

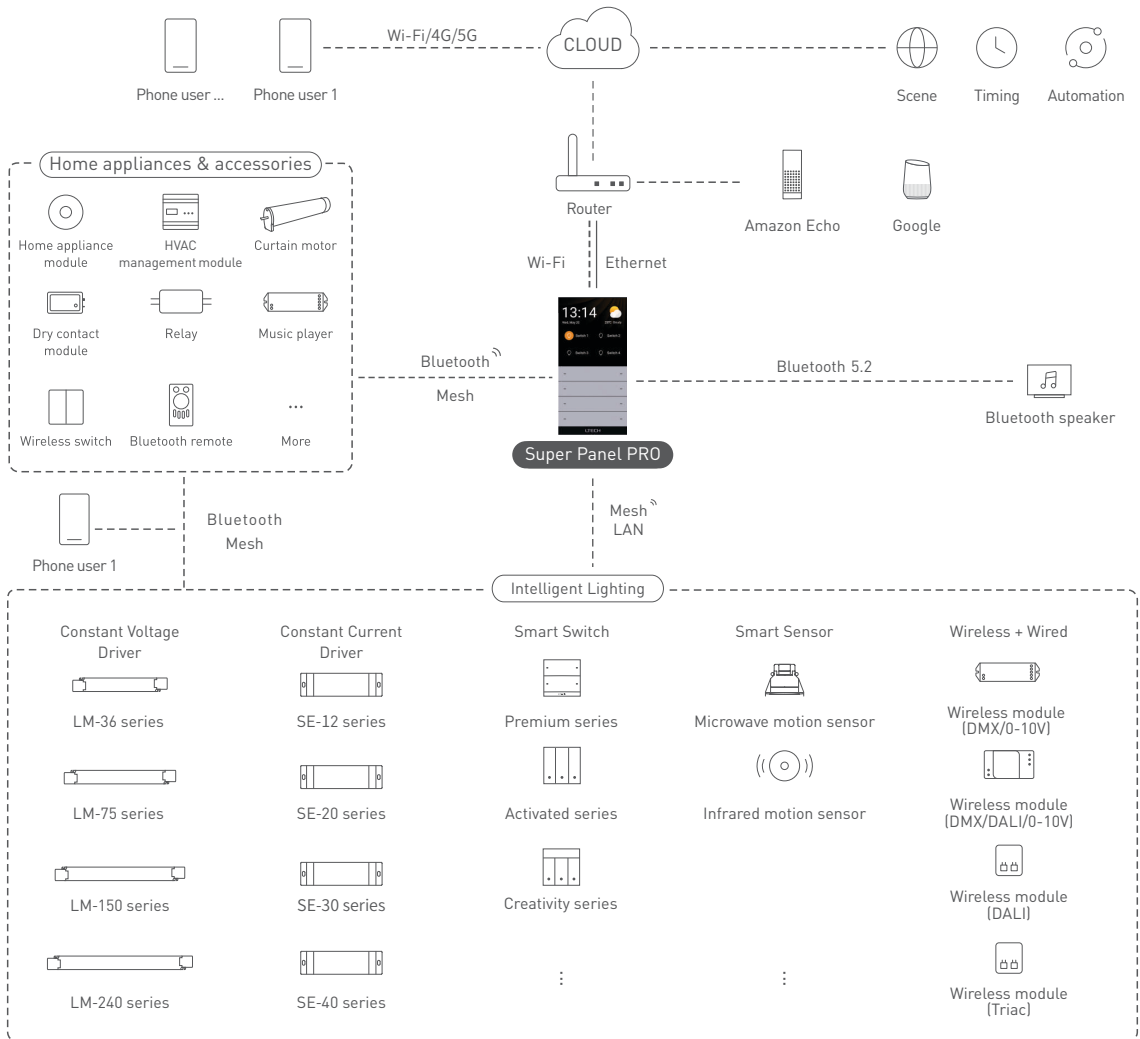
LTECH

Super Panel PRO

Manual
www.ltech-led.com

 Bluetooth®   RoHS

System Diagram



Welcome to Super Panel PRO

Super Panel PRO is a whole house smart central control panel, featuring a large HD touch screen with 720×720 resolution. It is compatible with dual-band Wi-Fi [2.4 GHz and 5.0 GHz Wi-Fi]. It supports connection with smart devices via Bluetooth 5.0 SIG Mesh, as well as connection with smart speakers via Bluetooth 5.2 protocol to achieve whole-house smart device linkage. Additionally, it supports direct infrared home appliance connection and voice calls to enrich our smart ecosystem. Super Panel PRO comes with 8 buttons, 4 of which on the whole can act as a 4 channel relay to directly connect with traditional lamps. The App allows you to bind a device action/scene to each button so as to control the entire smart home from one single panel. It combines button, touchscreen and App interaction together. Multiple pre-defined living scenes can be turned on/off by just a button.

Super Panel PRO has a two omnidirectional microphone array and 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.

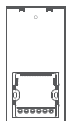
Technical Specs

Model	SP-GW-PRO
Wireless network	Bluetooth 5.0 SIG Mesh, Wi-Fi 2.4G+5G, BLE 5.2
Power supply	100-240V~, 50/60Hz μ
Display	4-inch full lamination, 720×720 resolution
Microphone	Two omnidirectional microphone array
Touchpad	Capacitive multi-touch screen, anti-fingerprint coating
Speaker	AAC 1151 speaker
Materials	Aviation aluminum, CNC machining techniques, PC + fiberglass, V0 fireproofing grade
Proximity sensor	Close-range sensing within 30cm, automatic wakeup
Light sensor	Adjust screen brightness automatically when lighting changes
Single load	LED \leq 300W, \odot \leq 600W
Channel of load	4 Channels
Inrush current in loads	Max. 65A@2ms
Working environment	-15°C-50°C, Humidity \leq 85%RH
Dimensions	L172×W86×H39.5(mm)
Package size	L218×W132×H75(mm)
Net Weight	380g
Junction box	86 type
Colors Available	Silver, Gold, Grey, Pink

Package Contents



Panel cover x1



Panel x1



Manual x1



KM4 screw
(30MM×2/50MM×5)



KM2 screw x2



KA4 screw x1



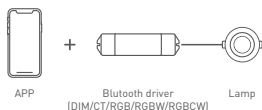
Expansion bolt x2



Screwdriver x1

Recommended Applications

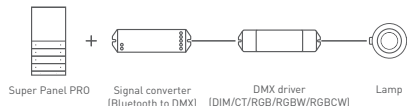
- Gain fast control of the lamp through the APP.



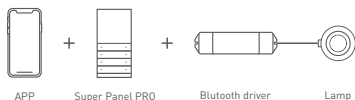
- Connect Super Panel PRO to a traditional lamp and to the APP, so you can intelligently control the lamp.



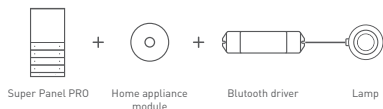
- Wireless + wired control (Enriching different lighting applications).



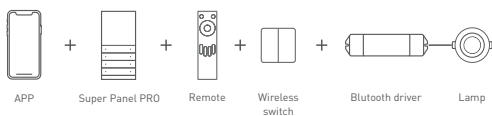
- Super Panel PRO supports both LAN + remote lighting control via 4G/5G/Wi-Fi.



- The Super Panel PRO and home appliance module control lamps, air conditioning, curtains and other items (Customize cloud scenes and automatic applications)



- The Super Panel PRO, remote and wireless switch can simultaneously control lamps.



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

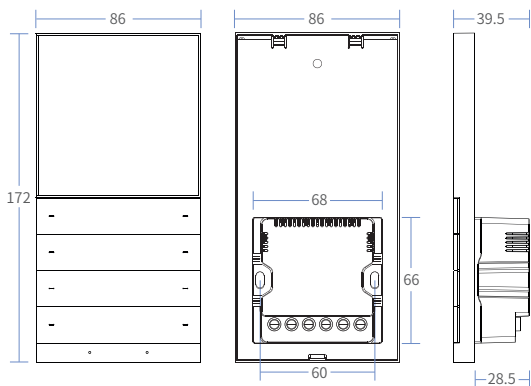
Product Overview



* System reboot: Use an ejection pin to long press the reset key for 6s and release it until the LOGO is displayed on the screen, then 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 and wait for the system to restart.

Product Size

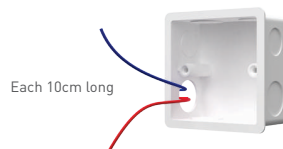
Unit: mm



5

Installation Steps

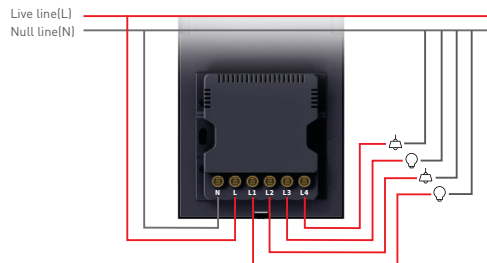
1 Turn off the circuit breaker and remove any concrete or corrosion that are inside the 86 type wall box. Trim each wire in the wall box to about 10cm in length.



2 Wire the panel

Attach the live line to L socket of the panel, the null line to N socket and the load wires of the lights to L1/L2/L3/L4 port. Make sure the wires are well connected to the switch terminals with no copper wire exposed.

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



3 Install the panel

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.



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4.Snap on the panel cover

Slant the bottom of Super Panel PRO cover and snap it to the panel frame, as shown below. Then secure the Super Panel PRO cover to the frame from the bottom with a KM2 screw.

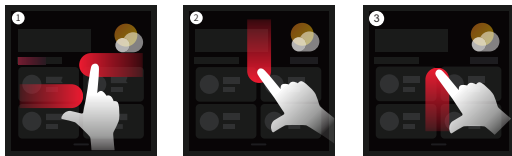


1 KM2 screw

Instructions to use Super Panel PRO

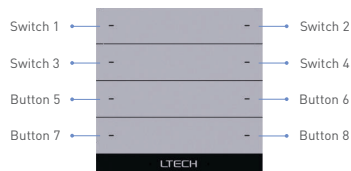
1. Swipe gesture control

- 1 After devices and scenes are added to Super Panel PRO, the system will automatically generate different types of pages. You'll be able to swipe left and right to switch to any device page.
- 2 Swipe down from the top of screen to access the control center; swipe up to close it.
- 3 Swipe up from the bottom of screen to access the button usage guidelines; swipe down to close it.



2.Physical buttons

There are eight physical buttons on the panel. The first four physical buttons are used to control relays by default. The App allows you to bind a device action/scene to each button. For more details, please refer to P12. You'll be able to swipe up from the bottom of screen to go to the button usage guidelines and view the functionality of each button; swiping down lets it close.



App Operating Instructions

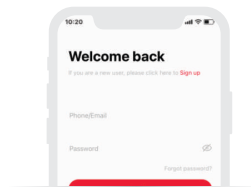
1. Register an account

- 1.1 Scan the QR code below with your mobile phone and follow the prompts to complete the app installation.



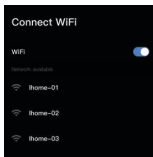
Scan and download the App

- 1.2 Open the App and log in or register an account.



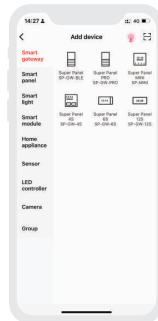
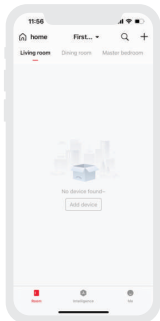
2. Configure the Super Panel PRO

Power on the Super Panel PRO and wait for a while to start it. Follow the page guidelines of panel to connect 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.



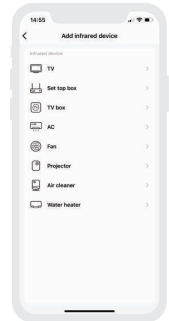
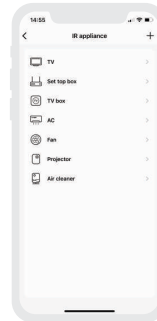
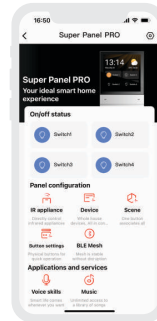
3. Bind your account

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 PRO" from the device list and follow the prompts to scan the QR code displayed on the Super Panel PRO screen, then complete your account binding.



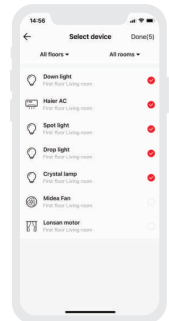
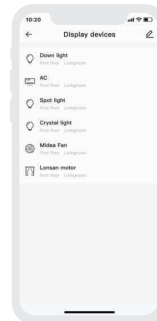
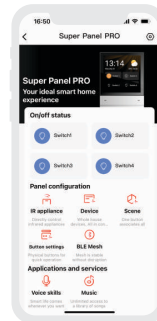
4. Add infrared devices

Go to the Super Panel PRO interface and click "IR 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 PRO.



5. Control devices with the Super Panel PRO

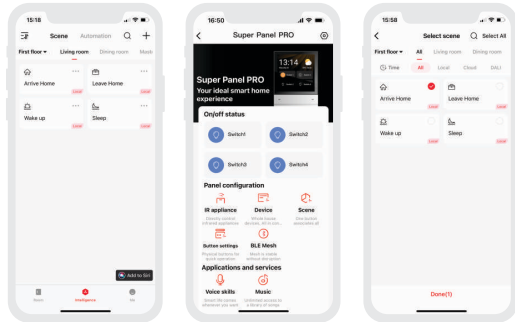
Please refer to manuals of related products. Follow the prompts to add the devices you want and access the Super Panel PRO interface. Click "Device" to go to "Display devices" interface. Then click the icon in the upper right corner to pick the devices you want to control with the Super Panel PRO and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



6. Control scenes with the Super Panel PRO

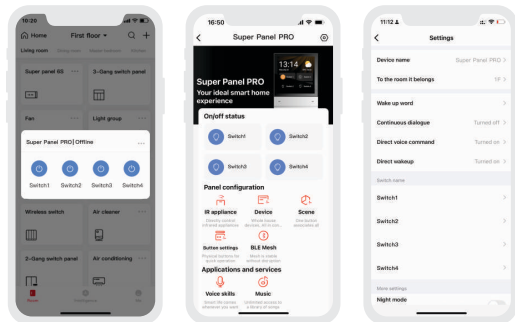
Create scenes: Get back to the homepage of the App. Switch to "Intelligence" menu and click "+" icon to add scenes. Follow prompts to modify names and icons for scenes, and click "Add action" to set up the action and delay time you want.

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



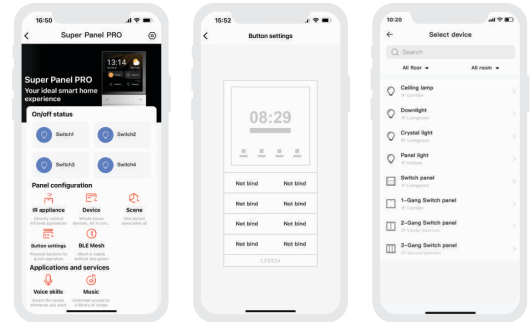
7. Set up the relay

In the "Room" interface, click the blank area of the Super Panel PRO card to get a popup and control Switch 1/Switch 2/Switch 3/Switch 4 quickly. Or you can go to Super Panel PRO interface to turn on/off the 4 channel relay by tapping Switch 1/Switch 2/Switch 3/Switch 4. Go to the Super Panel PRO settings and click the corresponding button to name the relay.



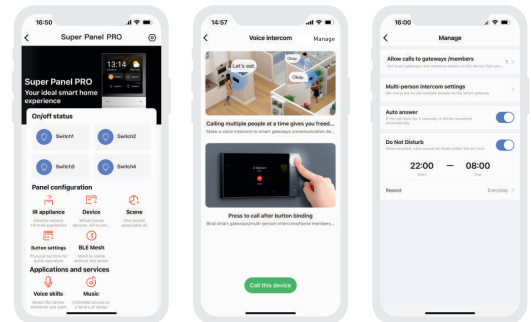
8. Set up the physical buttons

Go to the Super Panel PRO 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.



9. Voice intercom function

Voice intercom: Switch to the [Intelligence] menu and click "Voice intercom" to enter the interface of "Display device". At the top right, click "Manage", then follow the prompts to set up voice intercoms. Make voice intercoms to the APP on Super Panel PRO and vice versa. You can also make voice intercoms to or on other smart gateways/communication devices in your home.



FAQs

1.How to change the user account?

Super Panel PRO has one standard user account only. The Super Panel PRO that has been added needs to be deleted with the APP before your login.

2.How to restart the device?

Use an ejection pin to long press the reset key for 6s and release it until the LOGO is displayed on the screen, then 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

- Product installation and commissioning should be done by a qualified professional.
- LTECH products are non-waterproof and not lightningproof (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 extend 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 in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

* 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.



www.ltech-led.com

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.

ZHUHAI LTECH TECHNOLOGY CO., LTD.

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LTECH

Super Panel PRO

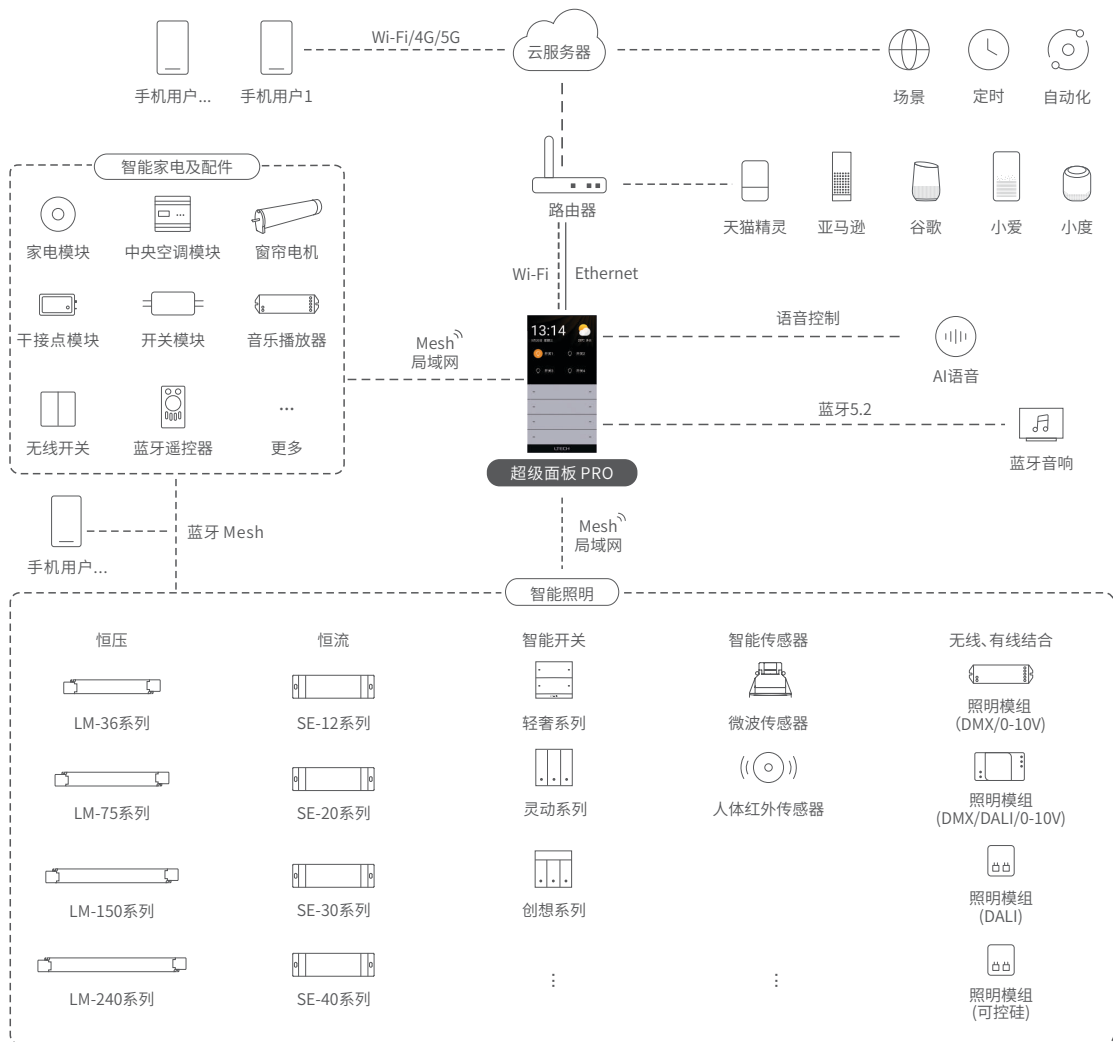
超级面板 PRO

使用说明书

www.ltech.cn

 Bluetooth®   RoHS

系统图



欢迎使用

Super Panel PRO是一款全宅智能家居控制面板，拥有720×720高清触控大屏。本产品兼容5G和2.4G双频段Wi-Fi，支持通过蓝牙5.0 SIG Mesh与智能子设备连接，也支持通过蓝牙5.2协议与智能音箱连接，实现全屋设备智能联动。此外，本产品还支持直连红外家电功能和语音呼叫功能，丰富自有的智能生态系统。本产品共有8个按键，其中4个按键带有4路继电器，可以直接控制传统灯具；也可以在APP上绑定设备动作/场景到各个按键。它可以实现一个面板控制全屋智能家居，整合按键、触摸、语音和APP四种交互方式。只需通过语音或按键，即可快速打开或关闭预定义的多种生活情景模式。

产品采用全向线双麦克风阵列设计，支持5米超远场拾音，内置光传感器、距离传感器，可自适应调节屏幕亮度和人体靠近屏幕自动唤醒功能，搭载咪咕音乐平台，高品质正版音频资源无限畅享。

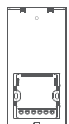
技术参数

型号	SP-GW-PRO
无线网络	Bluetooth 5.0 SIG Mesh, Wi-Fi 2.4G+5G, BLE 5.2
供电方式	100-240V~, 50/60Hz μ
显示屏	4.0英寸全贴合, 720×720分辨率
麦克风	双麦克风阵列
触控层	电容式多点触控, 防指纹涂层
扬声器	AAC 1151 喇叭
机身材质	航空铝材CNC工艺, PC+玻纤V0防火级别
距离传感器	30cm近距离感应, 自动唤醒
光线传感器	屏幕亮度适应环境光照
单路负载	LED≤300W, ⚡≤600W
负载路数	4路
负载抗浪涌电流	Max. 65A@2ms
工作温度	-15°C~50°C, 湿度≤85%RH
产品尺寸	L172×W86×H39.5(mm)
包装尺寸	L218×W132×H75(mm)
产品重量	380g
安装底座	标准86底盒
颜色类型	尊贵金属银、高级奢华灰、轻奢北欧灰、梦幻少女粉

包装清单



面板×1



底盒组件×1



说明书×1



KM4螺丝
(30MM×2/50MM×5)



KM2螺丝×2



KA4螺丝×1



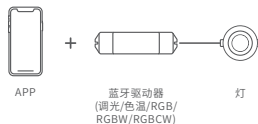
膨胀螺栓×2



螺丝刀×1

推荐应用搭配

1. APP无线控制，快捷控制灯具。



APP

蓝牙驱动器
(调光/色温/RGB/
RGBW/RGBCW)

灯

2. 超级面板PRO连接传统灯具后，APP添加超级面板PRO，可实现智能控制灯具。

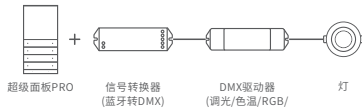


APP

超级面板PRO

灯

3. 无线+有线控制，丰富不同灯光应用。



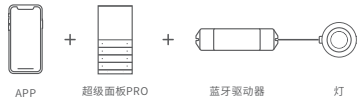
超级面板PRO

信号转换器
(蓝牙转DMX)

DMX驱动器
(调光/色温/RGB/
RGBW/RGBCW)

灯

4. 超级面板PRO，远程(4G, 5G, Wi-Fi)+本地局域网双模控制灯具。



APP

超级面板PRO

蓝牙驱动器

灯

5. 超级面板PRO，灯光与家电模组控制灯具，空调、窗帘电机等设备，自定义云场景和自动化应用。



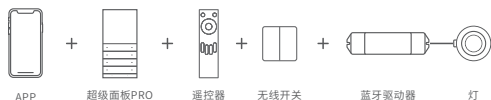
超级面板PRO

家电模块

蓝牙驱动器

灯

6. 多点控制，既能面板，遥控，无线开关同时控制灯具。



APP

超级面板PRO

遥控器

无线开关

蓝牙驱动器

灯

7. ...智能控制，更多应用搭配等您来设置。

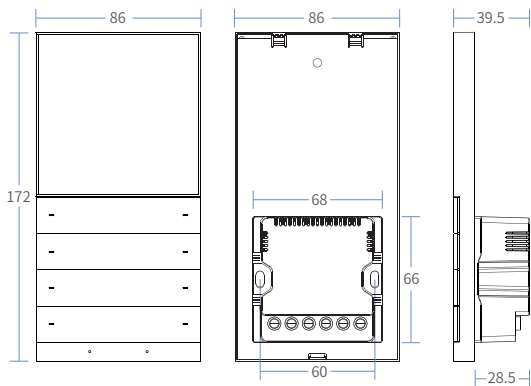
产品图示



* 系统重启: 使用取卡针, 长按6秒复位键直到屏幕显示LOGO后松开, 等待系统重启。
恢复出厂设置: 使用取卡针, 长按6秒复位键直到屏幕显示LOGO后松开, 在30秒内再次长按复位键6秒, 等待系统重启。

产品尺寸

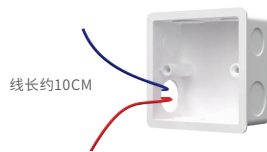
单位: mm



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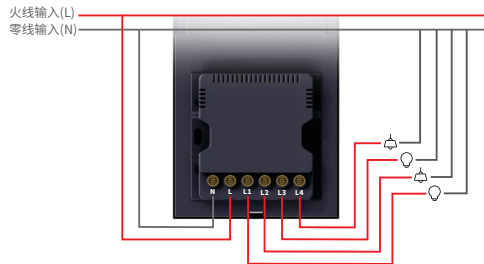
安装方法

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。



2. 接线

将火线接入面板底壳的L接口, 零线接入底壳的N接口, 负载灯线接入底壳L1/L2/L3/L4接口, 确认电源线与开关接线柱接触良好, 无裸露铜线。
(电子开关的前置保护装置不能高于35A)



3. 组装方式

在墙面标记螺丝孔位并打孔装入膨胀螺栓后, 在支架上方螺丝孔位使用KA4螺丝使支架贴合墙面; 用KM4螺丝将电源盒固定在墙壁暗盒上。

注意: 固定好支架使其不晃动, 并保持平整不变形。



6

4.扣合面板

倾斜面板并扣合在支架上，用KM2螺丝从面板底部将面板支架锁紧。

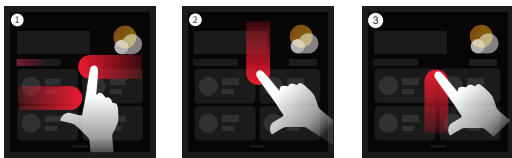


■ KM2螺丝

使用说明

一、手势操作

- ① 超级面板PRO添加设备和场景后，系统将自动生成不同类型的页面，您可以通过左右滑动屏幕切换设备卡片
- ② 从屏幕顶部向下滑动，可展开控制中心；向上滑动可收起。
- ③ 从屏幕底部向上滑动，可展开物理按键指引；向下滑动可收起。



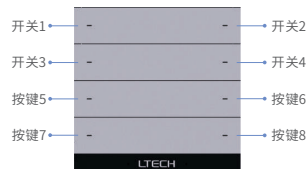
二、语音控制

可以语音唤醒后说出语音技能。不仅可以语音控制设备，还可以听音乐、听新闻等。更多语音技能，可通过超级面板PRO【控制中心】-【设置】-【语音控制】-【语音指引】查看。



三、物理按键

面板共有八个物理按键，前四个物理按键默认控制继电器，您可以在APP上绑定设备动作/场景到各个按键。详情请查看P12。
您可以从屏幕底部向上滑动，可展开物理按键指引，查看对应按键的功能；向下滑动可收起指引。



APP操作指引

1. 账号注册

- 1.1 通过手机扫描下方二维码，按提示完成APP安装。



扫码下载APP

1.2 打开APP进行登录/注册操作。



2. 配置超级面板

将超级面板PRO接通电源，等待设备启动。根据超级面板页面指引，连接设备工作的WiFi。连接成功后，界面呈现出设备二维码，完成配置。



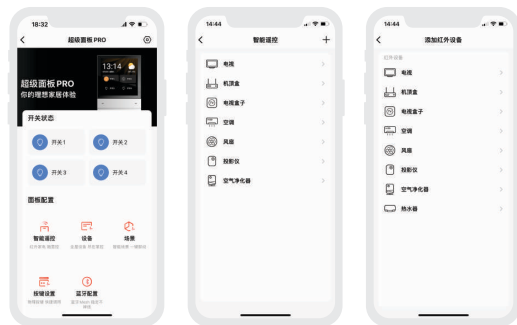
3. 账号绑定

新用户在上APP上创建家庭后，在【房间】界面点击右上角“+”进行添加设备，在添加设备列表选择“智能网关-超级面板PRO”后，按照界面提示，扫描超级面板PRO上的二维码，完成绑定。



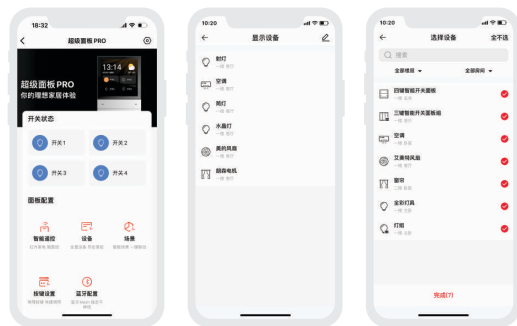
4. 如何添加红外设备

进入超级面板PRO的界面，点击“智能遥控”，点击右上角“+”，根据APP提示选择家电类型和品牌后完成添加，即可通过超级面板PRO控制红外家电。



5. 如何在面板上控制设备

请参照相关产品的说明书，按照提示添加完成设备。进入超级面板PRO的界面，点击“设备”进入显示设备界面。点击右上角图标，勾选您要在超级面板PRO上控制的设备后，点击保存即可在超级面板PRO上控制该设备。



6. 如何在面板上控制场景

创建场景：切换到【智能】菜单，点击右上角“+”创建场景，按照提示可以修改场景名称、图标等。点击“添加动作”设定您想要的动作以及延时时间。
显示场景：进入超级面板PRO界面，点击“场景”进入显示场景界面。点击右上角图标，添加您要超级面板PRO上控制的场景即可。



8. 物理按键设置

进入超级面板PRO的界面，点击“按键设置”进入设置界面。点击对应的按键，根据提示可以设置当前按键执行的设备动作/场景。



7. 继电器设置

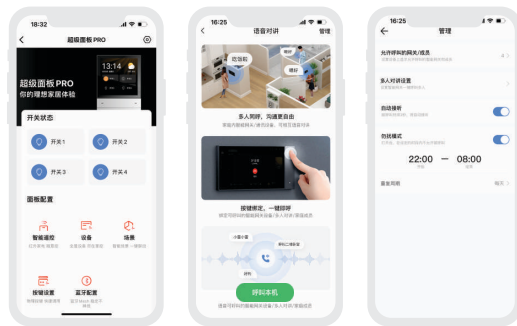
在【房间】页面，点击超级面板卡片空白处弹出继电器快捷控制，或进入超级面板PRO的界面，点击开关1/开关2/开关3/开关4可控制四路继电器的开关，或进入超级面板PRO的设置界面，点击对应的按键，可修改继电器的名称。



9. 语音对讲功能

语音对讲：切换到【智能】菜单，点击“语音对讲”进入显示设备界面，点击右上角“管理”按照提示可以设置语音对讲。

语音对讲支持APP与超级面板PRO互相呼叫，也支持接听智能网关面板的呼打。



常见问题及回答

1. 如何更换账号？

超级面板PRO采用一对一账号体系，被添加过的设备需要在APP删除后，才能重新添加。

2. 如何重启设备？

使用取卡针，长按6秒复位键直到屏幕显示LOGO后松开，等待系统重启。

3. 如何恢复出厂？

使用取卡针，长按6秒复位键直到屏幕显示LOGO后松开，在30秒内再次长按复位键6秒，等待系统重启即表示已恢复到出厂设置。

注意事项

- 本产品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，请使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；
- 安装时，避免靠近大面积金属物体，或堆叠摆放，以免信号干扰影响使用；
- 避免安装在雷区、强磁场和高压区域；
- 请检查使用的工作电压是否符合产品的参数要求；
- 通电调试前，确保所有接线正确且牢固，以免短路损坏部件，触发事故；
- 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

* 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。

保修条例

- 自出厂之日起保修服务期为2年。
 - 在保修服务期内出现产品质量问题雷特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：

- 已经超出保修期限的；
- 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；
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户唯一补救措施。雷特不承担任何附带引起的损害赔偿，除非在适用法律范围之内。

2. 雷特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。



 * 咪咕音乐提供的音乐服务将随运营规则调整而变化。



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