

EB Series Touch Panels

Model: EB1 / EB2 / EB5



Manual www.ltech-led.com

Product Introduction

- Adopts a two-in-one control method combining Bluetooth 5.2 SIG Mesh wireless protocol and DMX512 protocol, providing greater flexibility and convenience for engineering applications.
- · 4-zone dimming touch panel with DMX512 master control, adjusted via a touch color ring.
- · The function area keys can be set as single-zone or multi-zone panels through the APP.
- Paired with the L-Home APP, it enables control over lighting on/off, dimming, and color adjustment.
- When paired with a smart gateway, it supports a variety of control methods, including rich doud scenarios, cloud automation, and local automation.
- Supports local scenarios. It can be controlled without a gateway and remains operational even when the network is down, ensuring faster and more stable performance.
- · Compatible with European standard back boxes and Chinese national standard 86 back boxes.

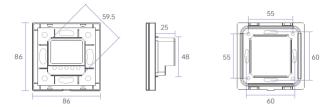
Specification Parameters

Model	EB1	EB2	EB5			
Control Type	DIM	СТ	RGB/RGBW/RGBCW			
Output Voltage	100-240V~					
Output Signal	DMX512					
Wireless Type	Bluetooth 5.2 SIG Mesh					
Compatible Remote Control	B1	B2	B5			
Compatible Driver	B5-3A,DMX decoder					
Working Temperature	-25°C~50°C					
Dimensions	86×86×36mm (L×W×H)					
Package Size	113×112×50mm (L×W×H)					
Product Weight	155g					



Product Size

Unit: mm



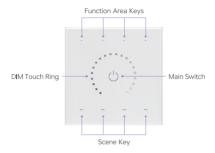
Product Illustration



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

EB1

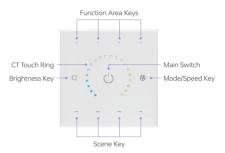


Function Area Keys: In single-zone mode, the area keys become brightness shortcut keys: 25%, 50%, 75%, 100%. In multi-zone mode, there are 4 area Keys. Click to turn on, select/deselect the current zone; long-press to turn off the current zone. (To switch zones, reset the device and modify the settings when reconnecting to the network via the L-Home APP.)

DIM Touch Ring: Adjusts brightness by touch.

Main Switch: Click to turn all lights on or off.

Scene Key: Click the touch button to trigger a scene. Scenes need to be bound through the L-Home APP, and it supports local scenes (with no restrictions on scene lighting types) and DALI scenes.



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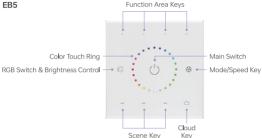
CT Touch Ring: Adjusts CT by touch.

Main Switch: Click to turn all lights on or off.

Brightness Key: Click to adjust brightness (about 5 levels); long-press to adjust CT brightness (long-press to gradually increase brightness, release and long-press again to gradually decrease brightness).

Mode/Speed Key: Click to play/switch the "Normal Mode" in the APP; long-press to adjust the mode speed.

Scene Key: Click the touch button to trigger a scene. Scenes need to be bound through the L-Home APP, and it supports local scenes (with no restrictions on scene lighting types) and DALI scenes.



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Color Touch Ring: Adjusts color by touch.

Main Switch: Click to turn all lights on or off.

RGB Switch & Brightness Control: Click to turn RGB on/off: long-press to adjust brightness. Mode/Speed Key: Click to play/switch the "Normal Mode" in the APP; long-press to adjust the mode speed.

Scene Kev:

- ① "R/G/B" click to turn on the current channel, long-press the channel to adjust brightness. The default R/G/B button functions support individual adjustment and on/off of the RGB function, and each button can be bound to a scene.
- (2) Click the touch button to trigger a scene. Scenes need to be bound through the L-Home APP, and it supports local scenes (with no restrictions on scene lighting types) and DALI scenes.

Cloud Kev:

- ① When it is an RGB panel, a single dick is invalid, long-press to adjust RGB saturation:
- (2) When it is an RGBW panel, a single click turns W on/off, long-press to adjust W:
- ③ When it is an RGBCW panel, a single click turns CW on/off, long-press to adjust CW.

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 touch panel.



② Connect the live wire to the L interface of the touch 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. (The front - end protection device of the electronic switch should not exceed 55A.)



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



Tilt the panel and snap it onto the bottom box. Turn on the main power switch. Press the touch panel. If the lights can be controlled normally, it indicates that the installation is correct.

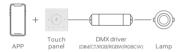


Recommended Application Combinations

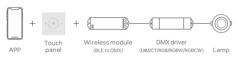
1) Wireless - controlled lighting fixtures.



2 Wireless + wired control for stable and reliable signals.



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

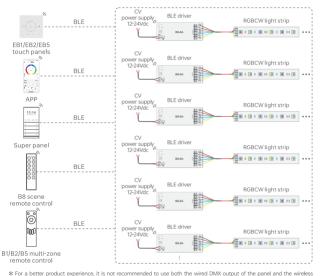


4 Visual control + traditional dimming panel remote control.



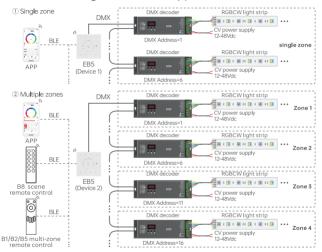
(5) More applications of intelligent control are waiting for you to set up.

Bluetooth Application Schematic Diagram



- Bluetooth driver at the same time.
- * 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.

Schematic Diagram Of DMX Application



*If there are more than 32 DMX decoders connected, a DMX signal amplifier should be added, and the signal amplification should not be continuous for more than 5 times. When there are more than 32 DMX/RDM decoders connected, if it is necessary to modify their parameter settings, one RDM signal amplifier can be added, or after the parameter settings are completed, 10 5 DMX signal amplifiers can be added.

*When the signal recoil effect affects the usage due to reasons such as a long signal line or the quality of the wire, you can try to connect a 0.25W 90-1200 terminal resistor at the end of each signal line to solve the problem.

DMX Single - Zone Channel Output Table

Type Address	DIM	СТ	CT2	RGB	RGBW	RGBCW
1	D I M	С	BRT	R	R	R
2	D I M	W	CT	G	G	G
3	D I M	С	BRT	В	В	В
4	D I M	W	CT	R	W	С
5	D I M	С	BRT	G	R	W
6	D I M	W	CT	В	G	R
7	D I M	С	BRT	R	В	G
8	D I M	W	CT	G	W	В
9	D I M	С	BRT	В	R	С
10	D I M	W	CT	R	G	W
11	D I M	С	BRT	G	В	R
12	D I M	W	CT	В	W	G
13	D I M	С	BRT	R	R	В
14	D I M	W	CT	G	G	С
:	:	:	:	:	:	:
500	D I M	W	CT	G	W	W
:	:	:	:	:	:	1
512	D I M	W	CT	G	W	/

DMX Multi - Zone Channel Output Table

Type Zone	DIM	СТ	CT2	RGB	RGBW	RGBCW
1	D I M1	C1	BRT1	R1	R1	R1
2	DIM2	W1	CT1	G1	G1	G1
3	D I M3	C2	BRT2	B1	B1	B1
4	DIM4	W2	CT2	R2	W1	C1
5	DIM1	C3	BRT3	G2	R2	W1
6	D I M2	W3	CT3	B2	G2	R2
7	D I M3	C4	BRT4	R3	B2	G2
8	D I M4	W4	CT4	G3	W2	B2
9	DIM1	C1	BRT1	B3	R3	C2
10	D I M2	W1	CT1	R4	G3	W2
11	D I M3	C2	BRT2	G4	B3	R3
12	DIM4	W2	CT2	B4	W3	G3
13	DIM1	C3	BRT3	R1	R4	B3
14	DIM2	W3	CT3	G1	G4	C3
:	:	:	:	:	:	:
500	DIM4	W2	CT2	G3	W1	W4
:	:	:	:	:	:	1
512	DIM4	W4	CT4	G3	W4	1

^{*} For DIM, four partitions cycle every 4 addresses. For CT and CT2, four partitions cycle every 8 addresses. For RGB, four partitions cycle every 12 addresses. For RGBW, four partitions cycle every 16 addresses. Flow the indication in the above diagram, and so on.

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 iOS/APK

2. Pairing operation

After a new user creates a family on the APP, click the "+" button in the upper - right corner of the (Rooms) interface to add a device. Select "LED Controller" from the device list. Then, choose the partition control mode as "Single - zone" or "Multi - zone", and select the control type as RGB, RGBW, or RGBCW. Follow the on - screen prompts to complete the addition.





3. Applications of single-zone and multi-zone

On the "Room" interface, click the added touch panel to enter the [Control] interface. In the single-zone mode: Click "Bind Area", select the device to bind, and you can bind lights or light groups. Brightness shortcuts can be set to four percentage levels: 25%, 50%, 75%, and 100%. Click the "..." button in the scene, select "Bind Scene", and you can bind "Save Current Scene", "Local Scene", or "DALI Scene". Single-click a card to execute the scene; long-press the card or click "..." to unbind the scene.

In the multi-zone mode: Zone actions: Short-press to turn on, select, or deselect a partitioned zone.Long-press to turn off the zone.Click the "..." button in the zone to bind devices, activate the current zone, or customize the name.

Scene actions: Single-click a card to execute the scene.Long-press the card or click "..." to bind or unbind the scene.







4. Be bound by the remote control

The touch panel EB1 can be bound to the B1 remote control, the EB2 can be bound to the B2 remote control, and the EB5 can be bound to the B5 remote control.

Each partition of the remote control corresponds to each partition of the touch panel. After binding, the remote control zone will control the load of the touch panel.







5 Local scene

Create a local scene:

Switch to the [Smart] page, dick "+" 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.







6. 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.

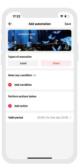
Automation:

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.

Note: Touch panels can be set as trigger conditions or as execution actions.







Restore To Factory Settings

Method 1: After the EB - series (EB1/EB2/EB5) touch 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 46/56/WiFi on a mobile phone.

Attentions

- Product installation and commissioning should be done by a qualified professional.
- LTECH 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
 endosure 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 LTECH.
- 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. 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 official distributors if you have any question.



EB系列触摸面板

型号: EB1 / EB2 / EB5



使用说明书 www.ltech.cn

产品介绍

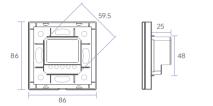
- 采用蓝牙 5.2 SIG Mesh 无线协议以及 DMX512 协议二合一控制方式,工程应用更灵活方便;
- · 4区调光触控面板DMX512主控, 触摸彩环调节;
- ・功能区域键可通过APP设置为单区面板或多区面板;
- · 搭配L-Home APP, 实现灯光开关、调光、调色控制;
- 搭配智能网关可实现丰富的云场景、云自动化、本地自动化控制方式;
- 支持本地场景, 去网关, 断网可控, 更快更稳定;
- 兼容欧坝底盒与国标86底盒。

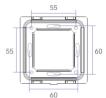
规格参数

产品型号	EB1	EB2	EB5				
控制类型	调光	色温	RGB/RGBW/RGBCW				
输出电压	100-240V~	100-240V~					
输出信号	DMX512						
无线类型	Bluetooth 5.2 SIG Mesh						
可搭配的遥控	B1	B2	B5				
可搭配的驱动	B5-3A, DMX解码器						
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	155g						



产品尺寸





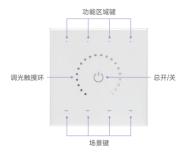
产品图示



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

EB1



功能区域键:单区时:区域键变为亮度快捷键:25%、50%、75%、100%。

多区时: 4个区域键。单击开启、选中/取消选择当前分区; 长按关闭当前分区。

(如需切换分区,请将设备重置后再次使用L-Home APP入网时修改)

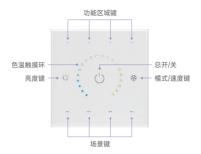
调光触摸环: 触摸调节亮度。

总开关: 单击开启/关闭 所有灯光。

场景键: 场景键单击触摸键触发场景。

需要通过 L-Home APP 绑定场景,支持本地场景(不限制场景灯具类型)、DALI 场景。

FB2



功能区域键:单区时:区域键变为亮度快捷键:25%、50%、75%、100%。

多区时: 4个区域键。单击开启、选中/取消选择当前分区; 长按关闭当前分区。

(如需切换分区,请将设备重置后再次使用L-Home APP入网时修改)

色温触摸环: 触摸调节色温。

总开关: 单击开启/关闭 所有灯光。

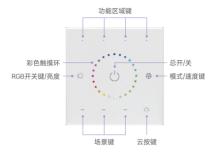
亮度键: 单击: 调节亮度(约5档); 长按: 调节色温亮度(长按渐亮, 松手再长按就是渐暗)。

模式/速度键: 单击: 播放/切换 APP 的"普诵模式": 长按: 调节模式速度。

场景键: 场景键单击触摸键触发场景。

需要通过 L-Home APP 绑定场景,支持本地场景(不限制场景灯具类型)、DALI 场景。

FB5



功能区域键: 单区时: 区域键变为亮度快捷键: 25%、50%、75%、100%。

多区时: 4个区域键。单击开启、选中/取消选择当前分区; 长按关闭当前分区。

(如需切换分区,请将设备重置后再次使用L-Home APP入网时修改)

彩色触摸环: 触摸调节颜色。

总开关: 单击开启/关闭 所有灯光。

RGB开关键/亮度: 单击: 开/关 RGB: 长按: 调节亮度。

模式/速度键: 单击: 播放/切掉 APP 的"普通模式": 长按: 调节模式速度。

场景键: ① "R/G/B"单击开启当前通道,长按该通道调节亮度。

默认R/G/B按键功能,支持单独调节和开关 RGB 功能,可以单个按键绑定场景。

② 场景键单击触摸键触发场景。

需要通过 L-Home APP 绑定场景,支持本地场景(不限制场景灯具类型)、DALI场景。

- 云按键: ① 当前为RGB面板时,单击无效,长按调节 RGB 饱和度; ② 当前为RGBW面板时,单击开/关 W. 长按调节 W:
 - ③ 当前为RGBCW面板时、单击开/关 CW、长按调节 CW。

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 一字螺丝刀撬开触摸面板底盒。



② 将火线接入触摸面板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。 (电子开关的前置保护装置不能高于35A)



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,按下触摸面板,可正常控制灯光即说明安装正确。



推荐应用搭配

① 无线控制灯具。



② 无线+有线控制, 信号稳定可靠。



③ 无线+蓝牙本地场景,丰富不同灯光应用。

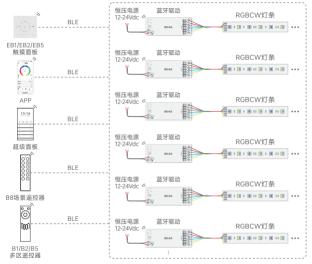


④ 可视化控制+传统调光面板遥控控制。



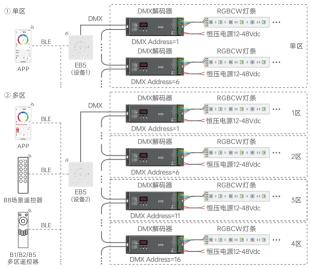
⑤ ...智能控制, 更多应用搭配等您来设置。

蓝牙应用示意图



- * 为了更好的产品体验,不建议同时使用而板的有线 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。

DMX应用示意图



- *超过32台DMX解码器连接需加DMX信号放大器,信号放大不能连续超过5次。当超过32台DMX/RDM解码器连接时,如需修改其 参数设置,可添加1台RDM信号放大器。或者将其参数设置完成后,再添加1~5台DMX信号放大器。
- *当信号线较长或者线材质量等原因造成信号反冲效应影响使用,可以尝试在每路信号线末端连接0.25W 90-120Ω终端电阻去解决。

DMX单区通道输出表

类型 地址	DIM	СТ	CT2	RGB	RGBW	RGBCW
1	D I M	С	BRT	R	R	R
2	D I M	W	CT	G	G	G
3	D I M	С	BRT	В	В	В
4	D I M	W	CT	R	W	С
5	D I M	С	BRT	G	R	W
6	D I M	W	CT	В	G	R
7	D I M	С	BRT	R	В	G
8	D I M	W	CT	G	W	В
9	D I M	С	BRT	В	R	С
10	D I M	W	СТ	R	G	W
11	D I M	С	BRT	G	В	R
12	D I M	W	CT	В	W	G
13	D I M	С	BRT	R	R	В
14	D I M	W	CT	G	G	С
:	:	:	:	:	:	:
500	DIM	W	CT	G	W	W
:	:	:	:	:	:	1
512	D I M	W	CT	G	W	1

^{*}按上图表示意,如此类推。

DMX多区通道输出表

类型 地址 分区	DIM	СТ	CT2	RGB	RGBW	RGBCW
1	D I M1	C1	BRT1	R1	R1	R1
2	DIM2	W1	CT1	G1	G1	G1
3	D I M3	C2	BRT2	B1	B1	B1
4	D I M4	W2	CT2	R2	W1	C1
5	DIM1	C3	BRT3	G2	R2	W1
6	D I M2	W3	CT3	B2	G2	R2
7	D I M3	C4	BRT4	R3	B2	G2
8	D I M4	W4	CT4	G3	W2	B2
9	DIM1	C1	BRT1	B3	R3	C2
10	DIM2	W1	CT1	R4	G3	W2
11	D I M3	C2	BRT2	G4	В3	R3
12	D I M4	W2	CT2	B4	W3	G3
13	D I M1	C3	BRT3	R1	R4	В3
14	D I M2	W3	CT3	G1	G4	C3
:	:	:	:	:	:	:
500	D I M4	W2	CT2	G3	W1	W4
:	:	:	:	1	:	1
512	D I M4	W4	CT4	G3	W4	1

^{*}DIM每4个地址循环4个分区,CT和CT2每8个地址循环4个分区,RGB每12个地址循环四个分区 RGBW每16个地址循环4个分区,RGBCW每20个地址循环4个分区。按上图表示意,如此类推。

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,可选择分区控制为"单区"或"多区"后,再选择控制类型为RGB、RGBW或RGBCW,按照 界面提示完成添加即可。





3 单区与多区的应用

在"房间" 更而占击已添加的触摸而板进入【挖制】 更而。

单区时:点击"绑定区域"。选择绑定设备。可绑定灯/灯组:

高度快捷键可选择25%、50%、75%、100%四种高度百分比:

点击场景中"..."按键、选择绑定场景、可绑定"保存当前场景"、"本地场景"、"DALI场景":

单击卡片执行场景,长按卡片或单击"..."可选择取消场景绑定。 多区时、区域动作、短按开启、选中/取消分区区域、 长按关闭区域、

点击区域中"..."按键、选择绑定设备、开启当前区域或自定义名称。

场景动作: 单击卡片执行场景: 长按卡片/单击"..."按键, 绑定场景/取消绑定。







4. 被遥控器绑定

触摸面板EB1可被B1邏控器绑定,EB2可被B2遥控器绑定,EB5可被B5運控器绑定; 遥控器的每个分区对应触摸面板的每个分区;

绑定后, 遥控器区域将控制触摸面板的负载。







5. 本地场景

创建木地场景:

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。

细定木 他 场 暑 ·

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。







6. 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。

注: 触摸面板既可设置为触发条件, 亦可作为执行动作。







恢复出厂

方法一:

EB系列(EB1/EB2/EB5)触摸面板接线上电后,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。





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。

注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特科技产品(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。
- 修理或更换是雷特科技对客户的唯一补数措施。雷特科技不承担任何附带引起的损害赔偿责任,除非在 语用法律范围之内。
- 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。