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CNBINGO Touch Light Switch S1-201 User Manual

Model: S1-201

1. INTRODUCTION

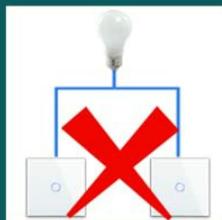
This manual provides comprehensive instructions for the CNBINGO Touch Light Switch, Model S1-201. This device is a modern touchscreen light switch designed for residential use, featuring a durable tempered glass panel and an LED backlight for enhanced visibility. Please read this manual thoroughly before installation and operation to ensure safe and correct usage.

NEED TO KNOW BEFORE BUYING

1. This is a 1-Way touch switch, **not 2-Way switch**. **No need** adapter, neutral and ground wire.
2. This is **not a WiFi switch**, can't work with Alexa or Google Home.
3. This is **not a dimmer switch**, can't dimming.
4. Please **don't touch the switch before the glass plate has been installed**, or it will not work. Because if test without glass, it will **remember the distance** between the pad and figure, and can't work well after putting glass on again.



Not WiFi



Not 2-way



Not Dimmer



Don't touch the
circuit board

Figure 1: CNBINGO White Double Touch Light Switch (Model S1-201)

2. IMPORTANT NOTES BEFORE INSTALLATION

Please observe the following critical points before proceeding with installation or operation:

- This is a **1-Way touch switch**. It is not designed for 2-Way switching applications.
- This switch **does not require a neutral wire**, ground wire, or an adapter for installation.
- This is **not a Wi-Fi switch** and is not compatible with smart home systems like Alexa or Google Home.
- This is **not a dimmer switch**; it provides ON/OFF functionality only and does not support light dimming.
- **Do not touch or test the switch before the glass plate has been fully installed.** Testing without the cover can cause the switch to miscalibrate the distance between its internal pad and your finger, leading to improper function after the glass panel is attached.

STANDARD SIZE



Fixed into a standard **60mm** mounting wall box.
The depth of the mounting box should be at least **30mm**.

Figure 2: Key Information Before Purchase/Installation

3. PRODUCT FEATURES

- **Touch Control:** Replaces traditional rocker switches with a sleek, responsive glass panel, safe for use even with wet hands.
- **LED Backlight:** Features a humanized design with a blue LED backlight, visible in the dark. The light indicates ON/OFF status without disturbing sleep.
- **Tempered Glass Panel:** The 4mm thick tempered glass panel is scratch-resistant, aging-resistant, dirt-resistant, and easy to clean, maintaining a modern aesthetic.
- **Fast Response:** Offers a 40ms fast touch response speed for immediate light control.
- **Enhanced Safety:** Designed to be waterproof (IP65 rating) and features a fire-resistant PC base that automatically extinguishes in 5 seconds.
- **Durability:** Resistant to color aging and scratching.



TOUCH CONTROL

The touch sensitive switch lights up with a blue LED backlight when touched.

Figure 3: Product Features Overview

4. SETUP AND INSTALLATION

Safety Precaution: Always ensure the main power supply to the circuit is turned OFF at the circuit breaker before beginning any electrical installation work. Failure to do so can result in electric shock or injury.

4.1 Package Contents

Verify that all components are present in the package:

- 1x CNBINGO Touch Light Switch (Model S1-201)
- 1x User Manual (this document)
- 1x Wall Plate (screwless snap-on design)
- 2x Mounting Screws

4.2 Required Tools (Not Included)

- Screwdriver
- Wire Stripper

- Voltage Tester

4.3 Mounting Requirements

The switch is designed for standard installation. Ensure your existing wall box meets the following criteria:

- The switch dimensions are 86 x 86 x 35mm (Length x Width x Height).
- The screw spacing for mounting is between 58 - 62mm.
- Requires a standard 60mm mounting wall box.
- The depth of the mounting box should be at least 30mm.



Figure 4: Standard Size and Mounting Box Requirements

4.4 Wiring Instructions

This switch operates with a live wire only; no neutral wire connection is required. Follow the diagram below carefully:

1. Turn off the main power supply at the circuit breaker.
2. Remove your existing switch from the wall box.
3. Connect the live wire (typically red or brown) from your electrical supply to the 'L' terminal on the back of

the CNBINGO switch.

4. Connect the load wires (leading to your light fixtures) to the 'L1' and 'L2' terminals on the switch. For a single light, use 'L1'. For two lights, use 'L1' and 'L2'.
5. Ensure all wire connections are secure.



Mounting

Vertical or Horizontal



Figure 5: Wiring Diagram (Live Wire Only)

4.5 Mounting the Switch

1. Carefully push the wired switch module into the wall box.
2. Secure the switch to the wall box using the provided mounting screws. The switch can be mounted vertically or horizontally.
3. Snap the tempered glass wall plate onto the switch module. Ensure it is securely fastened.
4. Once the wall plate is fully installed, restore power at the circuit breaker.



Figure 6: Mounting the Switch

5. OPERATING INSTRUCTIONS

The CNBINGO Touch Light Switch is designed for simple and intuitive operation:

- **Turning On/Off:** Simply touch the designated circular area on the tempered glass panel to toggle the connected light(s) ON or OFF.
- **LED Indicator:** A blue LED backlight will illuminate when the switch is touched, indicating its operational status.

WIRING DIAGRAM

No neutral wire required, Work with only live wire.

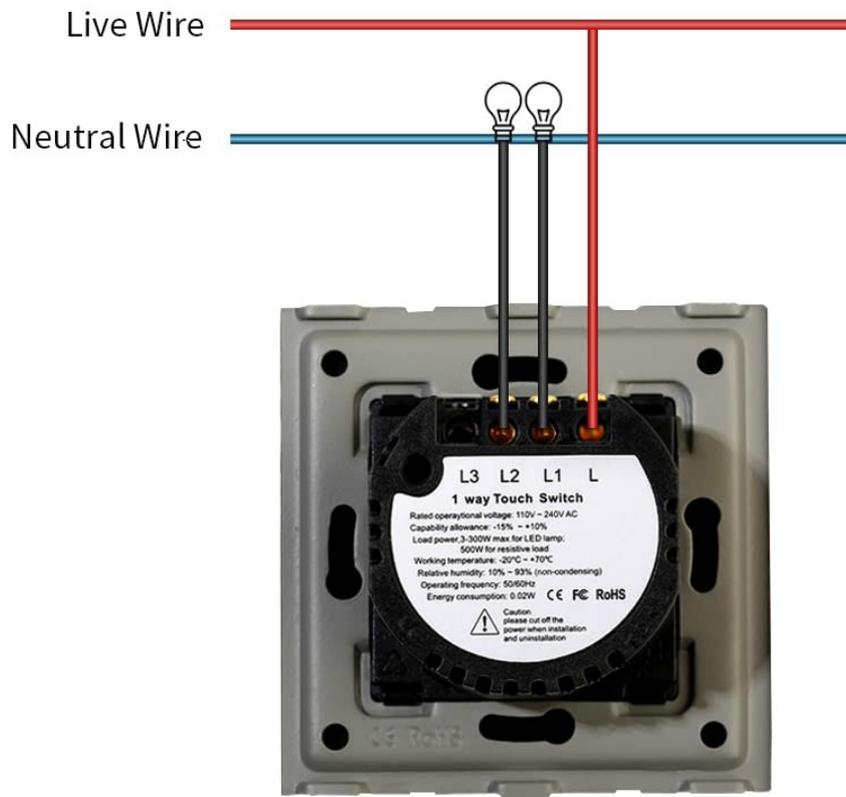


Figure 7: Touch Control Operation

6. MAINTENANCE

The CNBINGO Touch Light Switch requires minimal maintenance due to its durable design:

- **Cleaning:** The tempered glass panel is dirt-resistant and easy to clean. Use a soft, slightly damp cloth to wipe the surface. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these may damage the glass or internal components.
- **Durability:** The switch features a fire-resistant PC base and is designed to endure high temperatures, contributing to its longevity and safety.

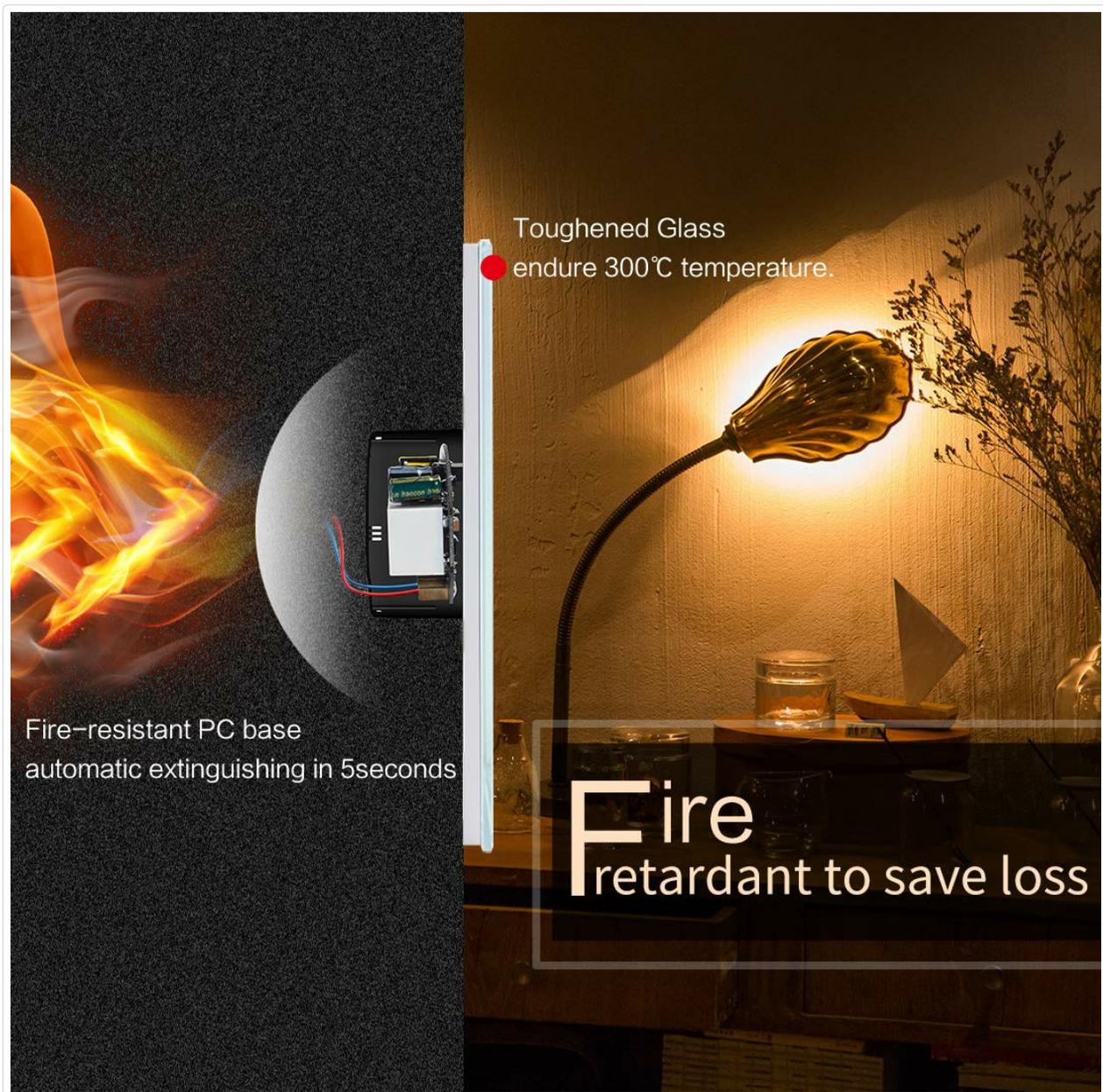


Figure 8: Fire-Resistant PC Base

7. TROUBLESHOOTING

If you encounter issues with your CNBINGO Touch Light Switch, refer to the following common problems and solutions:

- **Problem:** The switch does not respond or functions erratically after installation.
- **Solution:** This often occurs if the switch was powered on or tested before the glass plate was fully installed. The switch may have miscalibrated. To resolve this, turn off the main power supply at the circuit breaker, ensure the glass plate is securely and correctly installed, then restore power. The switch should recalibrate and function normally.
- **Problem:** Light does not turn on/off when touched.
- **Solution:** Verify that the main power supply to the circuit is active. Check all wiring connections (Live to 'L', Load to 'L1'/'L2') are secure and correctly installed according to the wiring diagram (Figure 5). Ensure the connected light bulb is functional.
- **Problem:** LED backlight is not working.
- **Solution:** Ensure the switch is receiving power. If the switch functions but the LED is off, contact

customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	S1-201
Operation Mode	ON-OFF
Operating Voltage	110 - 240V AC, 50 - 60Hz
Load Power	500W/Gang (resistive load) / 3-300W/Gang max. (LED lamp)
Wireless Consumption	<0.02W
Working Temperature	-20°C to +70°C
Dimensions (L x W x H)	86 x 86 x 35mm
Screw Spacing	58 - 62mm
International Protection Rating	IP65 (Waterproof Touch Panel)
Circuit Type	1-way
Actuator Type	Touch Button
Control Method	Touch
Item Weight	160 g
Included Components	Light Switch, User Manual, Wall Plate, 2 Screws

9. WARRANTY AND SUPPORT

Warranty Information: For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer directly. Warranty periods may vary based on region and seller policies.

Customer Support: If you require technical assistance, have questions regarding installation or operation, or need to report a defect, please contact CNBINGO customer support or the authorized retailer from whom you purchased the product. Please have your model number (S1-201) and purchase details ready when contacting support.