LTECH

Scenario Panel

Model: EB8

1	☀	2
3	☼	4
5		6
7	⏻	8
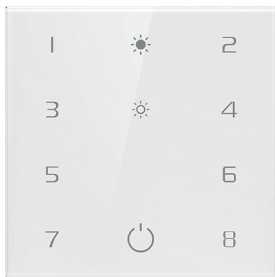
Manual

www.ltech-led.com

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

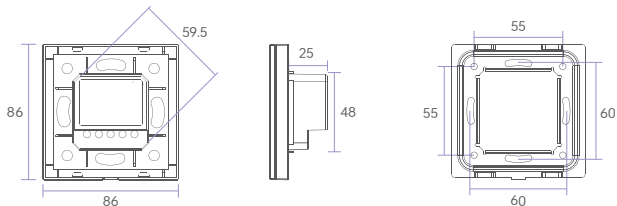| Model	EB8
Output Voltage	100-240V~
Wireless Type	Bluetooth 5.2 SIG Mesh
Compatible Driver	B5-3A, Bluetooth drivers and Bluetooth controllers
Number of Scenes	8 scenes
Working Temperature	-25℃~50℃
Dimensions	86×86×36mm (L×W×H)
Package Size	113×112×50mm (L×W×H)
Product Weight	225g

Bluetooth® TÜV SRRC CE FC RoHS
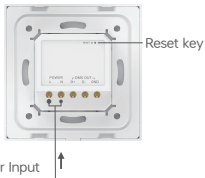
Product Size

Unit: mm


Product Illustration

Front View

100 - 240V~ Power Input

Reset key

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

I	☀ 2	—• Brightness +
3	☀ 4	—• Brightness -
5	6	—• Scenes Key
7	⏻	8

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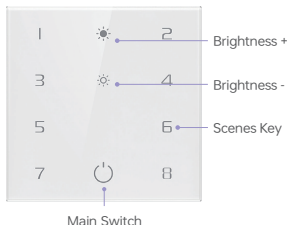
Scenes Key: Clicking the scene key triggers a scene, which requires binding local scenes/DALI scenes through the L-Home APP.

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.

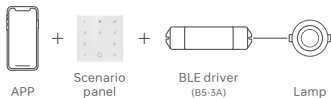③ Fix the bottom box to the wall flush-mounted box with screws, making the bottom box fit tightly against the wall.
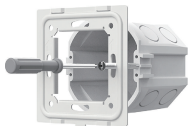
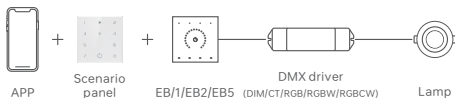④ Tilt the panel and snap it onto the bottom box. Turn on the main power switch.

Step 1: Snap down

Step 2: Snap the bottom
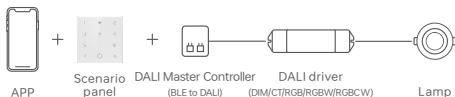
Recommended Application Combinations

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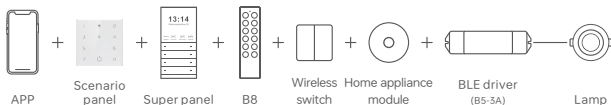
⑤ More applications of intelligent control are waiting for you to set up.

Bluetooth Application Schematic Diagram

EB8
scenario panel

BLE

DMX decoder

DMX

EB1

DMX Address=1

DIM light strip

CV power supply
12-48Vdc

DMX decoder

DMX

EB2

DMX Address=1

CT light strip

CV power supply
12-48Vdc

B8 scene remote control

BLE

DMX decoder

DMX

EB5

DMX Address=1

RGB light strip

CV power supply
12-48Vdc

DMX decoder

DMX

EB5

DMX Address=1

RGBW light strip

CV power supply
12-48Vdc

DMX decoder

DMX

EB5

DMX Address=1

RGBCW light strip

CV power supply
12-48Vdc

※ 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
iOS/APK

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.
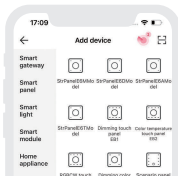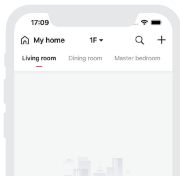
3. Scene binding & Brightness key settings

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.
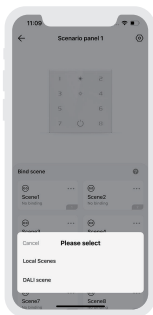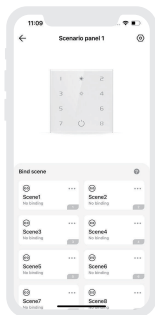
4. Local scene

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.
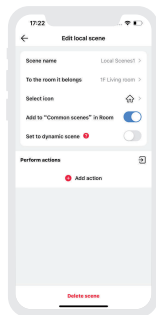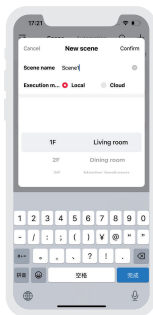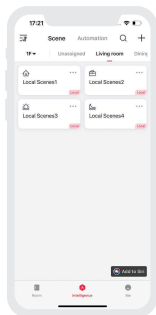
5. Cloud scenes and automation

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.
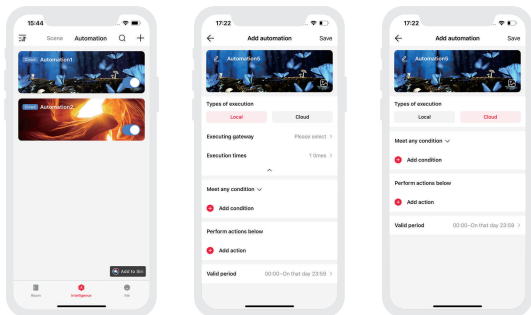
Restore To Factory Settings

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.
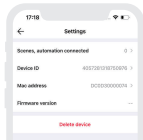

Reset key

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.
- 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 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 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. 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.