

LTECH

Smart Scene Panel

(Bluetooth + Programming)



Manual

www.ltech-led.com



RoHS

Product Introduction

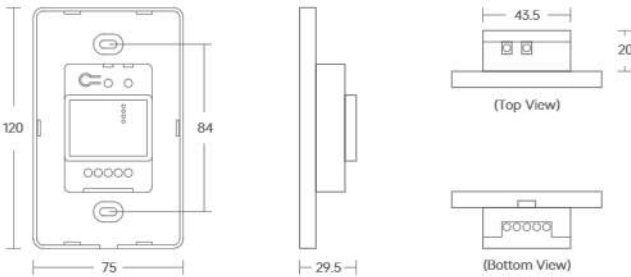
The Smart Scene Panel is an American-style wall-mounted scene panel that uses the Bluetooth 5.0 SIG Mesh wireless protocol. It features a CNC aerospace aluminum frame and 2.5D tempered glass, offering a simple and stylish appearance. Designed for multi-scenario control environments, it enables quick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



The diagram illustrates a smart home network architecture. At the top, a 'Cloud' is connected to a 'Router' via 'Internet' and '4G/5G' links. The 'Router' is connected to 'Amazon Echo' and 'Google' via 'Internet' links. A 'Super Smart Gateway' is also connected to the 'Router' via 'Internet'. The 'Router' is connected to a 'Central Control Gateway' via 'WIFI'. The 'Central Control Gateway' is connected to a 'Phone' via 'WIFI' and 'BLE'. The 'Central Control Gateway' is also connected to a 'UB8' device via 'BLE'. The 'UB8' device is connected to a 'Bluetooth Controller' via 'BLE'. The 'Phone' is connected to the 'Bluetooth Controller' via 'BLE'. The 'Central Control Gateway' displays a clock showing '12:30'.

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.

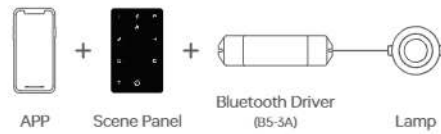
* Currently, only the B5-3A model driver supports the brightness key and master on/off functions.

Reset Key:

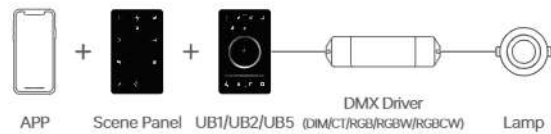
Press and hold the reset key for 6 seconds until all panel indicator lights flash and turn off, confirming the restoration of factory settings.

Recommended Applications

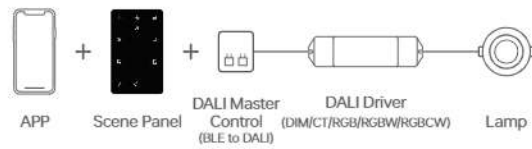
1. Wireless Controlled Lighting Fixtures.



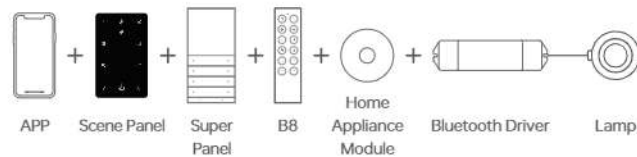
2. Wireless + Bluetooth Local Scenarios to Enrich Diverse Lighting Applications.



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

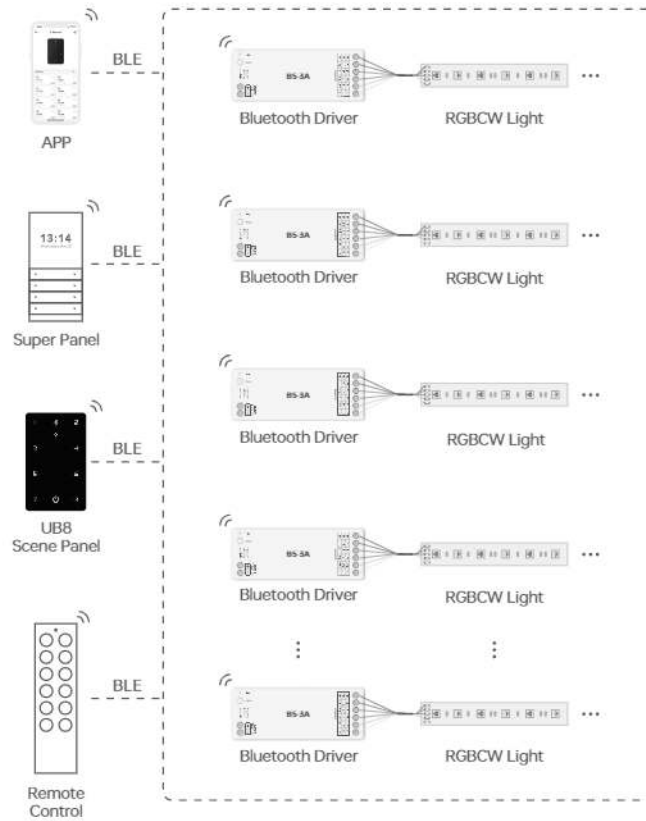


4. Visual Control + Traditional Dimming Panel Remote Control.



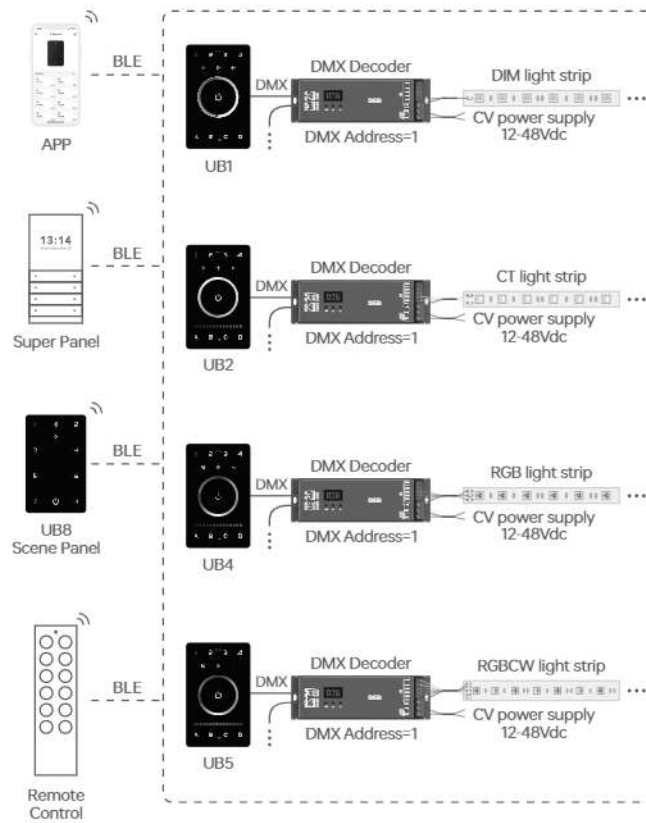
5. More Application Combinations Await Your Setup.

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.

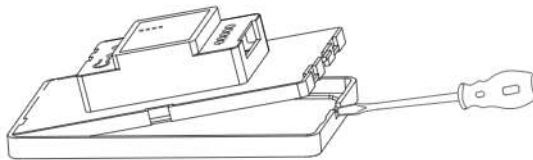
DMX Application Diagram



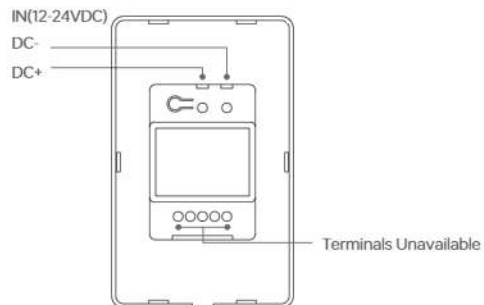
* Please try to avoid placing wireless drivers next to large-area metal objects or in spaces with many metal media to prevent signal interference from affecting usage.

Installation Instructions

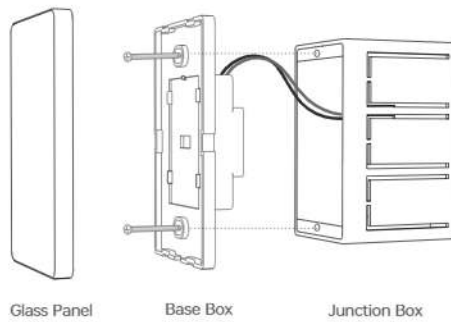
① Turn off the main power switch and make sure there is no mud or other attachments on the inner wall of the junction box. Reduce the length of the power cord in the junction box to about 10CM and use a flat-blade screwdriver to pry open the bottom box of the scene panel.



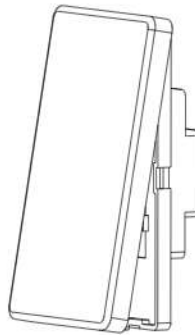
② Ensure the DC power supply output voltage is between 12-24VDC. Connect the positive power cord to the "DC+" terminal of the device and the negative cord to the "DC-" terminal. Verify that the power cords make good contact with the terminals and that no copper wires are exposed.



- 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

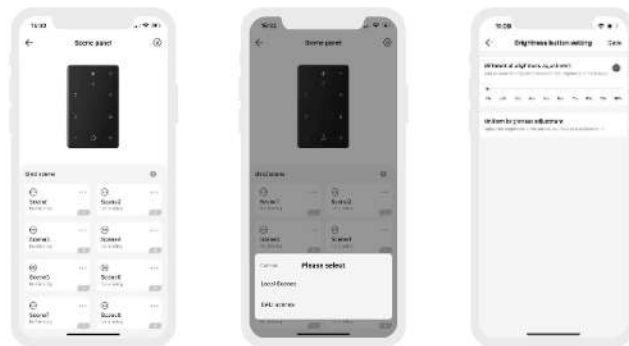
2. Configure

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.



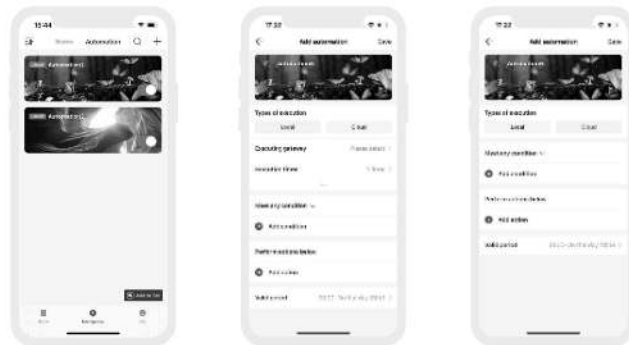
3.Scene Binding & Brightness Key Setting

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.



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