LTECH

Super Smart Switch

(Smart Knob Switch)

Manual

System Diagram

Phone user...   Phone user 1   Wi-Fi/4G/5G   CLOUD   Scene   Timing   Automation

Home appliances & accessories

Home appliance module   HVAC management module   Curtain motor

Dry contact module   Relay   Music player

Wireless switch   Bluetooth remote   More

Router   Amazon Echo   Google

Wi-Fi   Ethernet

Bluetooth Mesh   12:58   Bluetooth 4.2

Super Panel 6S   Bluetooth speaker

Phone user...   Bluetooth Mesh   Mesh LAN

Intelligent Lighting

Constant Voltage	Constant Current	Smart Switch	Smart Sensor	Wireless + Wired
LM-36 series	SE-12 series	Premium series	Microwave motion sensor	Wireless module (DMX/0-10V)
LM-75 series	SE-20 series	Activated series	Infrared motion sensor	Wireless module (DMX/DALI/0-10V)
LM-150 series	SE-30 series	Creativity series		Wireless module (DALI)
LM-240 series	SE-40 series	...	...	Wireless module (Triac)

Product Features

- Control on/off, brightness, light colors by pressing or rotating the knob.
- Endless rotation knob. Set the knob sensitivity, adjust lighting effects or device actions via APP.
- Bluetooth 5.0 SIG Mesh with strong networking capability makes local control reliable and stable.
- Work with a smart gateway to achieve a variety of automation.
- Designed with 86 type junction box. Available in over 400 panel combinations using the unified panel mounting frames.

Technical Specs

Model	SQ
Wireless Type	Bluetooth 5.0 SIG Mesh
Power Supply	Null and live line powered
Rated Parameter	100-240V~，50/60Hz
Working Temperature	-20°C~55°C
Working Humidity	≤80%RH
Net Weight	160g
Dimensions	86×86×54mm (L×W×H)
Colors Available	Grey，Gold，White

Bluetooth® CE RoHS

Product Images

Live Line   Null Line

L   N

Knob

Product Size

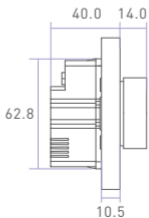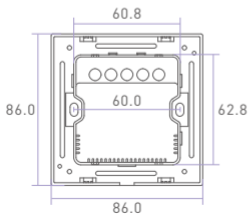Unit: mm

60.8

86.0   60.0   62.8

86.0

40.0   14.0

62.8

10.5
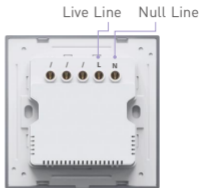
Knob Instructions

Single press

Double press

Rotate

Long press

Note: Knob actions will vary depending on the device you bind to it.

Action Device	Single press	Double press	Rotate	Long press
DIM light	ON/OFF	No device action	Adjust BRT	BRT ±
CT light	ON/OFF	Switch mode [BRT/CT]	Adjust current mode [BRT/CT]	BRT ±
RGB light	ON/OFF	Switch mode [BRT/RGB]	Adjust current mode [BRT/RGB color]	BRT ±
RGBW light	ON/OFF	Switch mode [RGBW/RGB/W]	Adjust current mode [RGBW/RGB color/W]	Current mode's BRT ±
RGBCW light	ON/OFF	Switch mode [RGBCW/RGB/CW]	Adjust current mode [RGBCW/RGB color/CW color]	Current mode's BRT ±

Single press	Double press	Rotate	Press and rotate

Note: Knob actions will vary depending on the device you bind to it.

Action / Device	Single press	Double press	Rotate	Press and rotate
Music player	Play music	Pause music	Left rotation (Volume−) Right rotation (Volume+)	Left rotation (Previous song) Right rotation (Next song)
Bluetooth curtains	Open/Close	Pause	Adjust curtain fullness (Left rotation:Open) (Right rotation:Close)	No device action
Vertical blinds	Open/Close	Pause	Blinds direction (Left rotation:Moving blinds to the left) (Right rotation:Moving blinds to the right)	No device action

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. Detach the switch plate from the switch with a flat head screwdriver.

② Attach the live line to L socket of the switch and the null line to N socket. 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 Insert the screws into the holes on two sides of the switch and secure the screws to fit the switch to the wall with a screwdriver.

④ Slant the switch plate and snap it on the switch. Finally, turn on the circuit breaker and press the knob. If the light can be controlled normally, it means the switch has been installed correctly.

Step 1: Snap the switch plate down

Step 2: Snap on the switch plate on the bottom

Note: If you want to install multiple panels into one row, please refer to the panel mounting frame manual for detailed instructions

Recommended Applications

1. Work with a Bluetooth LED driver to wirelessly control the lamp.

APP   +   Knob switch   +   Bluetooth driver   Lamp

2. Work with a Bluetooth music player to play music freely.

APP   +   Knob switch   +   Music player   Bluetooth speaker

3. Work with a Bluetooth curtain motor to intelligently control the curtains.

APP   +   Knob switch   +   Bluetooth curtains

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

APP   +   Super panel 6s   +   Home appliance   +   Knob switch   +   Bluetooth driver   Lamp

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.


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" page. Pick【Smart switch】from the list and follow the on-screen prompts to add the device.
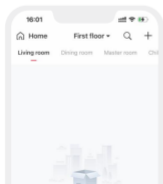
3. Bind a device

In "Room" interface, click the smart switch you have added to access its control interface. Long press the knob on the screen and select the device you want to bind by tapping【Device】, then save your setting.
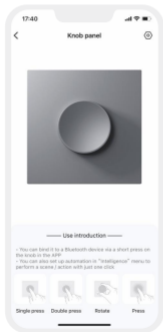
4. Automation

Please be sure a smart gateway is added to your home, such as Super Panel 6S.

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.
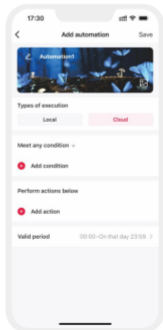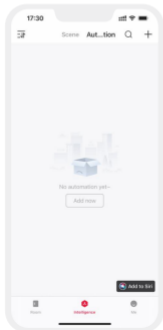
FAQs

1. How to reset a switch to factory defaults?

Long press the knob for 15s and release it until the indicator light flashes fast. Within 3s, short press the knob 3 times and the indicator light flashes slowly, which means the switch has been reset to factory defaults.

2. What should I do if I fail to search the device via APP?

Please check below:

• Please make sure the device is powered on normally and is in the activated state.

• Please keep you mobile phone and device as close as possible. The recommended distance between them is no more than 15 meters.

• Please make sure the device hasn't been added yet. If it has, please reset the device to factory defaults manually.

Attentions

• This product must be installed and adjusted by a qualified professional.

• Good heat dissipation will extend the life the product. Please install the product in a environment with good ventilation.

• When you install this product, please avoid being near a large area of metal objects or stacking them to prevent signal interference.

• Before you power on the product, please make sure all the wiring is correct in case of incorrect connection that may cause a short circuit and damage the components, or trigger a accident.

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.
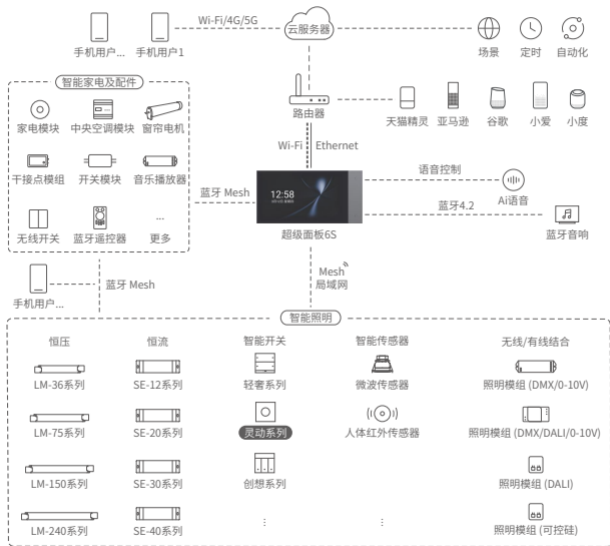
LTECH

超级智能开关

(智能旋钮开关)

系统图

手机用户...　手机用户1　Wi-Fi/4G/5G　云服务器　场景　定时　自动化

路由器　天猫精灵　亚马逊　谷歌　小爱　小度

智能家电及配件

家电模块　中央空调模块　窗帘电机

干接点模组　开关模块　音乐播放器

无线开关　蓝牙遥控器　更多

Wi-Fi　Ethernet

蓝牙 Mesh

12:58

超级面板6S

语音控制

蓝牙4.2

Ai语音

蓝牙音响

手机用户...　蓝牙 Mesh

Mesh
局域网

智能照明

恒压	恒流	智能开关	智能传感器	无线/有线结合
LM-36系列	SE-12系列	轻奢系列	微波传感器	照明模组 (DMX/0-10V)
LM-75系列	SE-20系列	灵动系列	人体红外传感器	照明模组 (DMX/DALI/0-10V)
LM-150系列	SE-30系列	创想系列		照明模组 (DALI)
LM-240系列	SE-40系列	⋮	⋮	照明模组 (可控硅)

01

产品介绍

- 旋钮式超精准智控，一旋一按，开关、调光、调色随心切换；
- 无级调节旋钮，可通过APP设置旋钮灵敏度，随心调节灯光或设备效果；
- 蓝牙 5.0 SIG Mesh 通信协议，组网能力强，本地控制可靠稳定；
- 搭配智能网关可实现丰富的自动化控制；
- 标准86底盒设计，400+联排组合，一体化安装框架。

规格参数

产品型号	SQ
无线类型	Bluetooth 5.0 SIG Mesh
供电方式	零火线供电
额定参数	100-240V~，50/60Hz
工作温度	-20°C~55°C
工作湿度	≤80%RH
产品净重	160g
产品尺寸	86×86×54mm (L×W×H)
颜色类型	莫奈灰、梵高金、雷曼白

Bluetooth®   CE   RoHS

产品图示

火线 零线

旋钮

产品尺寸

单位: mm

60.8

86.0

60.0

62.8

86.0

40.0 14.0

62.8

10.5

03
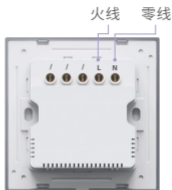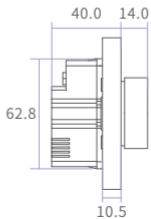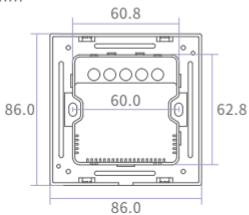
旋钮使用介绍

单击　　　　　　双击　　　　　　旋转　　　　　　长按

注：根据绑定不同的设备具有不同的操作。

设备 ＼ 动作	单击	双击	旋转	长按
DIM灯	开/关	无动作	调节亮度	亮度±
Ct灯	开/关	切换模式 (亮度/色温)	调节当前模式 (亮度/色温)	亮度±
RGB灯	开/关	切换模式 (亮度/RGB)	调节当前模式 (亮度/RGB颜色)	亮度±
RGBW灯	开/关	切换模式 (总亮度/RGB/W)	调节当前模式 (总亮度/RGB颜色/W)	当前模式亮度±
RGBCW灯	开/关	切换模式 (总亮度/RGB/CW)	调节当前模式 (总亮度/RGB颜色/CW颜色)	当前模式亮度±

| 单击 | 双击 | 旋转 | 按住旋转 |

注：根据绑定不同的设备具有不同的操作。

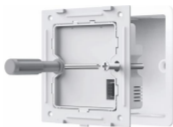| 动作 设备	单击	双击	旋转	按住旋转
音乐播放器	播放	暂停	左旋: 音量− 右旋: 音量+	左旋: 上一首 右旋: 下一首
蓝牙窗帘	开/关	暂停	调节窗帘开合百分比 左旋: 开 右旋: 关	无动作
梦幻帘	开/关	暂停	叶片旋转方向 左旋: 左转 右旋: 右转	无动作

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，使用一字螺丝刀撬开智能开关底盒。

② 将火线接入智能开关L接口，零线接入N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 倾斜面板并扣合在底盒上，开启电源总闸，按下智能开关旋钮，可正常控制灯光即
   说明安装正确。

第一步：向下扣合

第二步：底部扣合

注：若需联排安装，具体安装方法请参考联排边框使用说明书。

应用组合

1. 搭配蓝牙驱动器，实现无线控制灯具。

APP　+　旋钮开关　+　蓝牙驱动器　　灯

2. 搭配蓝牙音乐播放器，实现音乐自由播放。

APP　+　旋钮开关　+　音乐播放器　　蓝牙音箱

3. 搭配蓝牙窗帘电机，实现智能开合窗帘。

APP　+　旋钮开关　+　蓝牙窗帘

4. 搭配智能网关，实现可视化控制，自动化联动。

APP　+　超级面板6S　+　家电模块　+　旋钮开关　+　蓝牙驱动器　　灯

APP操作说明

1. 账号注册

通过手机扫描下方二维码，按提示完成APP安装后即可进行登录/注册操作。

2. 配网操作

新用户在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【智能开关】后，按照界面提示完成添加即可。

3. 绑定设备

在"房间"界面点击已添加的智能开关进入"控制"界面，短按界面中旋钮按钮，选择绑定对象【设备】保存后即可。

4. 自动化

确保家庭内已添加智能网关，如超级面板6S。

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。

常见问题

1. 如何恢复出厂设置？

　　长按智能开关旋钮15秒，直到指示灯快闪后松开，在3秒内短按旋钮3次，指示灯慢闪，设备恢复到出厂状态后，指示灯快闪3秒。

2. 设备一直搜索不到怎么办？

请检查以下选项：

· 确保设备正常通电，并且处于激活状态；

· 确保手机与设备两者尽量靠近，建议不超过15米；

· 确保设备未被添加过，如被添加过，请手动恢复出厂。

注意事项

· 本产品请由具有专业资格的人员进行调试安装；

· 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；

· 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。

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;
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户的唯一补救措施。雷特不承担任何附带引起的损害赔偿责任,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。

* 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。