

LTECH

Super Smart Switch

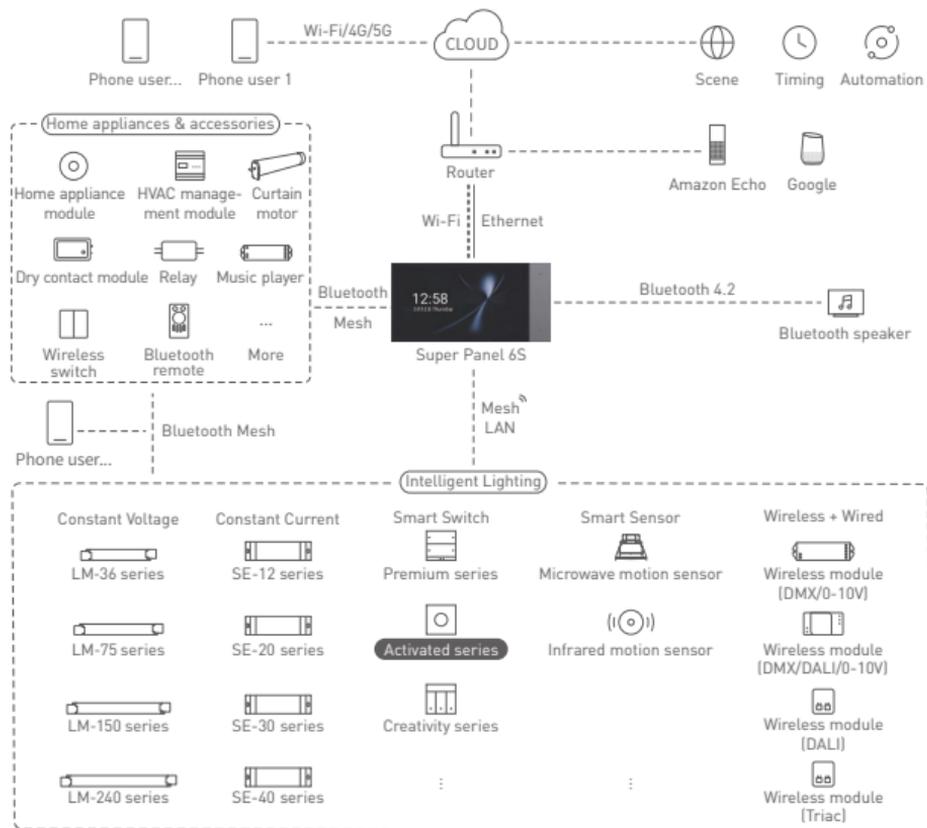
(Smart Knob Switch)



Manual

www.ltech-led.com

System Diagram



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

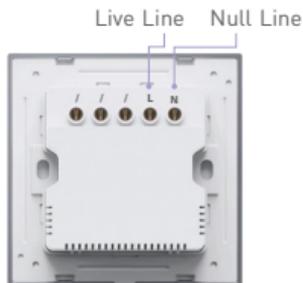


RoHS

Product Images

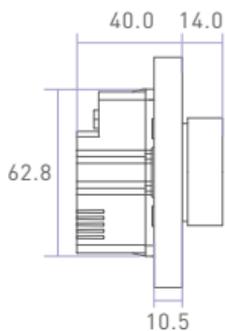
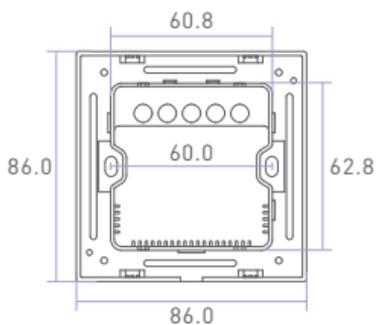


Knob



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 \pm
CT light	ON/OFF	Switch mode (BRT/CT)	Adjust current mode (BRT/CT)	BRT \pm
RGB light	ON/OFF	Switch mode (BRT/RGB)	Adjust current mode (BRT/RGB color)	BRT \pm
RGBW light	ON/OFF	Switch mode (RGBW/RGB/W)	Adjust current mode (RGBW/RGB color/W)	Current mode's BRT \pm
RGBCW light	ON/OFF	Switch mode (RGBCW/RGB/CW)	Adjust current mode (RGBCW/RGB color/CW color)	Current mode's BRT \pm



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

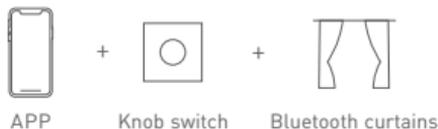
1. Work with a Bluetooth LED driver to wirelessly control the lamp.



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



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



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



App Operating Instructions

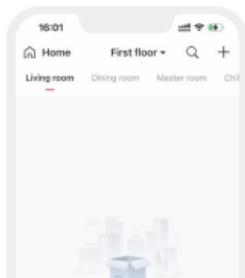
1. Register an account

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

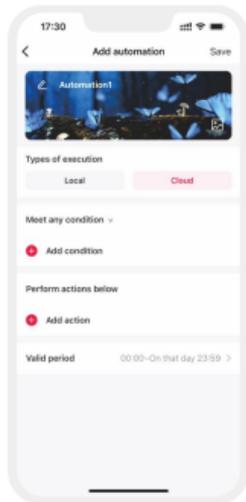
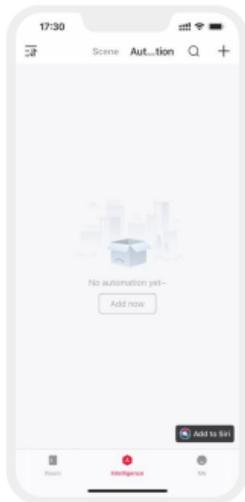
In “Room” interface, click the smart switch you have added to access its control interface. Long press the knob on the screen and select the device you want to bind by tapping **[Device]**, then save your setting.



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.