

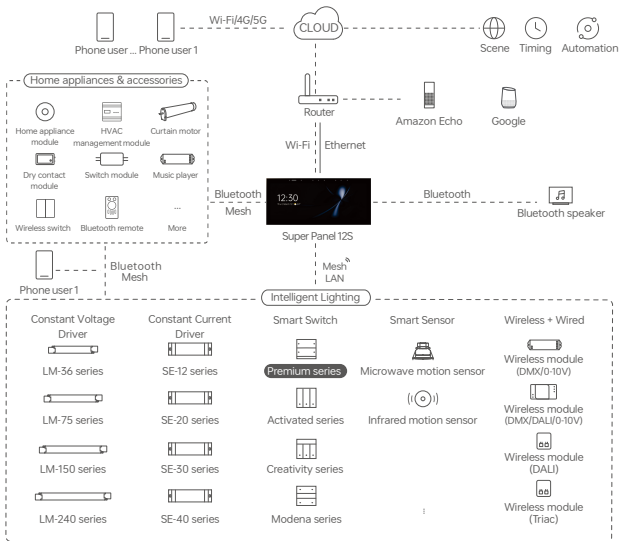
# Xiaolei

## Smart Switch (4-Gang)



Manual  
[www.xiaolei.com.cn](http://www.xiaolei.com.cn)

# System Diagram



## Product Introduction

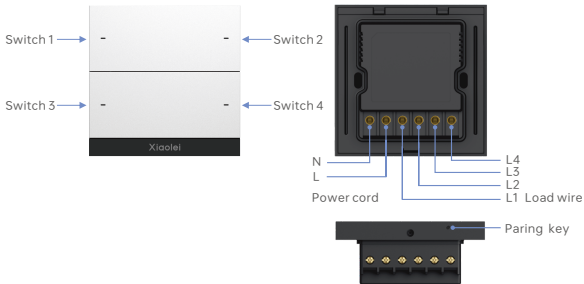
- Features CNC-machined aluminum alloy buttons in a variety of colors to perfectly complement different interior design styles;
- The Bluetooth 5.0 SIG Mesh communication protocol, combined with a four-channel relay, allows for direct control of connected lighting fixtures, instantly transforming traditional lights into smart home devices;
- Features full on/off functionality, making it both energy-efficient and safe;
- Supports wireless Bluetooth drivers for on/off, dimming and color tuning of lights.;
- When paired with a smart gateway, it enables a wide range of cloud-based scenarios, cloud automation, and local automation control options;
- When paired with a smart gateway, it enables a wide range of cloud-based scenarios, cloud automation, and local automation control options;
- Standard 86-series junction box design-no modifications required; ready to install and use.

## Technical Specs

Model	S4M
Wireless Type	Bluetooth 5.0 SIG Mesh
Rated Parameter	220V~, 50/60Hz, $\mu$
Rated Load	LED $\leq$ 200W,  $\leq$ 400W
Channel of Load	4CH
Inrush Current in Loads	Max.65A@2ms
Operating Temperature	-20°C~55°C
Operating Humidity	$\leq$ 80%RH
Color Available	Grey/ Pink/ Space Gray/ Silver/ Gold
Net Weight	160g
Product Size(LxWxH)	L86×W86×H36.5(mm)
Package Size(LxWxH)	L102×W102×H60(mm)

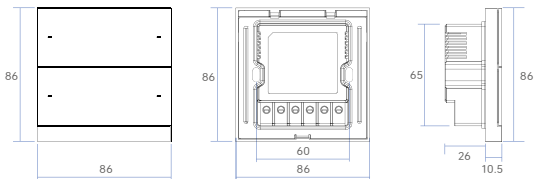


## Product Images



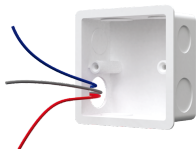
## Product Size

Unit: mm



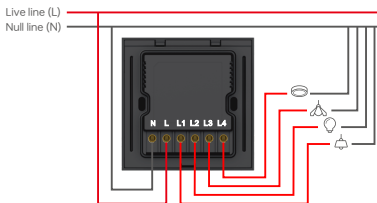
## Installation Steps

① Turn off the main power switch and make sure there is no cement or other debris on the inside walls of the junction box. Trim the power cord inside the junction box to about 10 cm.



② Connect the live wire to the L terminal on the smart switch's junction box, the neutral wire to the N terminal, and the load power wires to the L1/L2/L3/L4 terminals. Ensure that the power wires make good contact with the switch terminals and that there are no exposed copper wires.

(The pre-protection device of the electronic switch cannot be higher than 35A)



③ Secure the bracket to the wall box with screws so that it lies flush against the wall.



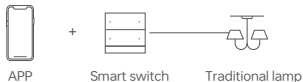
④ Tilt the panel and snap it into place on the bracket, then secure it from the bottom of the panel using KM2 screws.



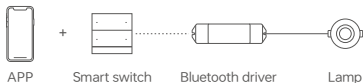
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## Recommended Applications

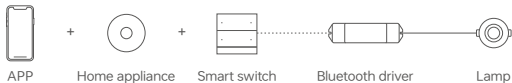
1. Connect to traditional lamps and turn them into smart ones.



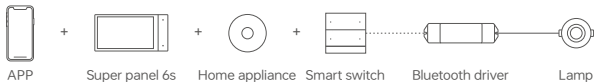
2. Work with a Bluetooth LED driver to wirelessly control lamps.



3. Support local scenes that can still run without the Internet or a gateway.



4. Work with a smart gateway to realize visual control and automation.



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

# App Operating Instructions

## 1. Register an account

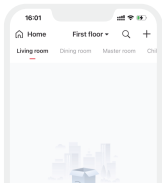
Scan the QR code below with you mobile phone and follow the prompts to complete the app installation. Then open the App and log in or register an account.



Scan and download the App

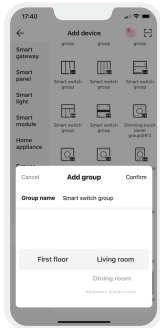
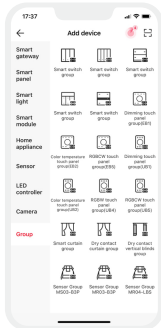
## 2. Connect to the network

Create a home if you are a new App user. Click [ + ] icon in the upper right corner of “Room” interface to access “Add device” list. Pick [Smart switch] and follow the on-screen prompts to add the device.



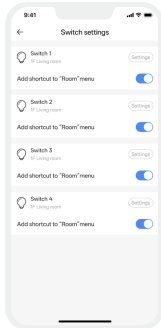
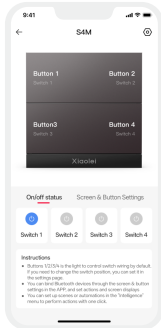
### 3. Create a panel group

Click [ + ] icon in the upper right corner of “Room” interface to access “Add device” list. Pick [Group-Smart switch group]. Create a smart switch group, then rename the group and set up the room it belongs to. Pick devices you want to add to the group. Once the group is created, the data of sub devices will be synchronized with other switches in this group. So you can control the group devices simultaneously.



## 4. Independent Control Function of the Relay

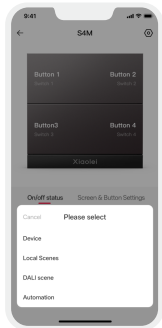
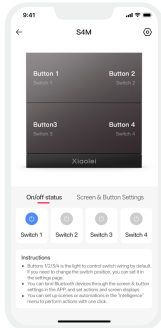
Select [On/off status] at the bottom of the control details page to directly control the relay. In the “Settings” page, the “Switch Settings” option allows you to set up the relay's quick access card.



## 5. Bind a device

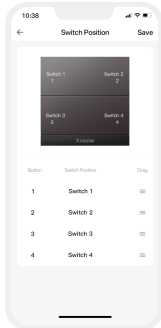
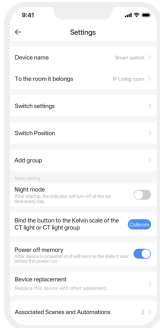
Switch to “Room” interface and click the smart switch you have added to access its control interface.

Long press the switch button on the screen you want to bind. Or switch to “Key Settings” and select a binding device by clicking [Device] , then set up the action on this switch button, then save your setting.



## 6. Default Position Adjustment of the Switch

You can customize the default position of the relay via the “Switch Position” option on the [Settings] page to achieve personalized device configuration.



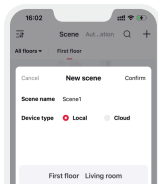
## 7. Local scene

Create a local scene:

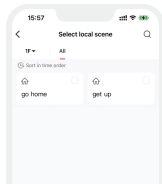
Switch to “Intelligence” interface and click [ + ] icon in the upper right corner to add a local scene. After you set up the action performed in this scene, the local linkage with the Bluetooth device can be achieved.

Bind a local scene:

Click the smart switch you have added to access its control interface. Long press the switch button on the screen you want to bind. Or switch to “Key Settings” and select a binding device by clicking [Scene], then set up the action on this switch button, then save your setting.



Create a local scene



Bind a local scene

## 8. Cloud scene and automation

Please be sure a smart gateway device is added to your home, such as Super Panel 12S.

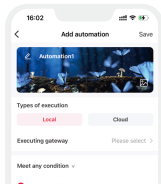
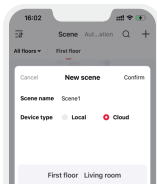
Cloud scene:

Switch to “Intelligence” interface and click [ + ] icon in the upper right corner to add a cloud scene. After you set up the action performed in this cloud scene, the remote linkage can be achieved.

Automation:

Tap “Automation” in “Intelligence” interface and click [ + ] icon to create automation. You can choose local or cloud execution option, then set the trigger conditions and executing action. When the conditions you set are met, a series of device actions will be automatically triggered to perform and remote linkage is achieved as well.

Note: You can set the smart switch to act as the trigger condition and as the executing action.



## FAQs

### 1. What should I do if the device can't be found?

Please check the following:

- 1.1 Ensure the device is properly powered on and activated;
- 1.2 Ensure your phone is as close to the device as possible; we recommend keeping the distance within 15 meters;
- 1.3 Ensure the device has not been added to any other account; if it has, please manually restore it to factory settings.

### 2. How do I restore factory settings?

Method 1: Use a SIM card ejector pin to press and hold the pairing button on the bottom of the smart switch for 6 seconds until all indicator lights begin to flash slowly. This indicates that the device has been reset to factory settings.

Method 2: Press and hold the fourth button for 15 seconds until all button indicator lights begin to flash rapidly, then release it. Within 3 seconds, quickly press the same button three times. The indicator lights will flash slowly. Once the device has been reset to factory settings, the indicator lights will flash rapidly for 3 seconds.

## Attentions

- Products shall be installed by qualified professionals.
- 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.

## 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.

\* 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.

# Xiaolei

## 智能开关

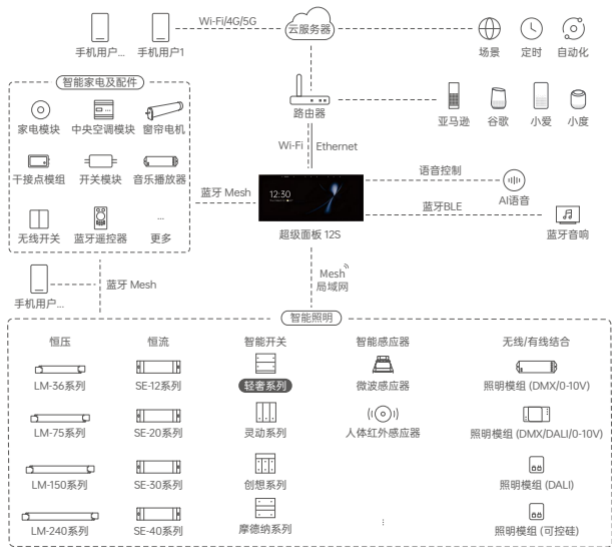
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使用说明书

[www.xiaolei.cn](http://www.xiaolei.cn)

# 系统图



## 产品介绍

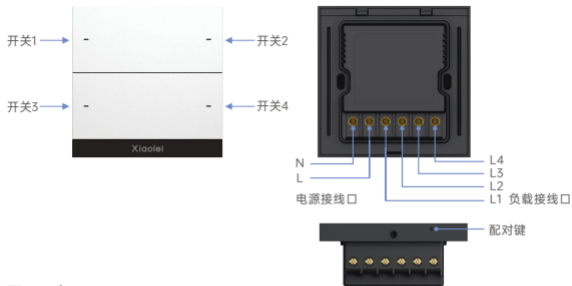
- 采用CNC铝合金按键，多种颜色选择，完美搭配不同的装修风格；
- 蓝牙5.0 SIG Mesh通信协议搭配四路继电器，可直接控制负载灯具，传统灯具秒变智能家电；
- 具有完全通断的功能，节能又安全；
- 可搭配无线蓝牙驱动器，实现灯光开关、调光、调色控制；
- 可搭配智能网关实现丰富的云场景、云自动化、本地自动化控制方式；
- 支持本地场景，去网关，断网可控，更快更稳定；
- 标准86底盒结构设计，无需改造，即装即用。

## 技术参数

产品型号	S4M
无线类型	Bluetooth 5.0 SIG Mesh
额定参数	220V~, 50/60Hz, $\mu$
单路负载	LED $\leq$ 200W, $\odot$ $\leq$ 400W
负载路数	4路
负载抗浪涌电流	Max.65A@2ms
工作温度	-20°C~55°C
工作湿度	$\leq$ 80%RH
颜色类型	尊贵金属银 / 轻奢北欧灰 / 轻奢深空灰 / 奢华香槟金 / 梦幻少女粉
产品净重	160g
产品尺寸	L86×W86×H36.5(mm)
包装尺寸	L102×W102×H60(mm)

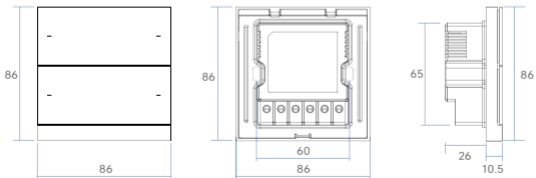


## 产品图示



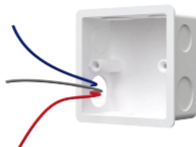
## 产品尺寸

单位: mm



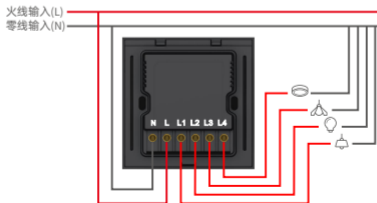
## 安装步骤

①关闭电源总闸，并确认暗盒内壁无水泥等附着物，将暗盒内的电源线长度修剪到10CM左右。



②将火线接入智能开关底盒的L接口，零线接入底盒的N接口，负载电源线接入底盒的L1/L2/L3/L4接口，确认电源线与开关接线柱接触良好，无裸露的铜线。

(电子开关的前置保护装置不能高于35A)



③用螺丝将支架固定到墙壁暗盒中，使其支架贴合墙面。

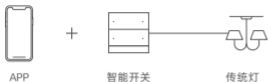


④倾斜面板并扣合在支架上，用KM2螺丝从面板底部锁紧。

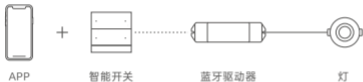


# 应用组合

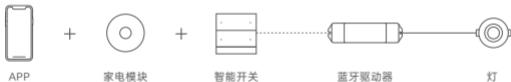
## 1. 连接传统灯具，秒变智能灯具。



## 2. 搭配蓝牙驱动器，实现无线控制灯具。



## 3. 支持本地场景，去网关，断网可控。



## 4. 搭配智能网关，实现可视化控制，云场景、自动化联动。



## 5. ...智能控制，更多应用搭配等您来设置。

# APP操作说明

## 1. 账号注册

通过手机扫描下载二维码，按提示完成APP安装后即可进行登录/注册操作。



扫码下载L-Home APP

## 2. 配网操作

新用户APP上创建家庭后，在【房间】界面点击右上角“+”进行添加，在添加设备列表中选择“智能面板”后，按照界面提示完成添加即可。



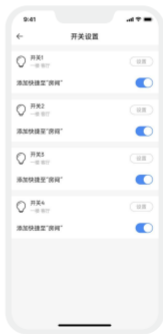
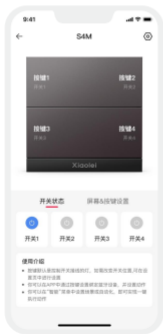
### 3. 创建面板组

在“房间”界面点击右上角【+】进行添加，在添加设备中选择【群组—智能开关组】，创建群组并设置群组名称及所属房间，点击要加入群组的设备即可。创建成功后，群组内的子设备将同步面板组的数据，实现同步控制。



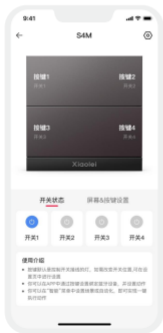
## 4. 继电器单独控制功能

选择控制详情页面下方的“开关状态”即可直接控制继电器。在【设置】页面的“开关设置”选项可设置继电器快捷卡片。



## 5. 绑定设备

切换到【房间】界面，点击已添加的智能开关进入【控制】界面。长按界面中的对应按键或切换到“按键设置”，选择绑定对象【设备】后，再选择对应动作，点击保存即可。



## 6. 开关默认位置调整

在【设置】页面的“开关位置”选项可自定义继电器的默认位置，实现个性化的设备配置。



## 7. 本地场景

创建本地场景：

切换到“智能”界面，点击右上角【+】创建本地场景，设置执行动作后，即可实现蓝牙设备的本地联动。

绑定本地场景：

点击已添加的智能开关进入【控制】界面。

长按界面中的对应按键或切换到“按键设置”，选择绑定对象【场景】后，再选择对应动作，点击保存即可。



创建本地场景



绑定本地场景

## 8. 云场景与自动化

确保家庭内已添加智能网关，如超级面板12S。

云场景：

切换到“智能”界面，点击【+】创建云场景。设置执行动作后，即可实现远程联动。

自动化：

在“智能”界面中选择【自动化】，点击【+】创建自动化。可选择本地/云端执行方式，以及设置触发条件及执行动作，当满足已设置的触发条件时，自动触发一系列设备动作，实现远程联动。

注：智能开关既可设置为触发条件，亦可作为执行动作。



## 常见问题

### 1. 设备一直搜索不到怎么办？

请检查以下选项：

- 1.1 确保设备正常通电，并且处于激活状态；
- 1.2 确保手机与设备两者尽量靠近，建议不超过15米；
- 1.3 确保设备未被添加过，如被添加过，请手动恢复出厂。

### 2. 如何恢复出厂？

方法一：使用取卡针长按智能开关底部配对键6秒，直到全部指示灯慢闪，即表示设备已恢复到出厂状态。

方法二：长按第四个按键15秒，直到所有按键指示灯快闪后松开，在3秒内短按同一按键3次，指示灯慢闪，设备恢复到出厂状态后，指示灯快闪3秒。

## 注意事项

- 请由具有专业资格的人员进行调试安装；
- 雷特产品(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；
- 请检查使用的工作电压是否符合产品的参数要求；
- 使用的电线直径大小必须能足够负载连接的LED灯具，并确保接线牢固；
- 通电调试前,应确保所有接线正确，以避免因接线错误而导致灯具损坏；
- 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科技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：

- 已经超出保修服务期；
- 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；
- 无雷特科技签订的合同或发票凭证。

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