Xiaolei

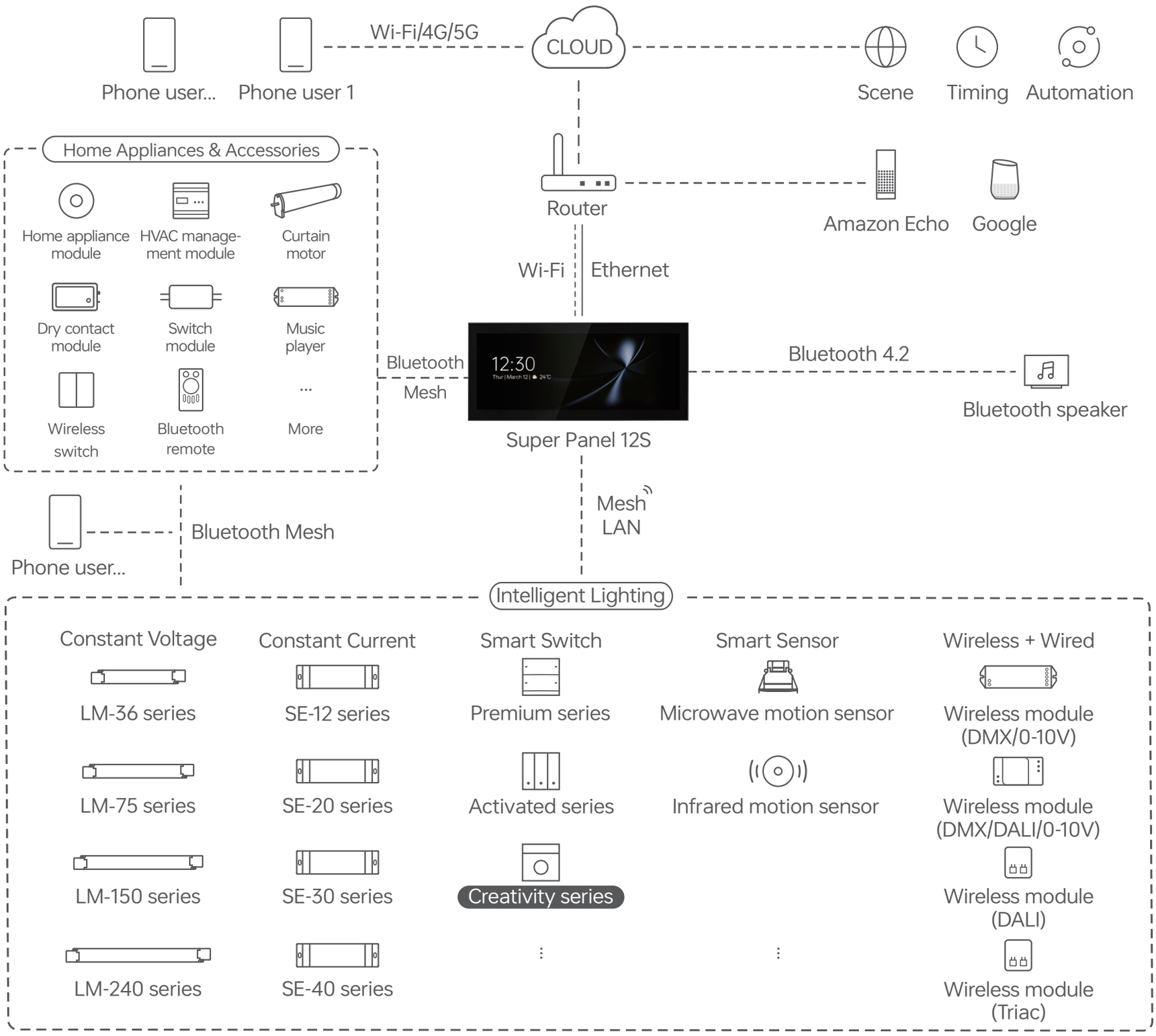
# Super Smart Switch

(Smart Knob Switch)

## Manual

www.xiaolei.com.cn

# System Diagram



# Product Features

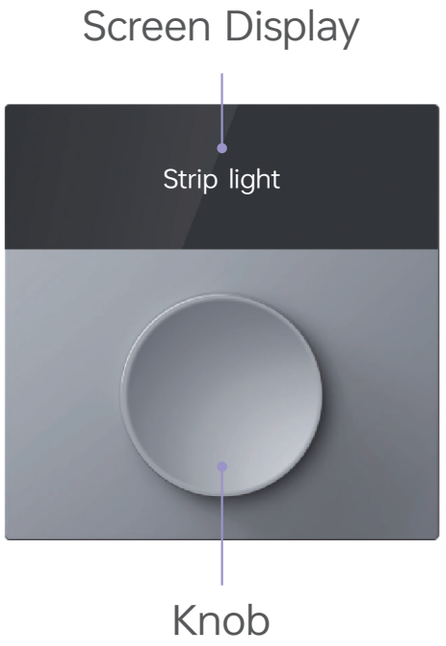
- Display customized text / icons on the PMOLED display, more intuitive and clear.
- Control ON/OFF, brightness, colors of lights by pressing or turning the knob.
- Endless rotation knob. Set the knob sensitivity , adjust lighting effects or device actions via APP.
- Bluetooth 5.0 SIG Mesh with strong networking capability makes local control reliable and stable.
- Work with a smart gateway to achieve a variety of automation.
- Designed with a 86 type junction box. Available in 400+ combinations and installed in the unified mounting frames.

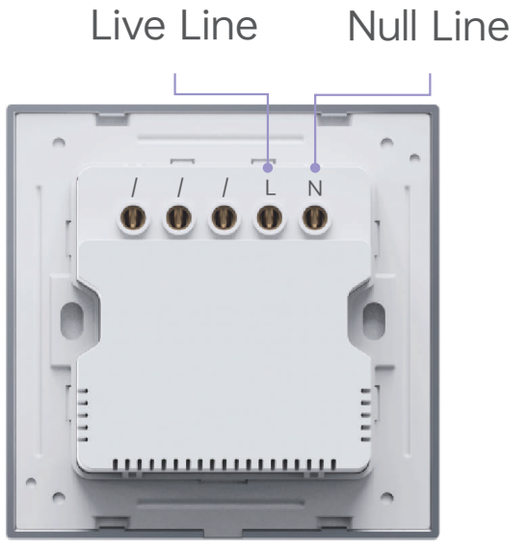
# Technical Specs

| | |
|---|---|
| Model | SQ PRO |
| Wireless Type | Bluetooth 5.0 SIG Mesh |
| Power Supply | Null and live line powered |
| Rated Parameter | 100-240V~,  50/60Hz |
| Working Environment | -20°C~55°C, Humidity≤80％RH |
| Net Weight | 180g |
| Dimensions | 86×86×54mm (L×W×H) |
| Colors Available | Grey, Gold, White |

Bluetooth® FC CE RoHS SRRC CQC

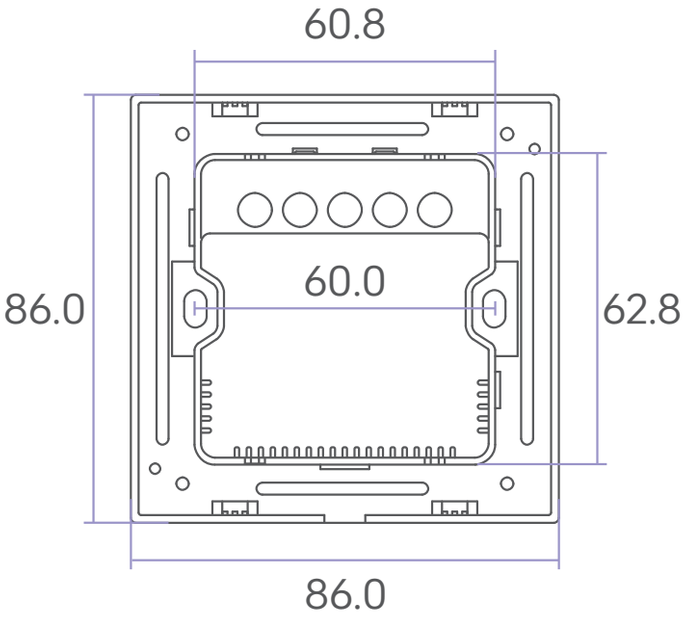
# Product Images

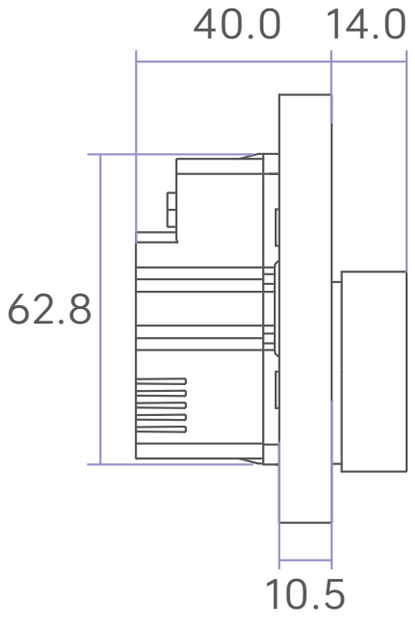


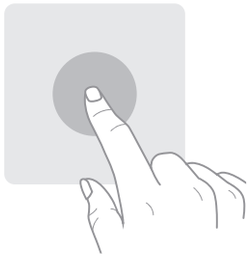

# Product Size

Unit: mm

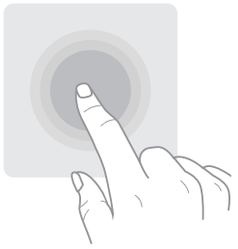


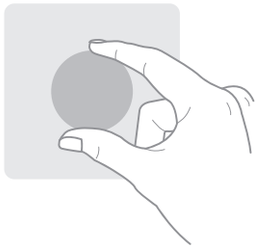
# Knob Instructions



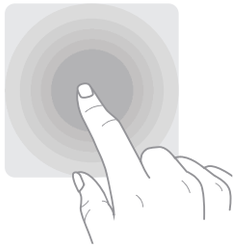
Single press



Double press



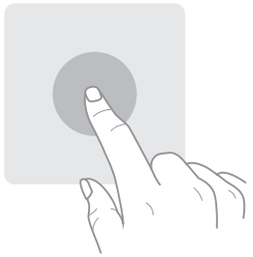
Rotate



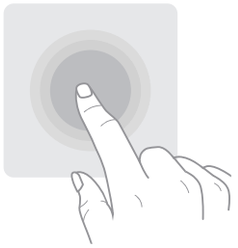
Long press

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

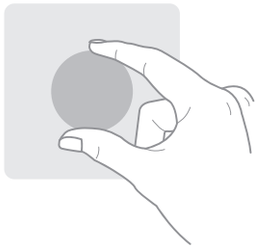
| Action / Device | Single press | Double press | Rotate | Long press |
|---|---|---|---|---|
| DIM light | ON/OFF | No device action | Adjust BRT | BRT ± |
| CT light | ON/OFF | Switch mode (BRT/CT) | Adjust current mode (BRT/CT) | BRT ± |
| RGB light | ON/OFF | Switch mode (BRT/RGB) | Adjust current 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 ± |



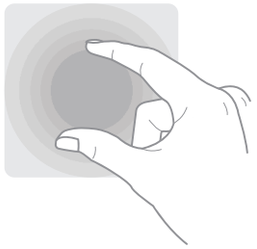
Single press



Double press



Rotate



Press and rotate

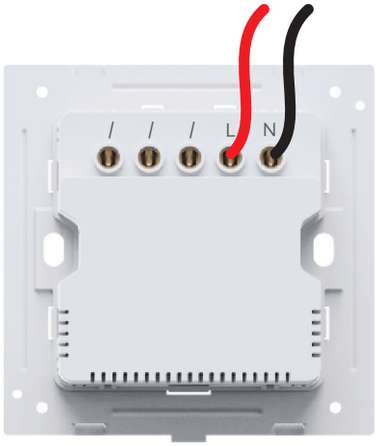
**Note: Knob actions will vary depending on the device you bind to it.**

| 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 |

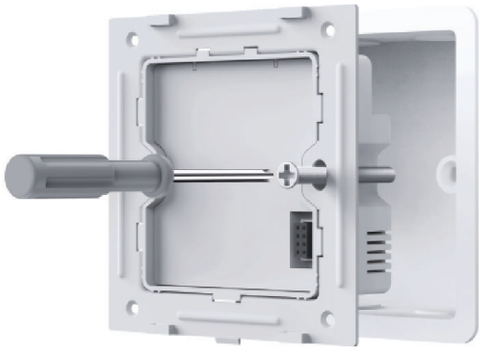
# Installation Steps

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.

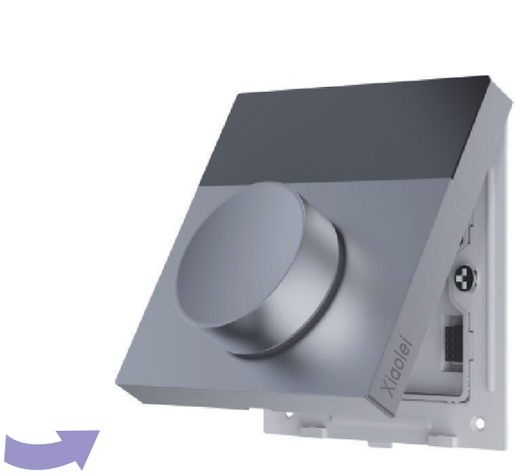
② Attach the live line to L socket of the switch and the null line to N socket. Make sure the wires are well connected to the switch terminals with no copper wire exposed. (The protection device for the electronic switch cannot be greater than 35A)



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 smart knob switch. Finally, turn on the circuit breaker.



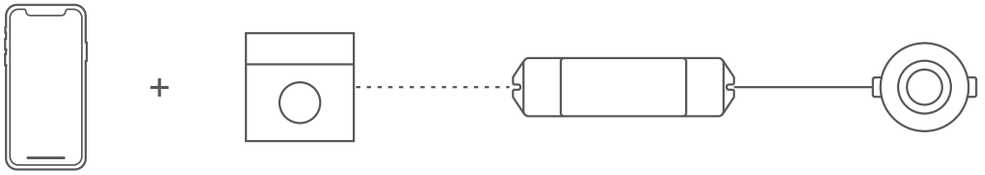

Step 1: Snap the switch plate down

Step 2: Snap on the switch plate on the bottom

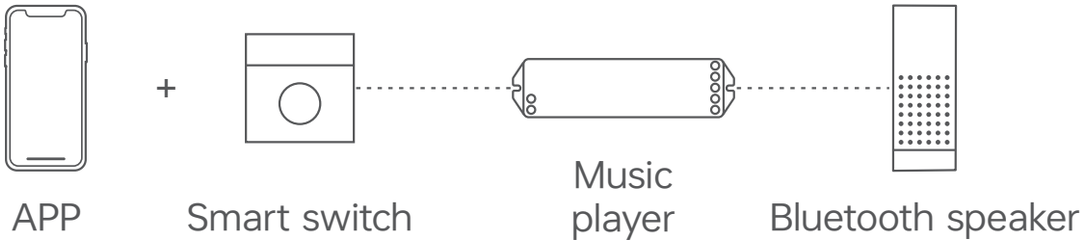
Note: If you want to install multiple panels into one row, please refer to the manual of panel mounting frame for detailed instructions.

# Recommended Applications

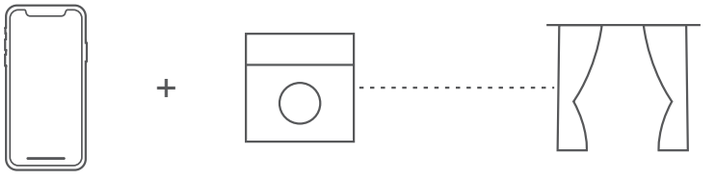
1. Work with a Bluetooth LED driver to wirelessly control the lamp.



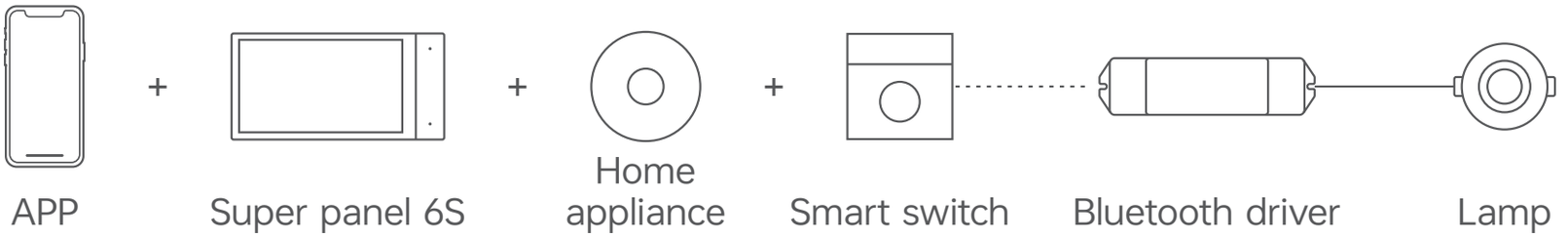

2. Work with a Bluetooth music player to play music freely.




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




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




5. Intelligent control. Set up more app configs as you like.

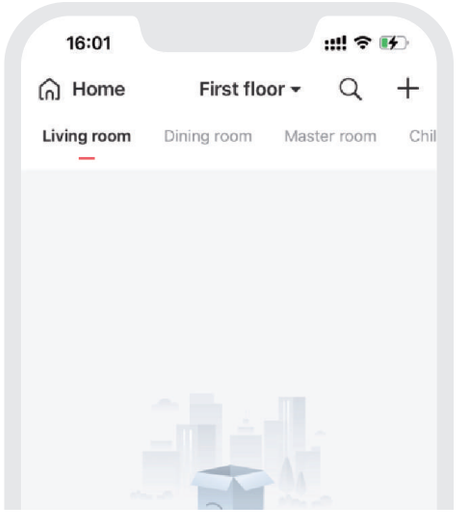
# App Operating Instructions

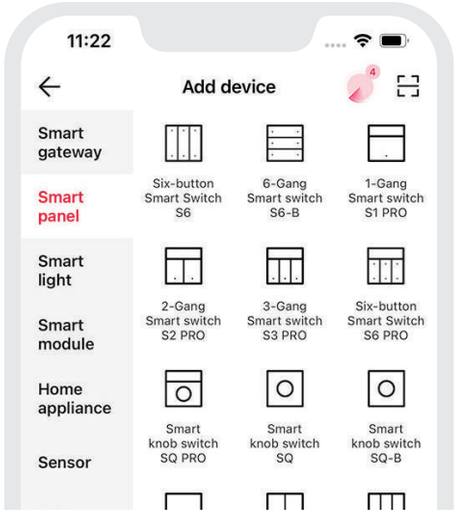
## 1. Register an account

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

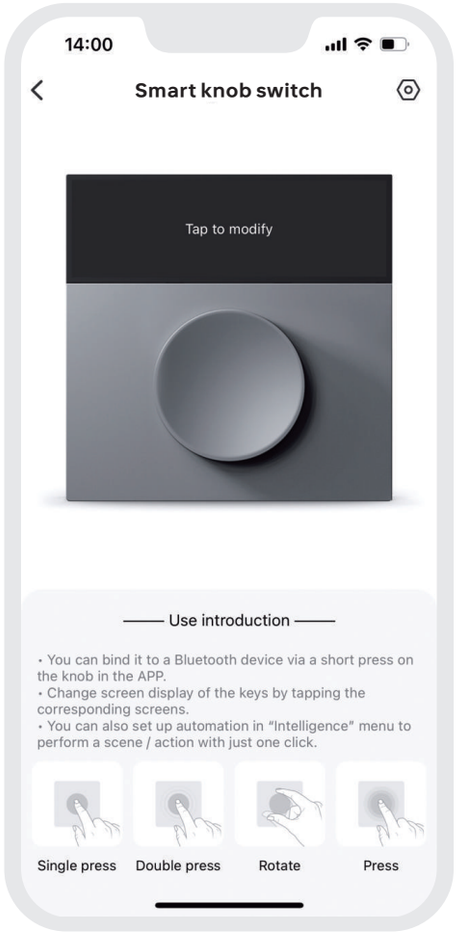
Create a home if you are a new App user. Click [ + ] icon in the upper right corner of “Room” interface to access “Add device” page. Pick [Smart panel] from the lis tand follow the on-screen prompts to add the device.



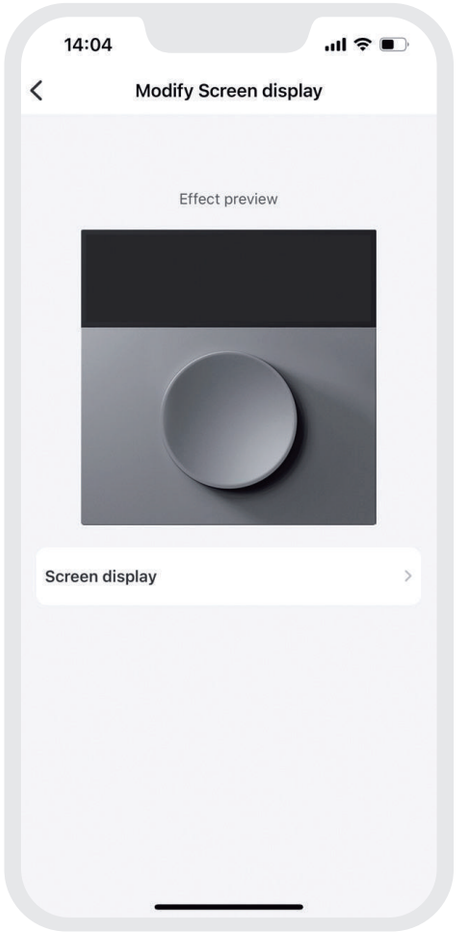
## 3. Bind a device

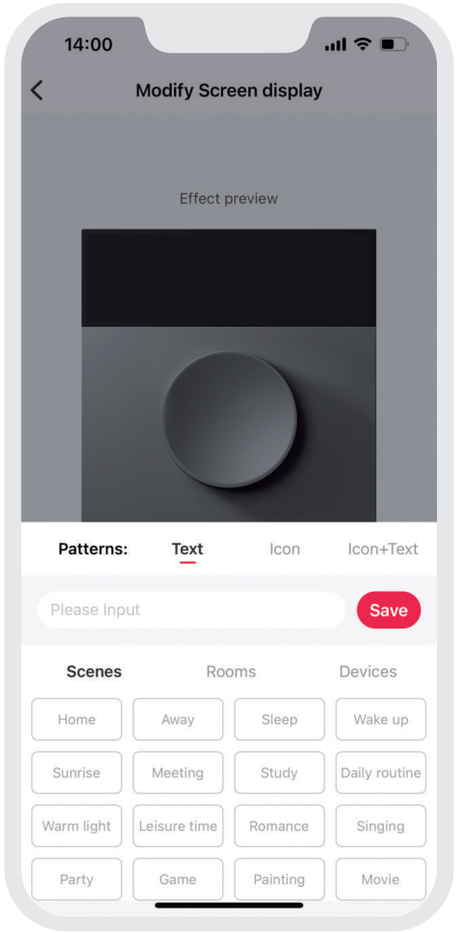
In “Room” interface, click the smart switch you have added to access its control interface. Short press the knob on the screen and select bind object [Device] , then save your setting.



## 4. Set up the display

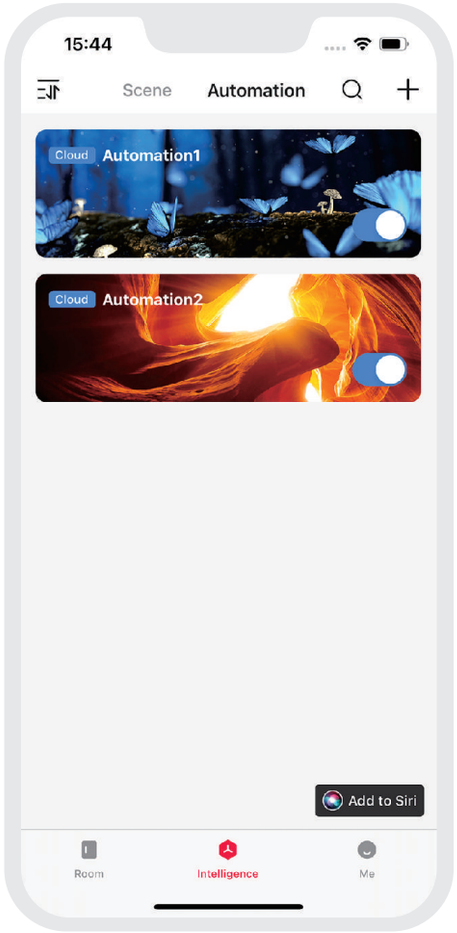
In the control interface, tap the switch screen or tap [Screen display] to set up the display, then save your setting.

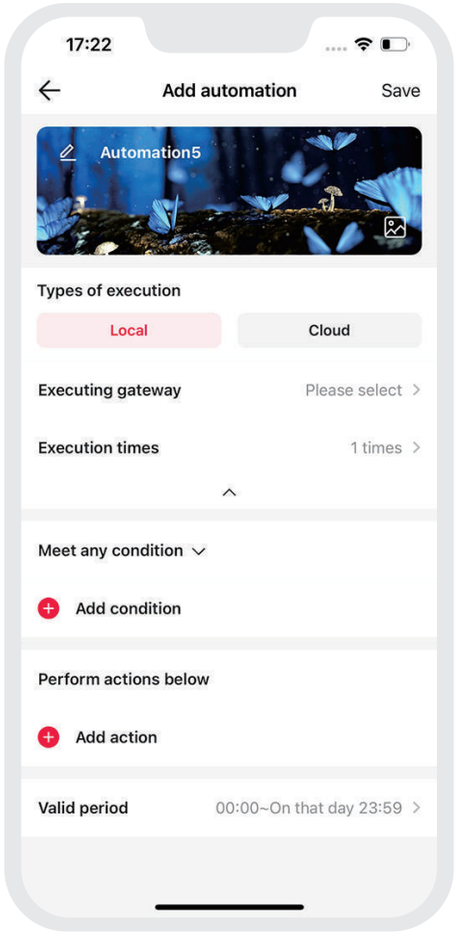


## 5. Automation

Please be sure a smart gateway is added to your home, such as Super Panel 12S. 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. When the screen shows “Tap the key 3 times in 3s to delete network”, follow the prompts to reset the device. When the screen shows “ Network delete success”, it means the device has been reset to factory defaults and is into the state of being searched via Bluetooth.

**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

- Product installation and commissioning should be done by a qualified professional.
- LTECH products are and not lightningproof non-waterproof (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 life the product. Please install the product in a environment with 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 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.
- 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:

Following conditions are not within the guarantee range of free repairing or replacement services:

- 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 inwritten 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.

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