

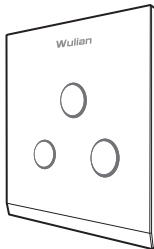
# Wulian®

ISO9001:2008 Certified

## Smart Touch Switch (L)

### User Manual

(This manual takes Three-Gang switch as an example)



(Picture for Reference Only)

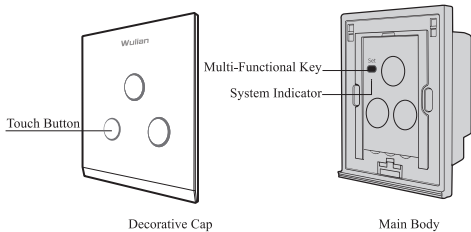
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## Welcome to Use Smart Touch Switch (L)

- **Wulian** is the registered trademark of Nanjing IOT Sensor Technology Co., Ltd. All the other product names or trademarks mentioned in the manual belong to the trademarks or registered trademarks of the respective possessors.
- Please read this manual carefully to ensure proper and safe use.
- Wulian Smart Touch Switch (L) (hereinafter referred as “this product”) is manufactured by Nanjing IOT Sensor Technology Co., Ltd. (hereinafter referred as “Wulian”) as a product in the category of controlling. This product shall be used with Smart Home App as well as supplied accessories. Wulian is not responsible for any loss due to improper installation or usage of this product.
- Wulian will update product information in this manual anytime without prior notice. Please pay attention to our information timely and download Smart Home App with the latest edition.
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- Welcome to visit Wulian official website [www.wuliangroup.com](http://www.wuliangroup.com) for more information.

## Product Illustration





## Features

- Support IEEE 802.15.4 (ZigBee/SmartRoom) communication mode.
- Make linkage with our control and security devices to realize local and remote control.
- Bind with several remote devices to realize one switch control several devices or several switches control one device.
- Operate easily with elegant and simple App to realize timing control, scene settings, etc.
- Adopting international standard box design (86mm), this switch can be installed to the wall standard inner box and replace the normal switch directly .
- Exquisite design; Fit to all decoration styles.

## Software Download

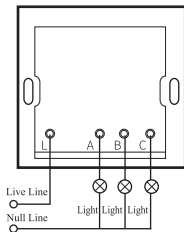
Option A: Download the latest smart App by scanning QR code on the package box of this product.

Option B: iOS user can download the App by searching "Wulian Smart Home" in "App Store". Android user can download the App by searching "Wulian Smart Home" in "Google Play".

Warm Prompt: Please download Smart Home App and read user manual at first use. In addition, please follow Wulian latest news to upgrade the App timely.

# Installation Steps

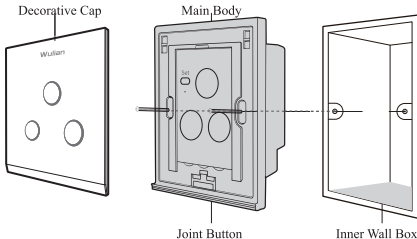
## 1. Wiring Illustration



Port	Single Button	Double Buttons	Three Buttons
L	Live Line		
A	Live Line Output (One-Gang Load)	Live Line Output (One-Gang Load)	Live Line Output (One-Gang Load)
B	/	Live Line Output (Two-Gang Load)	Live Line Output (Two-Gang Load)
C	/	/	Live Line Output (Three-Gang Load)

Please ensure the power supply is off before installation! Dangerous work! Non-professionals cannot operate without authorization!

2. After correct wiring as per above illustration, Press the joint button by small straight screwdriver or other tools. Fix main body in the inner wall box via 2 pieces of screw (M4\*30). (Installation method of main body is same as that of common wall switch).



3. Close the decorative cap to finish installation (join the network before closing the decorative cap).

## Network Setting

1. Before setting, please make sure the gateway (needs to be purchased) works normally and the ZigBee network indicator flashes, also the product is in a power-on state and within valid communication scope of the wireless gateway.
2. Before operating, please make sure the product is not connected to any other gateway; or exit the connecting ZigBee network before networking again (new product can be connected to the network directly).

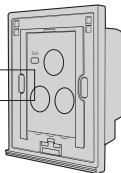
### 3. Network Setting

#### ① First time to join the network

- Allow the gateway for networking (refer to the gateway manual for details);
- When use the product for the first time, power it on and it will apply to join the ZigBee network automatically;
- Then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.

① [System Indicator] flashes while searching for the network

② When successfully joins the ZigBee network, the [System Indicator] stays on for 2s and then goes out

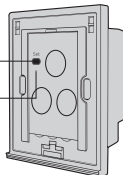


② Join the network manually

- Quick click [Multi-Function Key] once, then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.

① Quick click [Multi-Function Key] once

② When successfully joins the ZigBee network, the [System Indicator] stays on for 2s and then goes out.

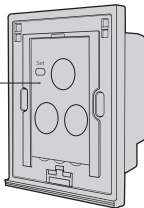


Note: Click the [Multi-Function Key] one time and [System Indicator] flashes once to indicate successful networking.

#### 4. Binding Setting

Please make sure that this product joins the same gateway with binding switch. First, long press the [Multi-Functional Key] and quick click the [Button] once at the same time, then loosen the [Multi-Functional Key]. When [System Indicator] flashes once and sends out the binding requirement, operate the devices that need to be bound within 20s to finish the binding. If it succeeds, [System Indicator] flashes 3 times, or [System Indicator] flashes 6 times if the binding fails.

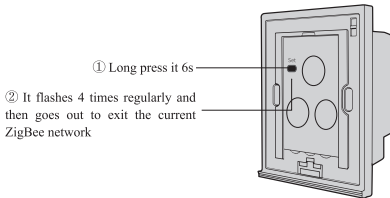
If it succeeds, [System Indicator] flashes 3 times, or [System Indicator] flashes 6 times if the binding fails.





## 5. Exit Setting

- Long press the [Multi-Functional Key] 6s and loose it;
- Then the [System Indicator] flashes 4 times regularly and goes out to exit the current ZigBee network.



Note 1:

If the device cannot join the ZigBee network after the operations above, please follow the following steps (please make sure the gateway is allowed for networking): ①exit the network (refer to Exit Setting for details); ②wait for 2s and quick click [Multi-Functional Key] once to join the network.

Note 2:

After exiting the network, please do not cut off the power (such as switching off the power, removing the battery, etc.) within 4s in case of device abnormality.

## Cautions

- This product must be installed in the plastic box! Installation in the metal cassette may weaken wireless communication signals so that it may lower the communication efficiency.
- Keep this product away from interference source, for example, washing machine, microwave oven, refrigerator, router, etc., or its working sensitivity and performance may be affected.
- Please use regular brand lamps with good quality. Any unqualified or fake products may cause low performance.
- This product should be installed in dry and clean place to prevent inner component from dampness or other debris.

## Electrical Parameter

Communication Mode	IEEE 802.15.4 ZigBee/ SmartRoom
Antenna Configuration	Internal Antenna
Power Parameter	100-240V AC, 50/60Hz
Standby Power Consumption	$\leq 0.03\text{W}$
Total Maximum Resistive Load	2000W (Incandescent Lamp/Halogen Lamp)
Total Maximum Inductive /Capacitive Load	1400W (Energy Saving Lamp/Fluorescent Lamp/LED)

Note: The Total Maximum Load above is on the premise of 220V AC input voltage.

## Structure Parameter

Overall Dimension (Length x Width x Height)	86×87×38 (mm)
Material & Color	Tempering Glass, White
Flame Retardant Rating	UL94 V-0
Working Temperature	-10°C~+45°C
Working Humidity	≤95%RH (Noncondensing)

## Purchasing Information

Product Name	Model	Material & Color
Smart Touch Switch (One-Gang, L)	WL-ZCSWLGW-S2311-04	Tempering Glass, White
Smart Touch Switch (Two-Gang, L)	WL-ZCSWLGW-S2321-04	Tempering Glass, White
Smart Touch Switch (Three-Gang, L)	WL-ZCSWLGW-S2331-04	Tempering Glass, White



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