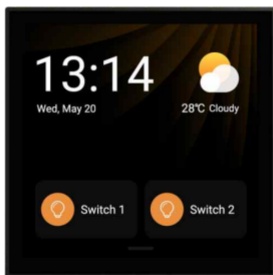


LTECH

Super Panel 4S

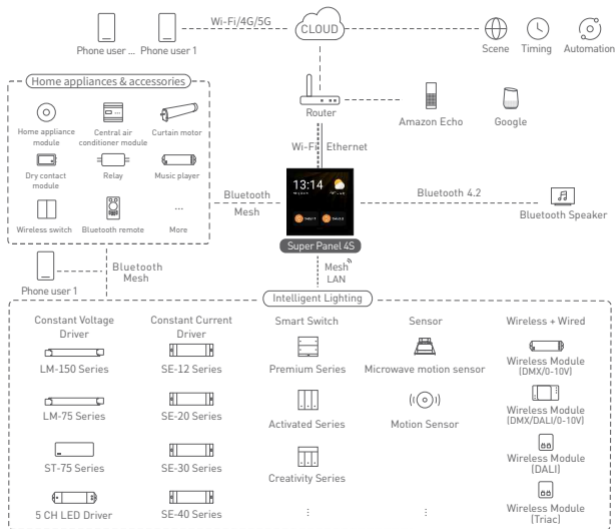
Model:SP-GW-4S



Manual

www.ltech-led.com

Application Diagram



Product Introduction

Super Panel 4S is a 4-inch touchscreen control panel. It supports wired and wireless connectivity such as Wi-Fi, Ethernet and Bluetooth 5.0 SIG Mesh. It can perform powerful intelligent gateway functions. Super Panel 4S also act as a 2-channel relay for connecting LED lamps. With the integrated IR capability, it allows users to directly control all their IR home appliances from one single panel.

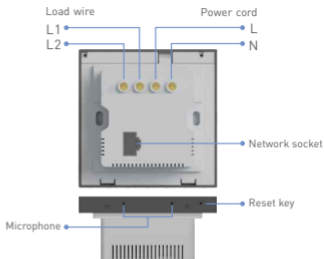
Super Panel 4S comes with a built-in 2-in-1 light and proximity sensor that enables auto screen brightness adjustment, as well as auto wakeup when nearby people approach. It combines touchscreen and App interaction. Users can preset multiple scenes via the App. It also supports local control with no Internet, no gateway needed.

It is installed in the 86 type junction box and enables more than 400 panel combinations by using the one-piece panel surrounds.

Technical Specs

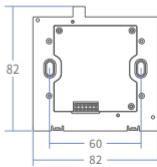
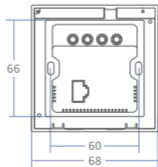
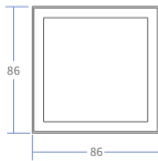
Model	SP-GW-4S
Wireless network	Bluetooth 5.0 SIG Mesh , Wi-Fi 2.4G+5G
Wired network	Ethernet
Input voltage	100-240V- , 50/60Hz
Display	4-inch full lamination , 480×480 resolution
Touchpad	Capacitive multi-touch screen , anti-fingerprint coating
Materials	PC+ V0 fireproof grade
Max. load power	≤200VA/CH [Capacitive load] , ≤400W/CH [Resistive load]
Working environment	-15°C-50°C , Humidity≤85%RH
Dimensions	L86×W86×H41[mm]
Package size	L110×W110×H59[mm]
Colors	Grey , Gold , White

Product Overview



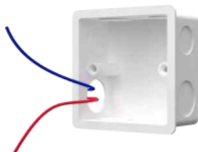
Product Size

Unit: mm

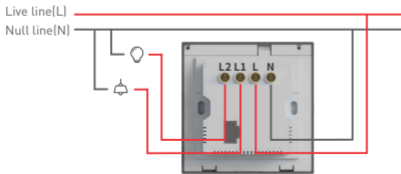


Installation Steps

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. Attach the live line to L socket of the panel and the null line to N socket. Make sure the wires are well connected to the switch terminals with no copper wire exposed. If necessary, connect the network cable to the network socket.



3. Insert the KM4 screws into the holes on two sides of the panel and secure the screws to fit the switch to the wall with a screwdriver.



4. Slant the bottom of the panel cover and snap it to the panel frame. Then secure the panel cover to the frame from the bottom with a KM2 screw.



Snap the panel cover down

Recommended Applications

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



Super Panel 4S Lamp

2. Connect to a traditional lamp and add Super Panel 4S to the APP , so you can intelligently control the lamp.



APP Super Panel 4S Lamp

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



APP Super Panel 4S Bluetooth driver Lamp

4. Control the lamp either with APP, Super Panel 4S or a remote, a wireless switch or a home appliance module.



APP Super Panel 4S Remote Wireless switch Home appliance module Bluetooth driver Lamp

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

Instructions to Use Super Panel 4S

- ① After devices and scenes are added on Super Panel 4S 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.



App Operating Instructions

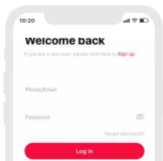
1. Register an account

- 1.1 Scan the QR code below with you 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.



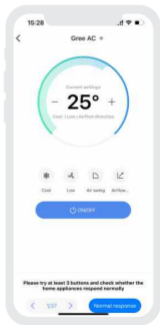
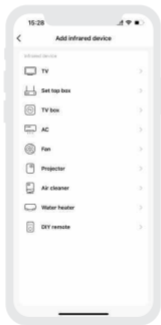
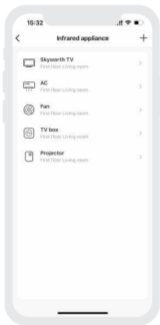
2. Bind your account

Power on the Super Panel 4S and wait for a while to start it. Follow the page guidelines of panel to connect the Wi-Fi. Open the APP and click “+” icon in the upper right corner and access the “Add device” page. Pick “Smart gateway-Super Panel 4S” from the device list and follow the prompts to scan the QR code displayed on the Super Panel 4S screen, then complete your account binding.



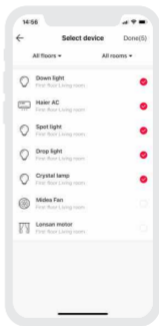
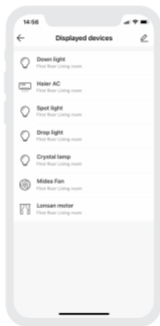
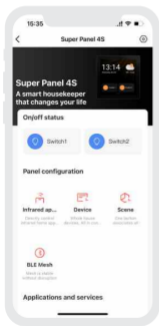
3. Add infrared devices

Go to the Super Panel 4S 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 4S.



4. Control devices with the Super Panel 4S

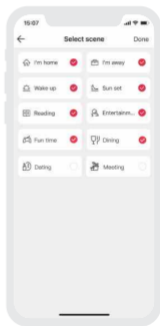
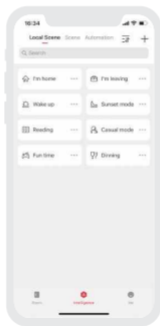
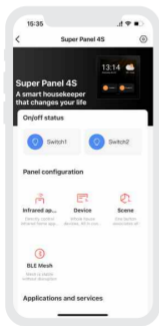
Please refer to manuals of related products. Follow the prompts to add the devices you want and access the Super Panel 4S interface. Click "Device" to go to "Displayed devices" interface. Then click the "+" icon in the upper right corner to pick the devices you want to control with the Super Panel 4S and save them.



5. Control scenes with the Super Panel 4S

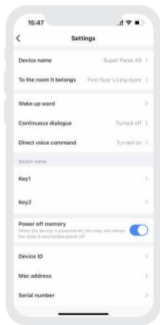
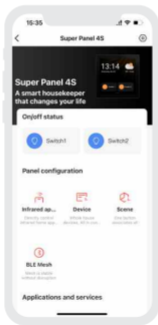
Create a scene: Switch to the "Intelligence" interface and click [+] icon to create a local scene/cloud scene. After setting the execution action and delay time, whole house device linkage can be realized.

Display scenes: Go to the Super Panel 4S control interface and click "Device" to access the "Display scenes" page. Then click the icon in the upper right corner to add the scenes you want to control with the Super Panel 4S.



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

In the "Room" interface, click the blank area of the Super Panel 4S card to get a popup and control Switch 1/Switch 2 quickly. Or you can go to the Super Panel 4S interface to turn Switch 1/Switch 2 on or off by tapping them. Go to the Super Panel 4S settings and click them to name the relay (Switch 1/Switch 2).



FAQs

1. How to change user accounts?

Super Panel 4S has one standard user account only. The Super Panel 4S 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 30 seconds, press the reset key again for 6 seconds. When the system restarts, it means the device has been reset to factory defaults.

Attentions

- Products shall be installed by qualified professionals.
 - LTECH products are non-waterproof [special models excepted]. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
 - 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.

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.

LTECH

超级面板 4S

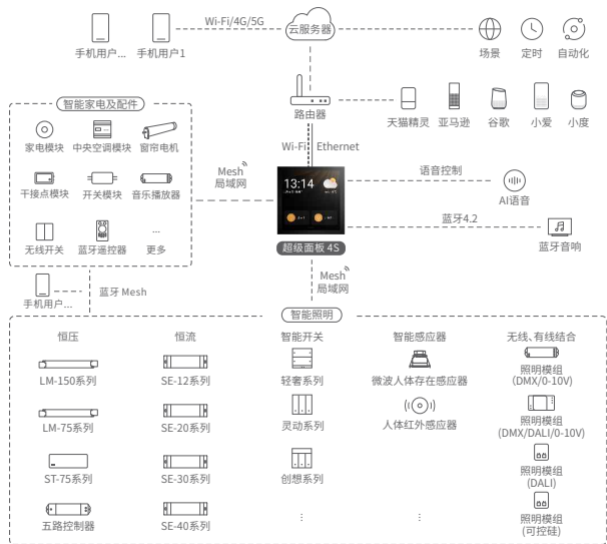
型号: SP-GW-4S



使用说明书

www.ltech.cn

系统图



欢迎使用

Super Panel 4S是一款4英寸的智能家居控制面板屏，内置强大的蓝牙5.0 SIG Mesh 智能网关功能，兼容5G和2.4G双频Wi-Fi、以太网多种通讯方式，具有两路继电器可直接控制负载灯具，以及具有红外控制能力，实现传统灯具秒变智能家电。

产品采用深度降噪算法的双麦克风阵列设计，有效过滤杂音，提取更清晰的人声。内置光感距离二合一传感器，可自适应调节亮度，支持人体靠近屏幕自动唤醒功能，搭载咪咕音乐平台，高品质正版音乐无线畅听。

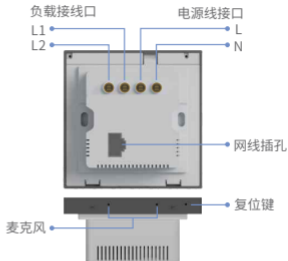
支持触控、语音交互及APP远程操控，持有高可用全链路语音对话技术，可进行多功能场景设定，可以支持本地化控制，实现断网亦可控、更快更稳定的智控功能。

标准86型底座设计，搭配一体式联排边框，400+种联排组合随心配。

技术参数

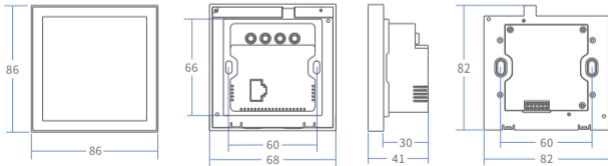
型号	SP-GW-4S
无线网络	Bluetooth 5.0 SIG Mesh, Wi-Fi 2.4G+5G
有线网络	以太网
输入电压	100-240Vac, 50/60Hz
显示屏	4.0英寸全贴合, 480×480分辨率
麦克风	双麦克风阵列
触控层	电容式多点触控, 防指纹涂层
扬声器	AAC 1813喇叭
机身材质	PC+V0防火级别
负载通断功率	≤200VA/路(容性负载), ≤400W/路(阻性负载)
工作温度	-15°C~50°C, 湿度≤85%RH
产品尺寸	L86×W86×H41(mm)
包装尺寸	L110×W110×H59(mm)
颜色类型	莫奈灰、梵高金、雷曼白

产品图示



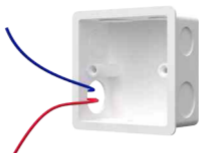
产品尺寸

单位: mm

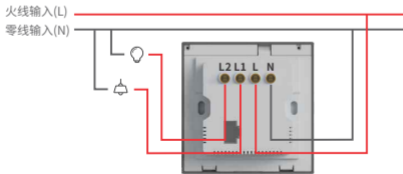


安装步骤

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。



2.将火线接入面板底壳的L接口，零线接入底壳的N接口，各路灯控线依次接入L1/L2接口，确认电源与开关接线柱接触良好，无裸露的铜线。如需接网线，将网线接入网线插孔。



3. 用KM4螺丝将底盒固定到墙壁暗盒中，使底盒贴合墙面。

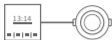


4. 倾斜面板并扣合在支架上，用KM2螺丝从面板底部将面板支架锁紧。



应用组合

1. 超级面板4S连接灯具，可实现快捷控制灯具。



超级面板 4S 灯

2. 超级面板4S连接传统灯具后，APP添加超级面板4S，可实现智能控制灯具。



APP 超级面板 4S 灯

3. APP搭配超级面板 4S，实现远程（4G、5G、Wi-Fi）+本地局域网两种模控制灯具。



APP 超级面板 4S 蓝牙驱动器 灯

4. APP，智能面板、遥控、无线开关、家电模块都可以控制灯具。



APP 超级面板 4S 遥控器 无线开关 家电模块 蓝牙驱动器 灯

5. ...智能控制，更多应用搭配等您来设置。

使用说明

1. 手势操作

- ① 超级面板 4S 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；从屏幕底部向上滑动可收起。



2. 语音控制

可以通过唤醒词来唤醒语音技能，不仅可以语音控制设备，还可以听音乐，听新闻等等。更多功能，请进入超级面板4S【控制中心】-【设置】-【语音控制】了解更多。



APP操作说明

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。



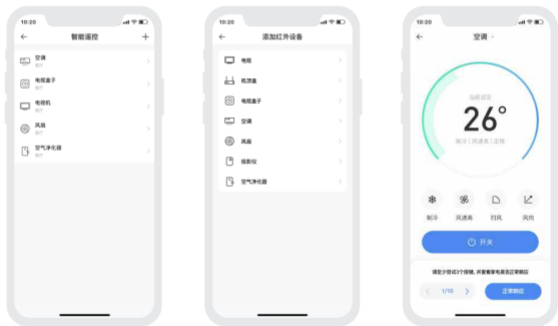
2. 账号绑定

将超级面板 4S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Wi-Fi。打开APP，点击右上角“+”进入添加设备列表，在添加设备列表选择“智能网关-超级面板4S”后，按照界面提示，扫描超级面板上的二维码，完成绑定。



3. 如何添加红外设备

进入超级面板 4S 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，即可通过超级面板控制红外家电。



4. 如何在面板上控制设备

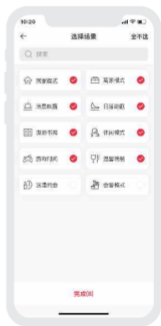
请参照相关产品的说明书，按照提示添加完成设备后，进入超级面板 4S 的控制界面，点击“设备”进入显示设备界面。点击右上角“+”图标，勾选需要在超级面板 4S 控制的设备后，保存即可在超级面板 4S 上控制该设备。其他设备同理。



5. 如何在面板上控制场景

创建场景：切换到“智能”界面，点击【+】创建本地场景/云场景。设置执行动作和延时后，即可实现全屋设备联动。

显示场景：进入超级面板4S控制界面，点击“设备”进入显示场景界面。点击右上角图标，添加您要在超级面板4S上控制的场景即可。



6. 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4S的界面，点击开关1/开关2可控制两路继电器的开/关，或进入超级面板4S的设置界面，点击对应的按键，可修改继电器的名称。



常见问题

1. 如何更换账号？

超级面板 4S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秒复位键直到界面显示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，需避免日晒雨淋。如安装在户外，请使用防水箱；
- 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。

合作伙伴：



* 咪咕音乐提供的音乐服务将随运营规则调整而变化。

更新时间: 2023.01.30_A0 15