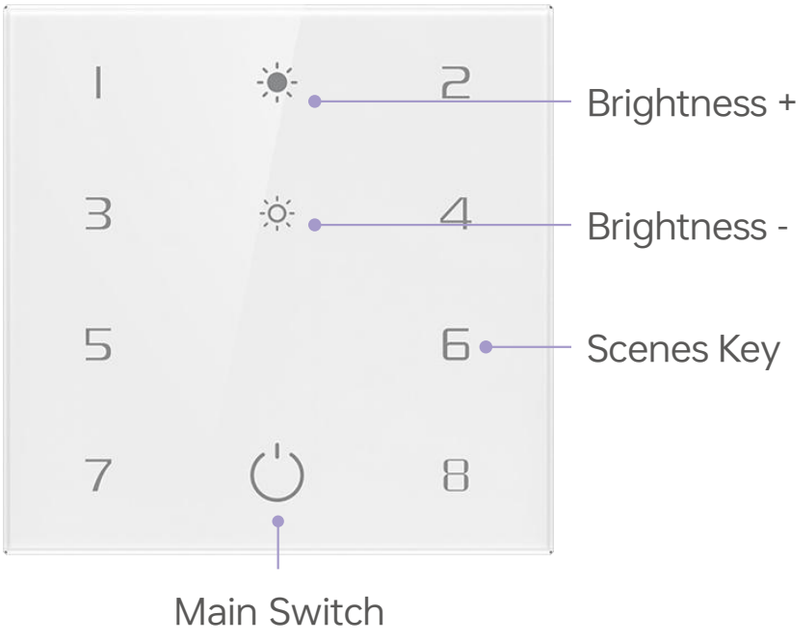


Reset key

100 - 240V~ Power Input

Factory Reset: Use a SIM ejector pin to press and hold the reset key on the back of the panel for 6 seconds until all the indicator lights on the panel flash and then turn off, indicating that the factory settings have been restored.

Panel Button Instructions



Scenes Key: Clicking the scene key triggers a scene, which requires binding local scenes/DALI scenes through the L-Home APP.

Brightness Key: Click or long-press the brightness ± to adjust the brightness of the current scene, with a total of 10 brightness levels; supports setting the brightness adjustment mode in the L-Home APP, including two modes: "Differential Brightness Adjustment" and "Unified Brightness Adjustment".

Main Switch: Click to turn on/off the lights of all triggered scenes.

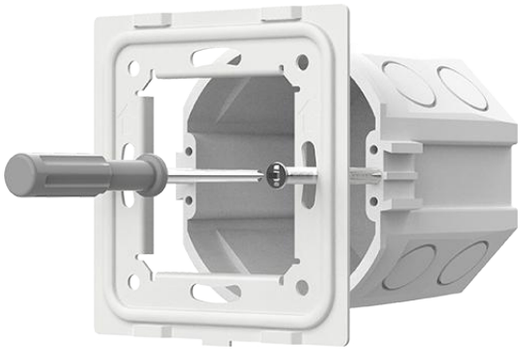
*The functions of the brightness key and the total on/off key are only supported by the B5-3A model driver.

Installation Steps

① Turn off the main power switch. Make sure there is no cement or other attachments on the inner wall of the 86 flush-mounted box. Trim the length of the power cord in the box to about 10CM. Use a flat-head screwdriver to pry open the bottom box of the scenario panel.

② Connect the live wire to the L interface of the scenario panel and the neutral wire to the N interface. Ensure that the power cord makes good contact with the switch terminals and that there are no exposed copper wires.

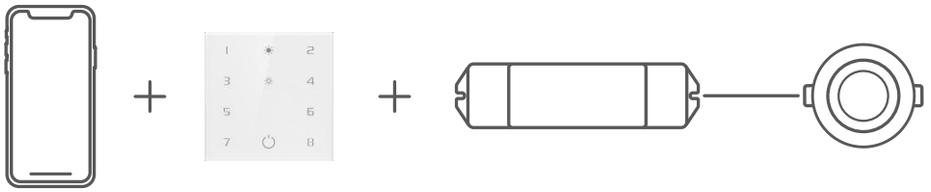
③ Fix the bottom box to the wall flush-mounted box with screws, making the bottom box fit tightly against the wall.



④ Tilt the panel and snap it onto the bottom box. Turn on the main power switch.

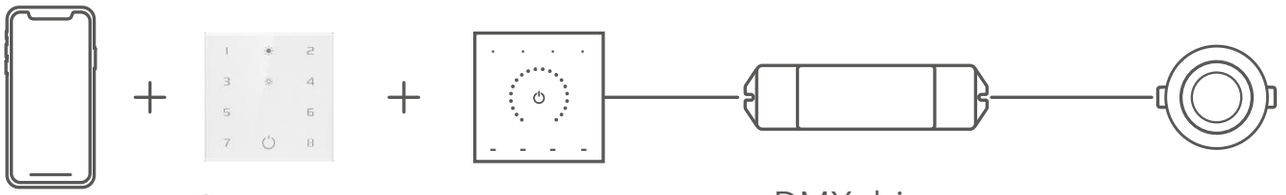
Recommended Application Combinations

① Wireless - controlled lighting fixtures.



APP　Scenario panel　BLE driver (B5-3A)　Lamp

② Wireless + Bluetooth local scenes to enrich different lighting applications.



APP　Scenario panel　EB/1/EB2/EB5　DMX driver (DIM/CT/RGB/RGBW/RGBCW)　Lamp

③ Wireless + DALI scenes meet different usage scenarios.

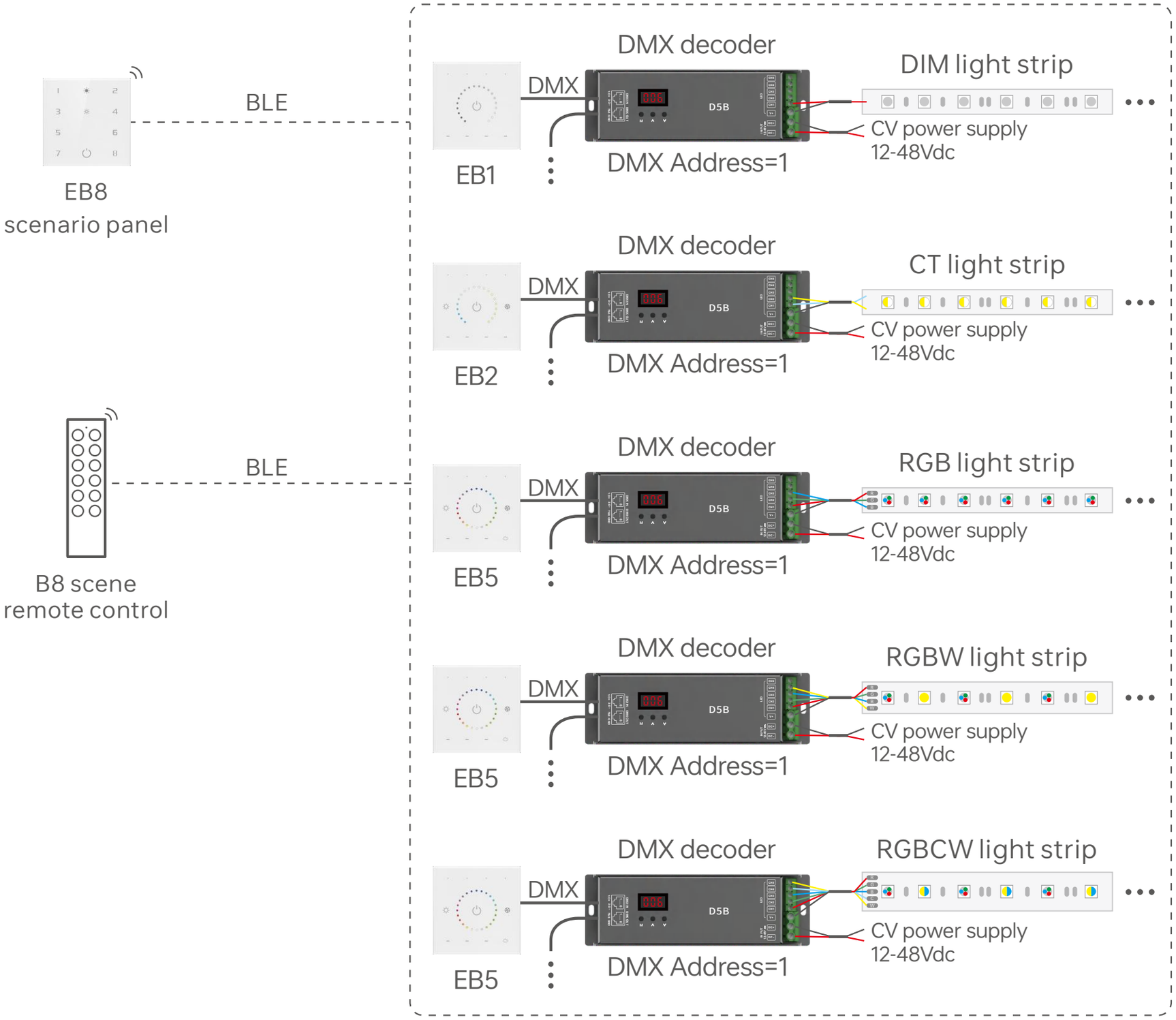
APP　Scenario panel　DALI Master Controller (BLE to DALI)　DALI driver (DIM/CT/RGB/RGBW/RGBCW)　Lamp

④ Visual control + traditional dimming panel remote control.

APP　Scenario panel　Super panel　B8　Wireless switch　Home appliance module　BLE driver (B5-3A)　Lamp

⑤ More applications of intelligent control are waiting for you to set up.

Bluetooth Application Schematic Diagram



* Please try to avoid placing the wireless drive next to large metal objects or using it in a space with a lot of metallic media, so as not to have the signal interfered with and affect its usage.

For Use With The L - Home APP.

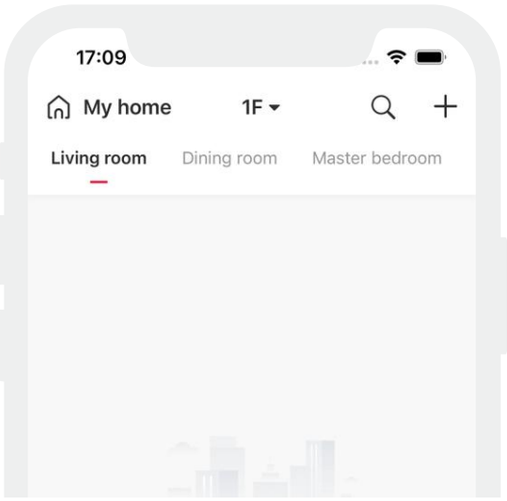
1. Register an account

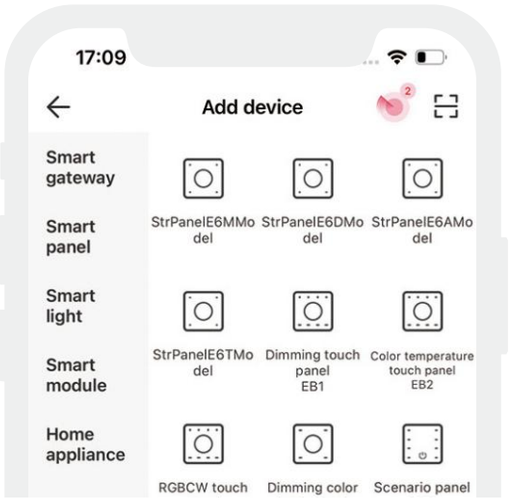
Scan the QR code below with your mobile phone. After completing the APP installation according to the prompts, you can proceed with the login/registration operation.

Scan the QR code to download the APP

2. Pairing operation

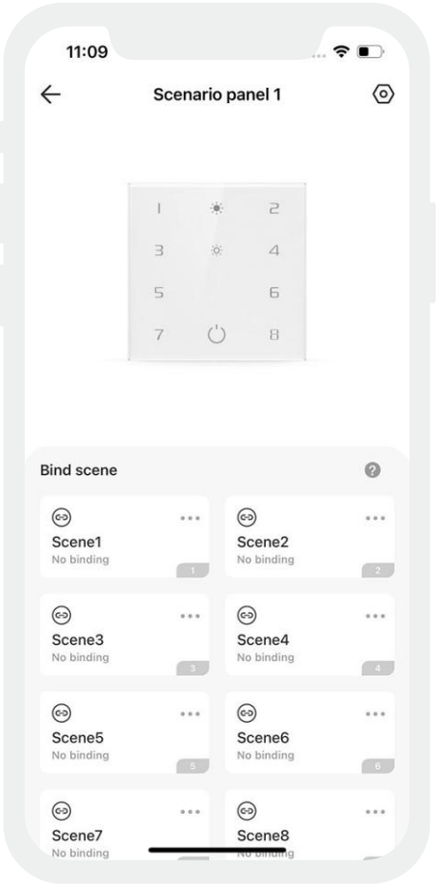
For new users, after creating a home on the APP, click the "+" icon in the upper right corner on the [Room] interface for addition. Select "LED Controller" from the device addition list, and follow the prompts on the installation interface to complete the addition.

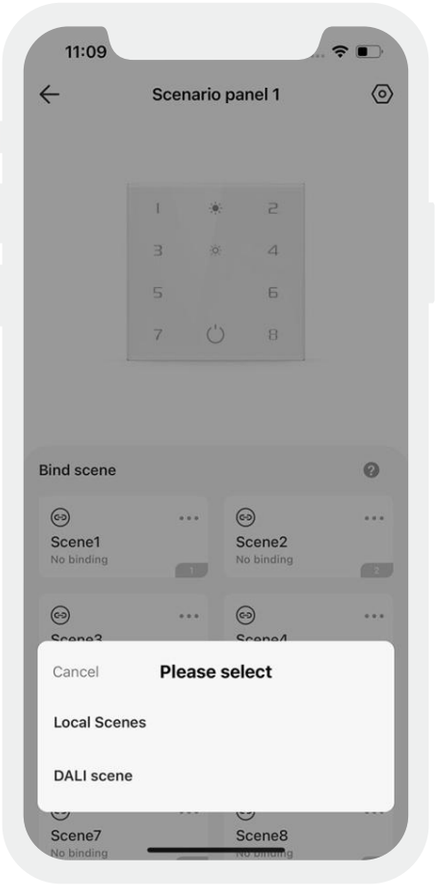


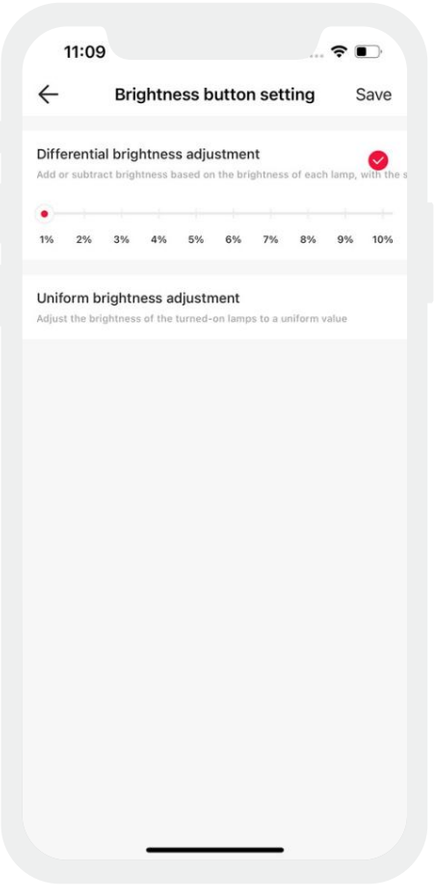


3. Scene binding & Brightness key settings

In the "Rooms" interface, click the added scene panel to enter the [Control] interface.
Scene Binding: Click the card to bind/unbind a scene.
In the [Control] interface, click the " ⬡ " button to enter the [Settings] interface.
Click "Brightness Key Settings" to configure differential brightness adjustment or unified brightness adjustment.







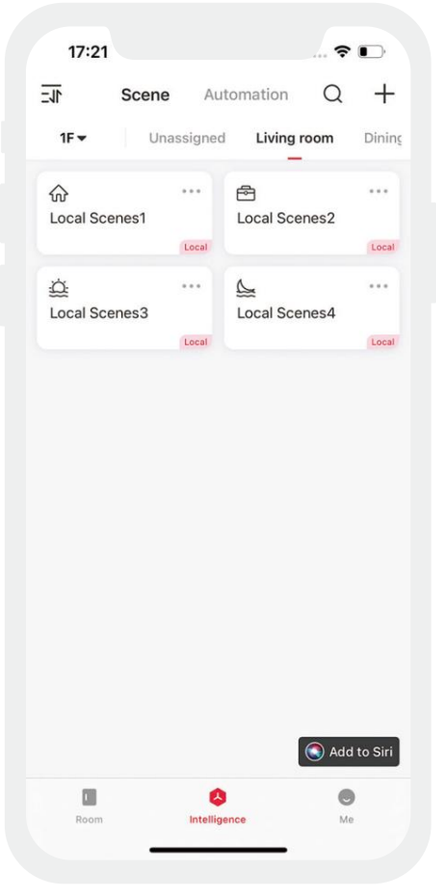
4. Local scene

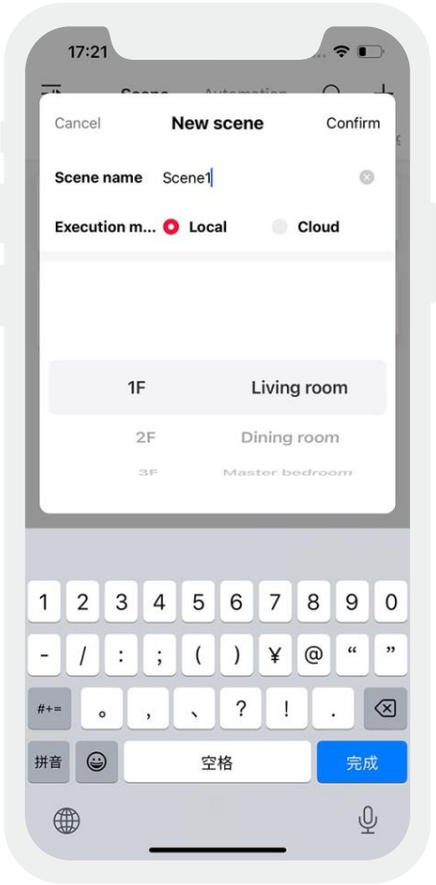
Create a local scene:

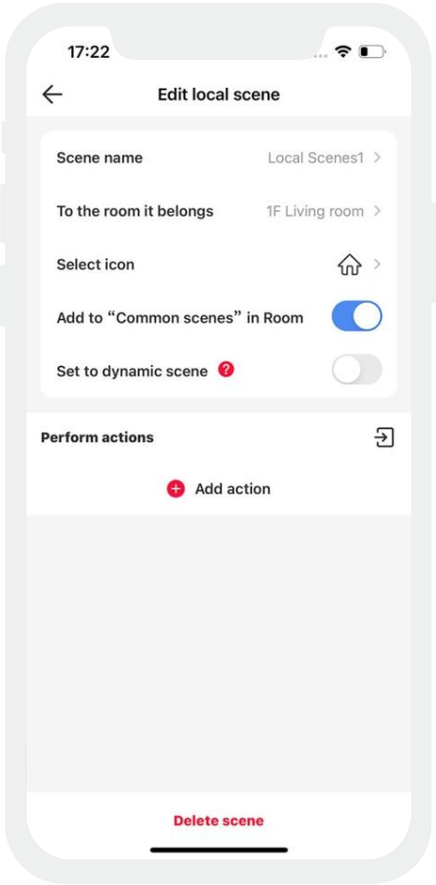
Switch to the 【Smart】 page, click "+" in the upper right corner to create a local scene, and after setting the execution action, you can realize the local linkage of Bluetooth devices.

Binding local scenes:

On the control details page, click on the corresponding key, and set the binding scene. Once saved successfully, a short press of the button will immediately execute the bound scene.







5. Cloud scenes and automation

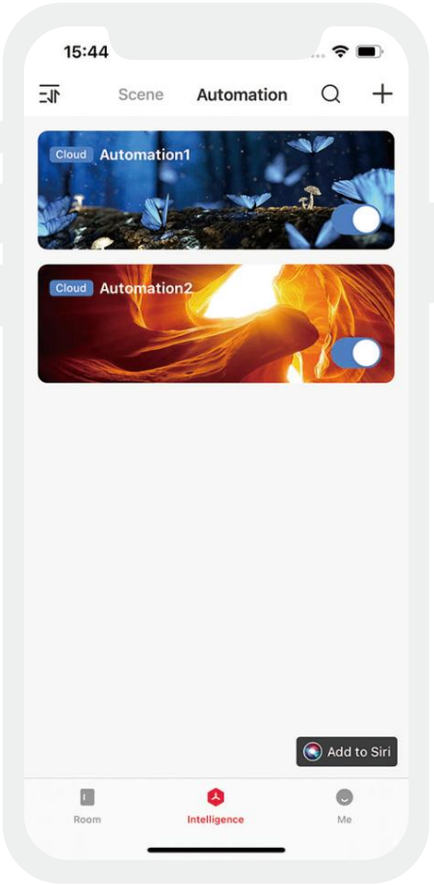
Make sure that a smart gateway, such as Super Panel 12S, has been added to the family.

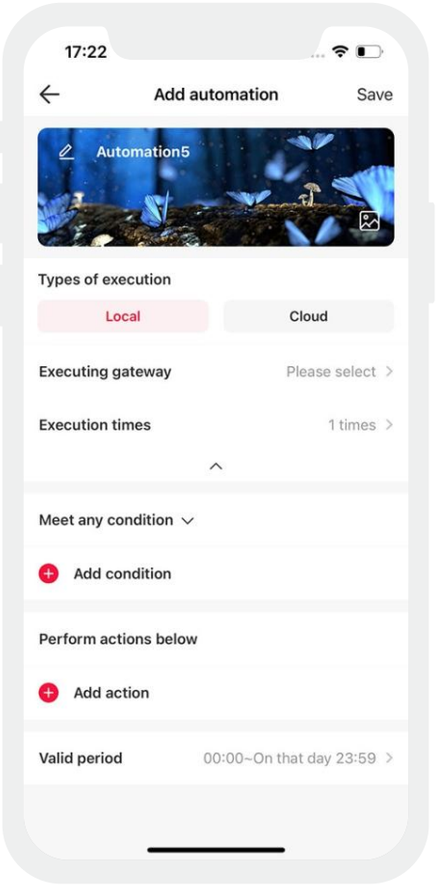
Cloud scenes:

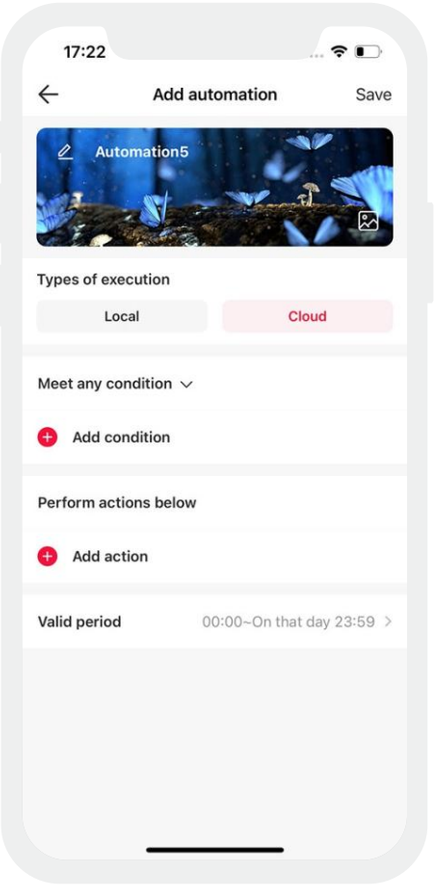
Switch to the【Smart】interface and click “+” to create a cloud scene. After setting the execution action, remote linkage can be achieved.

Automation:

Select “Automation” in the【Smart】page and click “+” to create automation. You can choose local/cloud execution mode,and set trigger conditions and execution actions. When the set trigger conditions are met, a series of device actions are automatically triggered to achieve remote linkage.







Restore To Factory Settings

Method 1: After the EB8 scenario panel is connected to power, use a SIM - card - eject tool to long - press the reset key on the back of the panel for 6 seconds (see Figure 1). When all the indicator lights on the panel flash and then go out, it indicates that the factory settings have been restored.

Method 2: First, make sure that the device is properly powered on and in an online state. Then, open the L - Home APP, find the device, and enter its settings page. Click the "Delete Device" button (see Figure 2). When the system prompts "Deletion successful", it means that the device has been successfully restored to its factory settings.

Figure 1

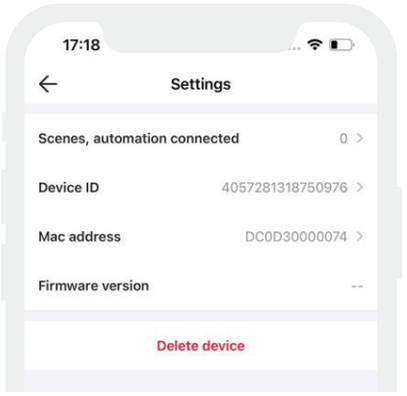


Figure 2

FAQs

1. What to do if the network configuration fails?

① Ensure that the device is powered on normally.

② Confirm that the device being added has not been added by another account. If it has been added, please manually restore the factory settings.

③ Ensure that the mobile phone and the device are as close as possible, preferably within 15 meters.

④ If the device has been forcibly deleted, please manually restore the factory settings and then add the device again.

2. How to remotely control the device?

When paired with our company's Smart gateway, the device can be remotely controlled via 4G/5G/WiFi on a mobile phone.

3. Why is there no response when operating the brightness key?

At present, the brightness key of the EB8 scene panel only supports Bluetooth local scenes composed entirely of B5-3A drivers. This function is not supported by other drivers.

Attentions

- Product installation and commissioning should be done by a qualified professional.
- Our company products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices .
- Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- Before you power on products, please make sure all the wiring is correct.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

Warranty Agreement

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

Warranty exclusions below:

Following conditions are not within the guarantee range of free repairing or replacement services:

- 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 or invoice signed by our company .

1. Repair or replacement provided is the only remedy for customers. Our company is not liable for any incidental or consequential damage unless it is within the law .
2. Our company has the right to amend or adjust the terms of this warranty. The warranty that issues in writting shall prevail.

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

LED 控制器

情景面板

EB8

使 用 说 明 书

产品介绍

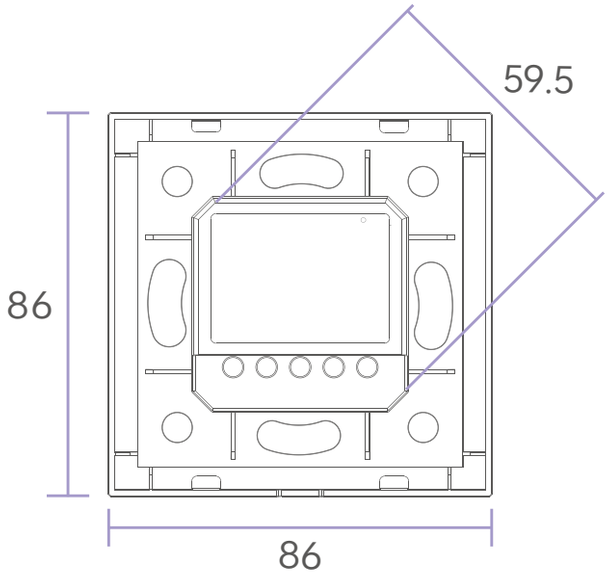
- 采用蓝牙 5.2 SIG Mesh 无线协议控制方式，工程应用更灵活方便;
- 触发场景后可通过面板亮度键给场景临时调节亮度;
- EB8情景面板支持绑定云场景、本地场景、DALI场景控制;
- 亮度键可以设置“统一调节亮度”和“差异调节亮度”两种调节场景灯光的方式;
- 带有场景灯具总开关的功能;
- 搭配智能网关可实现丰富的云场景、云自动化、本地自动化控制方式;
- 支持本地场景，去网关，断网可控，更快更稳定。
- 可适用欧规底盒与国标86底盒，兼容更多使用场景。

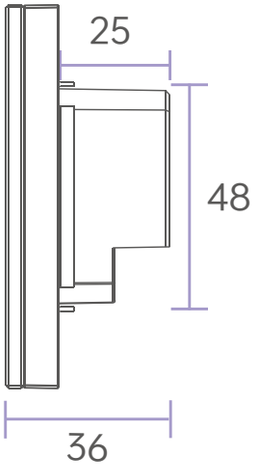
规格参数

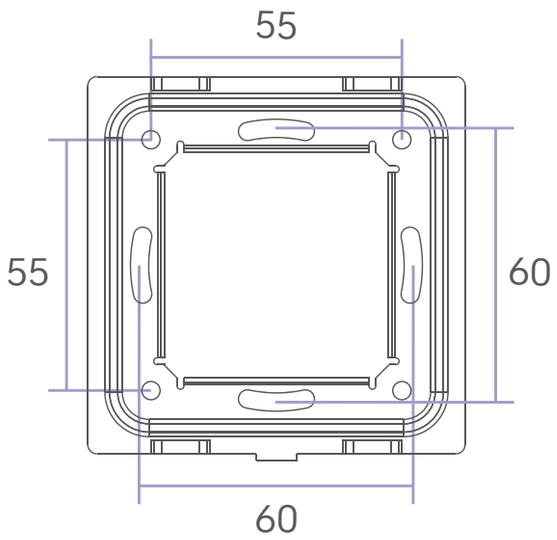
产品型号	EB8
输出电压	100-240V~
无线类型	Bluetooth 5.2 SIG Mesh
可搭配的驱动	B5-3A、蓝牙驱动及蓝牙控制器
场景数量	8个场景
工作温度	-25°C~50°C
产品尺寸	86×86×36mm (L×W×H)
包装尺寸	113×112×50mm (L×W×H)
产品重量	225g

产品尺寸

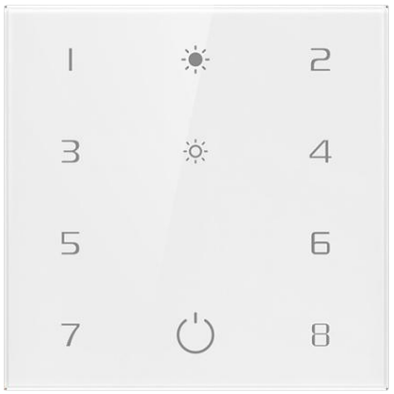
单位：mm



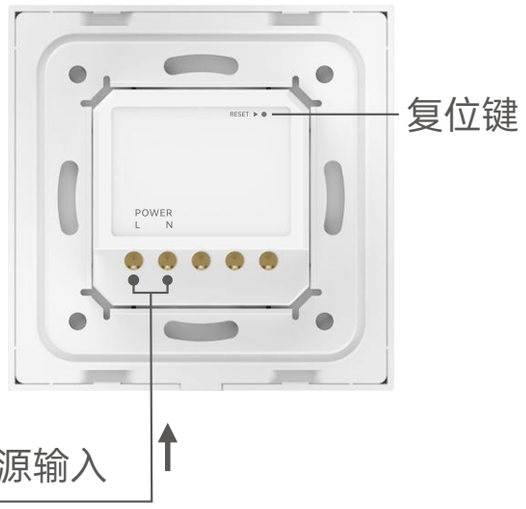




产品图示

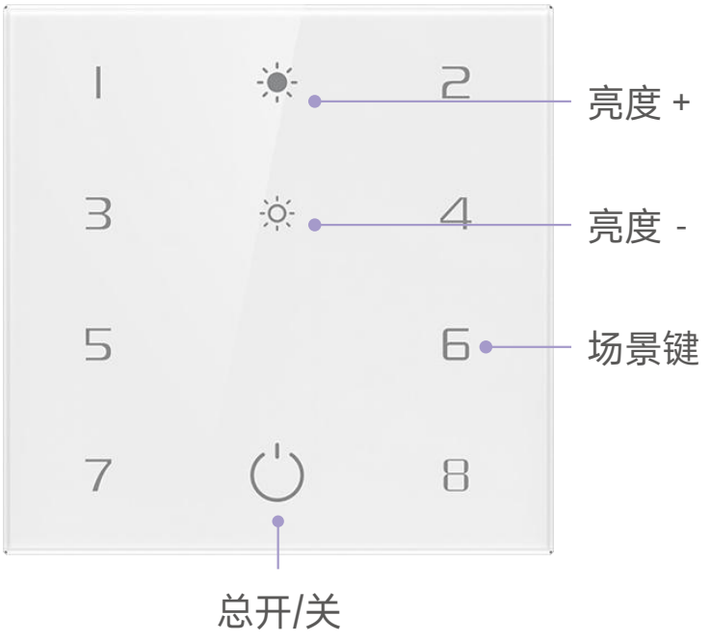


正面



恢复出厂：用取卡针长按面板背部复位键6秒，直至面板所有指示灯闪烁后熄灭，表示已恢复到出厂设置。

面板按键说明



场景键：场景键单击触发场景，需要通过 L-Home APP 绑定本地场景/DALI场景。

亮度键：单击/长按 亮度± 当前场景的亮度，共10级亮度；
支持在L-Home APP设置调节亮度方式，共有“差异调节亮度”和“统一调节亮度”两种方式。

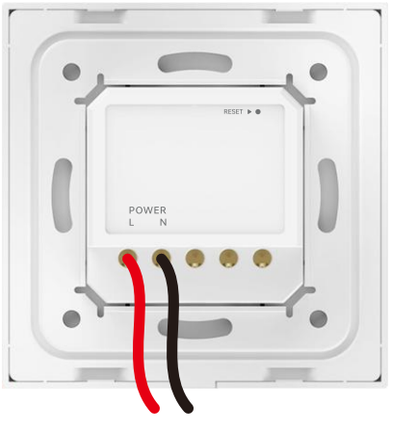
总开/关：单击开启/关闭 所有已触发场景的灯光。

＊亮度键与总开/关键功能仅支持B5-3A型号驱动。

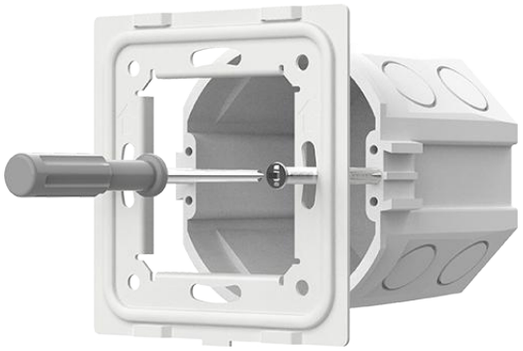
安装步骤

① 关闭电源总闸， 并确认86暗盒内壁无水泥等附着物， 将暗盒内的电源线长度修减至10CM左右， 使用一字螺丝刀撬开情景面板底盒。

② 将火线接入情景面板L接口， 零线接入N接口， 确认电源线与开关接线柱接触良好，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。



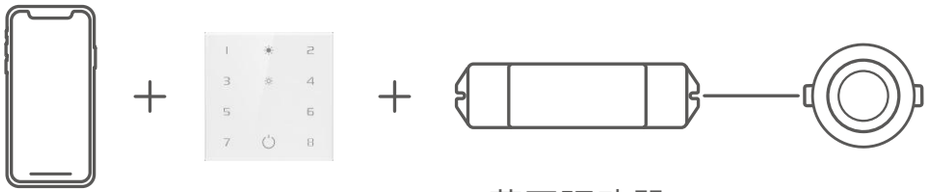
④ 倾斜面板并扣合在底盒上， 开启电源总闸。

第一步： 向下扣合

第二步： 底部扣合

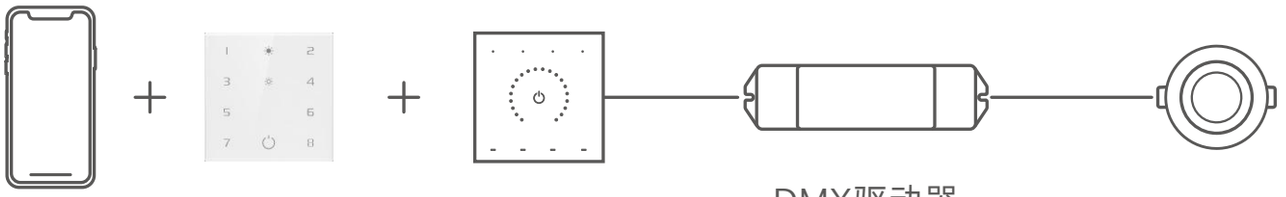
推荐应用搭配

① 无线控制灯具。



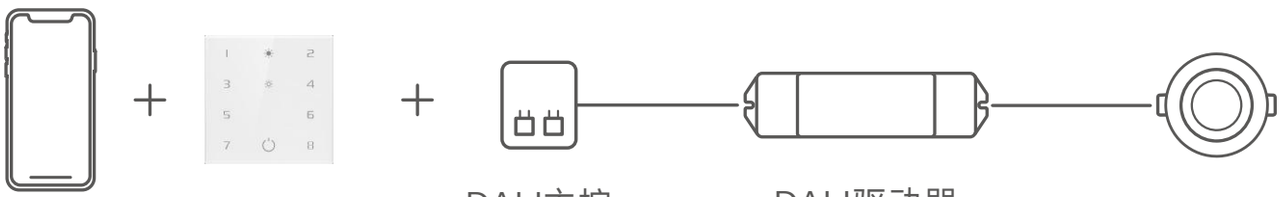
APP　　情景面板　　蓝牙驱动器 (B5-3A)　　灯

② 无线+蓝牙本地场景，丰富不同灯光应用。



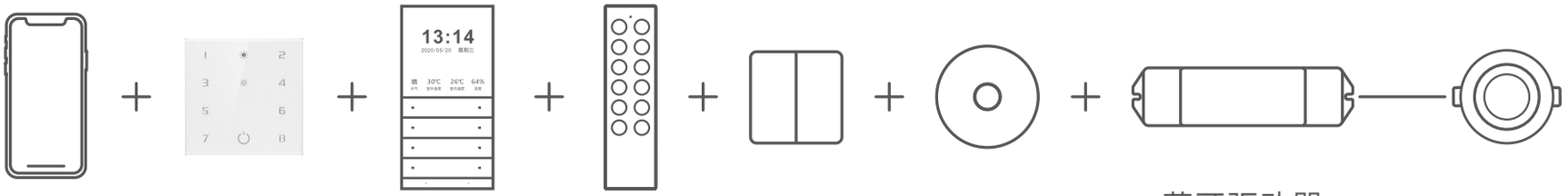
APP　　情景面板　　EB/1/EB2/EB5　　DMX驱动器 (调光/色温/RGB/RGBW/RGBC W)　　灯

③ 无线+DALI场景，满足不同使用场景。



APP　　情景面板　　DALI主控 (蓝牙转DALI)　　DALI驱动器 (调光/色温/RGB/RGBW/RGBCW)　　灯

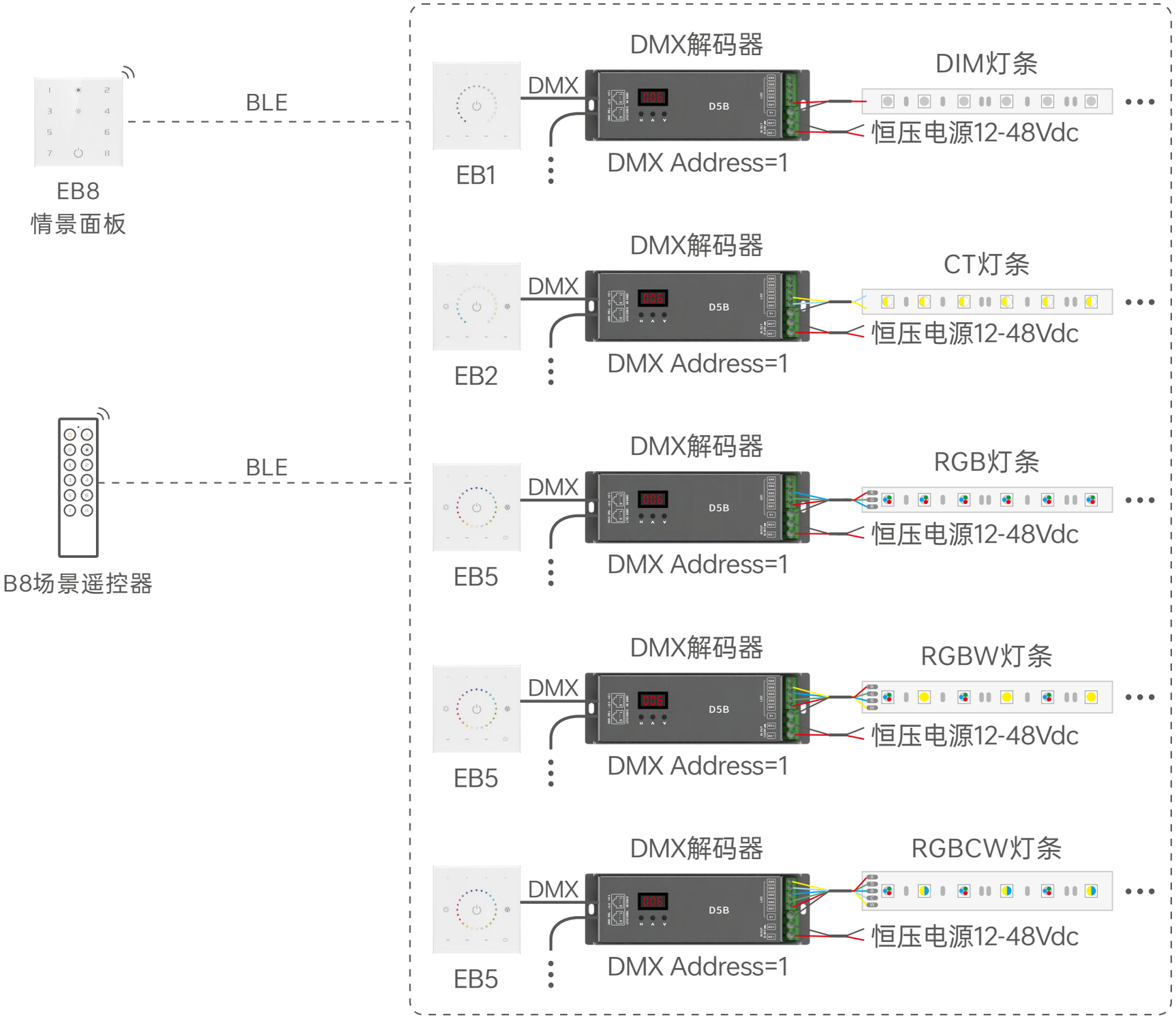
④ 可视化控制+传统调光面板遥控控制。



APP　　情景面板　　超级面板　　B8　　无线开关　　家电模块　　蓝牙驱动器 (B5-3A)　　灯

⑤ ...智能控制，更多应用搭配等您来设置。

蓝牙应用示意图



＊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。

搭配L-Home APP使用

1. 账号注册

通过手机扫描下方二维码，按提示完成APP安装后即可进行登录/注册操作。

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，安装界面提示完成添加即可。

3.场景绑定&亮度键设置

在“房间”界面点击已添加的情景面板进入【控制】界面。

场景绑定：单击卡片绑定场景/取消绑定。

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

4. 本地场景

创建本地场景:

切换到【智能】界面， 点击右上角 “+” 创建本地场景，设置执行动作后，即可实现蓝牙设备的本地联动。

绑定本地场景:

在控制详情页面，点击对应按键并设置绑定场景，保存成功后，通过短按按键立即执行所绑定的场景。

5. 云场景与自动化

确保家庭内已添加智能网关， 如超级面板12S。

云场景:

切换到【智能】界面，点击“+”创建云场景。设置执行动作后，即可实现远程联动。

自动化:

在【智能】界面中选择“自动化”，点击“+”创建自动化。可选择本地/云端执行方式，以及设置触发条件及执行动作。 当满足已设置的触发条件时， 自动触发一系列设备动作， 实现远程联动。

恢复出厂

方法一：

EB8情景面板接线上电后，用取卡针长按面板背部复位键6秒(见图1)，直至面板所有指示灯闪烁后熄灭，表示已恢复到出厂设置。

方法二：

需先确认设备已正确接通电源且处于在线状态。随后，打开L-Home APP，找到该设备并进入其设置页面，点击“删除设备”按钮(见图2)。当系统提示“删除成功”时，即表示设备已成功恢复到出厂设置。

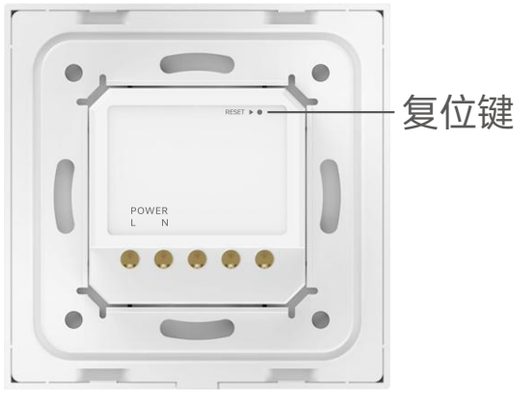


图1

图2

常见问题

1.配网失败这么办？

①确保设备正常通电；

②需要确认添加的设备未被其他账号添加过，如被添加过，请手动恢复出厂；

③确保手机与设备两者尽量靠近，建议不超过15米;

④如设备已被强制删除，请手动恢复出厂，然后重新添加设备。

2.如何远程控制设备？

搭配本司智能网关，可通过4G/5G/WiFi手机远程控制设备。

3.为什么操作亮度键无响应？

目前EB8情景面板的亮度键仅支持全部为B5-3A驱动所组成的蓝牙本地场景，其余驱动暂不支持该功能。

注意事项

- 请由具有专业资格的人员进行调试安装。
- 本产品（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；如果有疑问，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我司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;
- 无我司签订的合同或发票凭证。

1. 修理或更换是我司对客户的唯一补救措施。我司不承担任何附带引起的损害赔偿责任，除非在适用法律范围之内。
2. 我司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，欢迎向我司或我司授权的经销商咨询。