Xiaolei

Super Panel 6S

Manual

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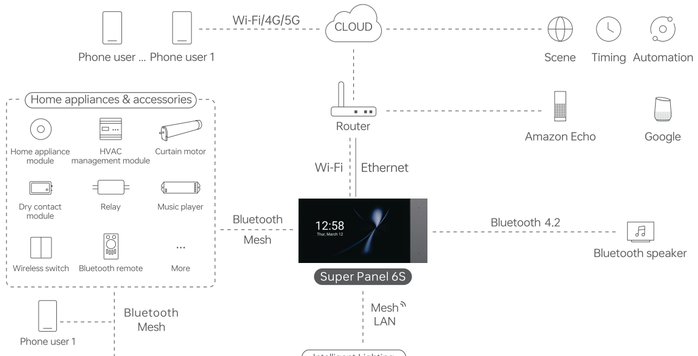
Bluetooth® FC CE RoHS

Application Diagram



Product Introduction

Super Panel 6S is a central smart home control panel, featuring a 6-inch IPS screen with 1280×720 resolution. It is compatible with Wi-Fi 2.4G + 5G, Ethernet and Bluetooth 5.0 SIG Mesh communication. Super Panel 6S can act as a 2 channels relay to directly control load lamps. With IR capability, it is capable of controlling all your IR home appliances and turning traditional home appliances into smart ones.

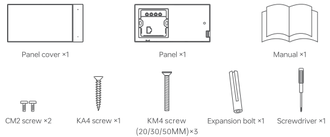
Super Panel 6S comes with a built-in 2-in-1 light and proximity sensor that enables auto screen brightness adjustment, as well as auto screen wake up when nearby people approach it. It combines button, touchscreen and App interaction. Preset multi-function scenes can be performed just by one button. In addition to this, it supports local control without the network needed, which performs faster and more stably.

It is installed in the 86 type junction box and enables more than 400 flexible panel combinations by using unified panel mounting frames.

Technical Specs

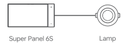
Model	SP-GW-6S
Wireless network	Bluetooth 5.0 SIG Mesh, Wi-Fi 2.4G+5G
Wired network	Ethernet
Power supply	100-240V~, 50/60Hz, USB Type-C cable powered, 5V⎓2A
Display	6-inch full lamination, 1280×720 resolution
Touchpad	Capacitive multi-touch screen, anti-fingerprint coating
Materials	PC+ V0 fireproof grade
Single load	LED≤200W , ☼≤400W
Channel of load	2 Channels
Inrush current in loads	Max.65A@2ms
Working environment	-15℃~50℃, Humidity≤85%RH
Dimensions	L172×W86×H41(mm)
Package size	L218×W132×H75(mm)
Junction box	86 type
Colors	Grey, Gold, White

Package Contents

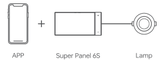


Recommended Applications

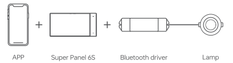
1.Connect to a lamp and get fast lamp control.



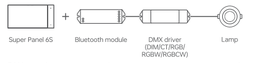
2.Connect to a traditional lamp and add Super Panel 6S to the APP, so you can intelligently control the lamp.



3.Add Super Panel 6S to the APP to realize remote control (via 4G,5G, Wi-Fi) + local control of the lamp.



4.Work with a Bluetooth LED module to realize wirelss + wired control of the lamp.

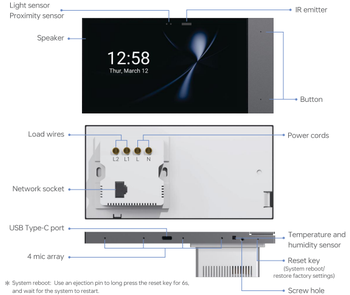


5.Work with a home appliance module to control lamps, air conditioning, curtain motors and more devices, and to realize various automation.

6.Control the lamp either with APP, Super Panel 6S or a remote, a wireless switch or a home appliance module.

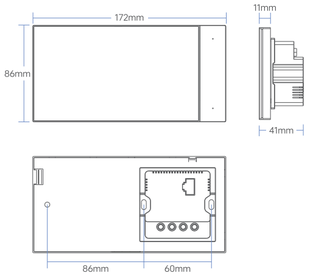
7.More applications of intelligent control are waiting for you to set up.

Product Overview



※ System reboot: Use an ejection pin to long press the reset key for 6s, and wait for the system to restart.
Restore factory settings: Use an ejection pin to long press the reset key for 6s and release it until the LOGO is displayed on the screen. Within 30s, press the reset key again for 6s.When the system restarts, it means the device has been reset to factory defaults.

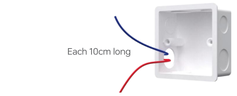
Product Size



Installation Steps

1. AC-powered

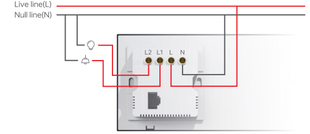
1.1 Turn off the circuit breaker and remove any concrete or corrosion that are inside the 86 type wall box. Trim each wire in the wall box to about 10cm in length.



1.2 Wire the panel

Attach the live line to L socket of the panel, the null line to N socket and the load wires the lights to L1/L2 port. Make sure the wires are well connected to the switch terminals with no copper wire exposed. If necessary, insert a network cable into the network socket.

(The protection device for the electronic switch cannot be greater than 35A)

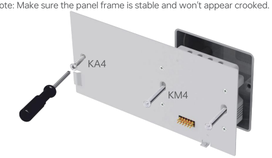


1.3 Install the panel

Method 1: Plan one wall box in advance

Mark the position of the KA4 screw hole on the wall first and drill a hole, then insert the expansion bolt into this screw hole. Place the KA4 screw into the bolt through the panel frame and secure the screw to fit the panel frame to the wall with a screwdriver; Next use KM4 screws to secure the panel box to the wall box.

Note: Make sure the panel frame is stable and won't appear crooked.



Method 2: Plan two wall boxes in advance

Insert the KM4 screw and secure it to fit the panel frame to the wall with a screwdriver; Then use KM4 screws to secure the panel box to the wall box.

Note: Make sure the panel frame is stable and won't appear crooked.

1.4 Snap on the panel cover

Slant the left side of the panel cover and snap it to the panel frame. Then secure the panel cover to the frame from the bottom with a CM2 screw.

2. Install multiple panels into one

When you use the panel mounting frame to combine two/three/four Super+ series panels on the same row, some common installation issues can be easily solved, such as installing panels upside down, space inconsistency between panels, the left panel not aligning with the right.

For the detailed installation method, please refer to the panel mounting frame manual.

✻ Panel mounting frame and Super Panel 6S are sold separately.

Combine three panel boxes into one

Manual

3.Installation Precautions for Row-mounted Devices

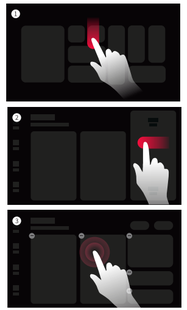
Note: The Super Panel 6S must be installed on the far left; otherwise, it will affect the normal operation of the speaker.

Instructions to use Super Panel 6S

① Swipe down from the top of the screen to access the control center; swipe up to close it.

② Swipe left from the right side of the screen to access the button usage guidelines; swipe right to close it.

③ Customize the home page style by long pressing the cards and dropping them on the home page.



App Operating Instructions

1. Register an account

1.1 Scan the QR code below on the left with your mobile phone. Follow the prompts to complete the app installation and log in or register an account.

1.2 For more App operating instructions, please scan the QR code below on the right.

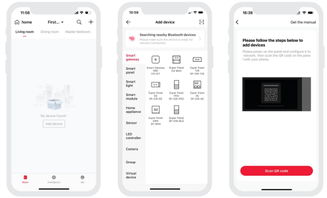
Scan and download the App

2.Configure the Super Panel 6S

Power on the Super Panel 6S and wait for a while to start it up. Follow the page guidelines of the panel to connect it to the Wi-Fi. Once connected successfully, a QR code for the device will be displayed on the interface and you'll be able to complete the configuration.

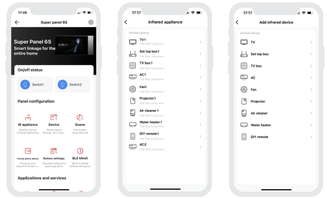
3. Bind your account

Create a home if you are a new user. Then click "+" icon in the upper right corner to access the "Add device" page. Pick "Smart gateway-Super Panel 6S " from the device list and follow the prompts to scan the QR code displayed on the Super Panel 6S screen, then complete your account binding.



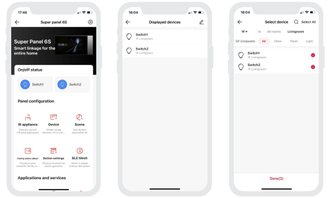
4. Add infrared devices

Go to the Super Panel 6S interface and click "Infrared appliance" , then tap "+" icon in the upper right corner. Follow the prompts in APP to select your infrared home appliances according to the appliance type and brand. After completing the setting, you can directly control the infrared home appliances with the Super Panel 6S.



5. Control devices with the Super Panel 6S

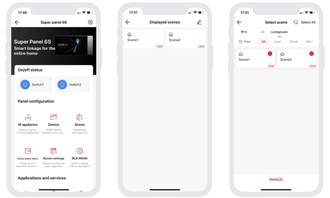
Please refer to manuals of related products. Follow the prompts to add the devices your want and access the Super Panel 6S interface. Click "Device" to go to "Displayed devices" interface. Then click the icon in the upper right corner to pick the devices your want to control with the Super Panel 6S and save them.



6. Control scenes with the Super Panel 6S

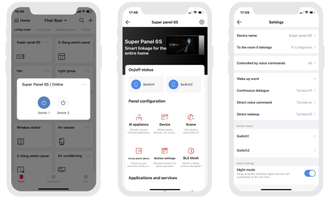
Create scenes: Get back to the homepage of the App. Switch to " Intelligence" menu and click "+" icon to add scenes. Follow prompts to modify names and icons for scenes, and click "Add action" to set up the action and delay time you want.

Displayed scenes: Go to the Super Panel 6S interface and click "Scene" to access "Displayed Scenes" interface.Click the icon in the upper right corner to add the scenes you want to control with the Super Panel 6S.



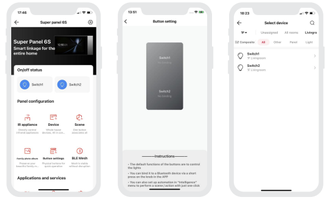
7. Set up the relay (Switch 1/Switch 2)

In the "Room" interface, click the blank area of the Super Panel 6S card to get a popup and control Switch 1/Switch 2 quickly. Or you can go to the Super Panel 6S interface to turn Switch 1/Switch 2 on or off by tapping them.Go to the Super Panel 6S settings and click them to name the relay (Switch 1/Switch 2).



8. Set up the physical buttons

Go to the Super Panel 6S interface and click "button settings". Tap the button you want and follow the prompts to set up the device action or scene performed by this button.



FAQs

1. How to change the user account ?

Super Panel 6S has one standard user account only. The Super Panel 6S that has been added needs to be deleted by the original owner before your login.

2. How to restart the device?

Use an ejection pin to long press the reset key for 6s, and wait for the system to restart.

3. How to reset the device to factory defaults?

Use an ejection pin to long press the reset key for 6s and release it until the LOGO is displayed on the screen. Within 30s, press the reset key again for 6s. When the system restarts, it means the device has been reset to factory defaults.

Attentions

- The installation location should avoid being close to large-area metal objects against signal interference.
- Please use in a cool and dry environment.Please keep away from heat.
- Please do not open, change or repair , otherwise the warranty is not allowed.

✻ 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.

Warranty Agreement

Warranty periods from the date of delivery:2 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.

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