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› Smart Ceiling Fan Control and Light Dimmer Switch User Manual

Lightinginside LID01

Smart Ceiling Fan Control and Light Dimmer Switch

Brand: Lightinginside | **Model:** LID01

1. PRODUCT OVERVIEW

The Lightinginside Smart Ceiling Fan Control and Light Dimmer Switch (Model LID01) offers advanced control over your ceiling fan and lighting. This 2-in-1 smart switch allows for precise adjustment of fan speeds and light brightness directly from the switch, via a smartphone app, or through voice commands. Designed for modern smart homes, it integrates seamlessly with popular voice assistants and provides convenient scheduling and automation features.



Figure 1: Lightinginside Smart Ceiling Fan and Light Dimmer Switch with its retail packaging.

2. KEY FEATURES

- **Smart Control & Independent Indicators:** Adjust fan speed (4 levels) and dim lights (10%-100% over 14 levels) using the Smart Life App. Real-time fan and brightness levels are displayed independently on the switch's indicators.
- **Voice Control & Home Automation:** Compatible with Alexa and Google Assistant for hands-free operation. Set up home automation routines based on various conditions like weather or temperature.
- **Schedule & Timer Functions:** Program the switch to automatically turn your ceiling fan and light on/off or adjust settings at specific times.
- **App Remote Control:** Control your fan and light from anywhere using the Smart Life App on your smartphone.

2 IN 1 FAN CONTROL & LIGHT DIMMER

10%-100% Dimmable & 4 Fan Speed

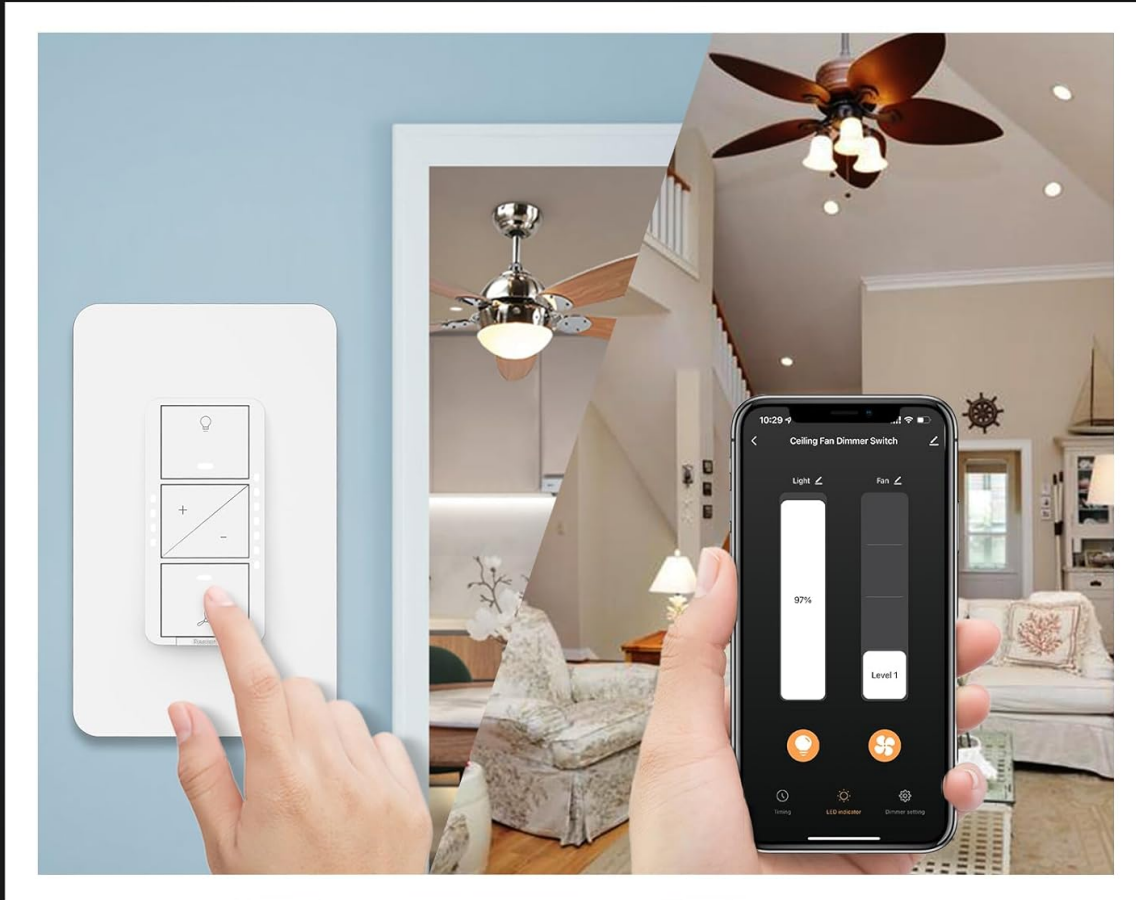


Figure 2: The 2-in-1 fan control and light dimmer functionality, illustrating 10%-100% dimmable light and 4 fan speeds.

3. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards. Always consult a qualified electrician if you are unsure about any part of the installation process.

- Turn off power at the circuit breaker before installation.
- Ensure the switch is compatible with your existing wiring and appliances.
- Do not exceed the maximum load ratings for the switch.
- This device is for indoor use only.

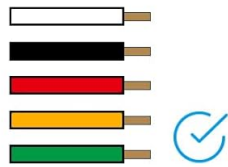
4. INSTALLATION GUIDE

Important Notes Before Installation:

- A **neutral wire is required** for this smart switch to function. Houses built before the mid-1980s may not have neutral wires.
- Requires **two separate load wires**: one for the lights and one for the ceiling fan.

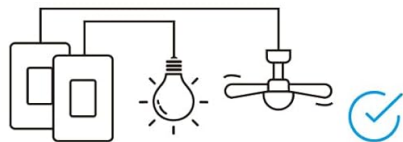
- This switch can only be used as a **single-pole switch**. It is not compatible with 3-way or 4-way wiring configurations.
- Compatible with **2.4GHz Wi-Fi only**. No hub is required.

NOTE



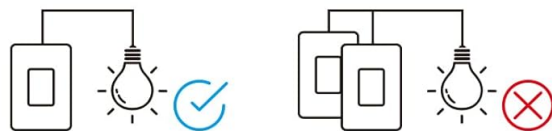
Neutral Wire

Requires neutral wire



2 Load Wire

Requires 2 separate load wires for the light and ceiling fan



Single Pole Switch Only

Can't be used as a 3-way or multi-way switch



Figure 3: Essential wiring requirements for installation, including neutral wire, two separate load lines, and single-pole use.

Installation Steps:

1. **Turn Off Power:** Locate your circuit breaker and turn off the power to the switch you are replacing. Verify power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box. Disconnect the wires, noting their connections.
3. **Identify Wires:** Identify the Line (hot), Neutral, Ground, Fan Load, and Light Load wires in your wall box. Use the provided labels if necessary.
4. **Wire the Smart Switch:** Connect the wires from your wall box to the corresponding terminals on the Lightinginside Smart Switch.
 - Connect the **Line** wire to the "Line" terminal.
 - Connect the **Neutral** wire to the "Neutral" terminal.
 - Connect the **Ground** wire to the "Ground" terminal.
 - Connect the **Fan Load** wire to the "Fan Load" terminal.

- Connect the **Light Load** wire to the "Light Load" terminal.
5. **Mount the Switch:** Gently push the wired switch into the wall box and secure it with screws. Attach the new wall plate.
 6. **Restore Power:** Turn the power back on at the circuit breaker.
 7. **Test Functionality:** Test the physical buttons on the switch to ensure basic fan and light control.

DIMENSIONS

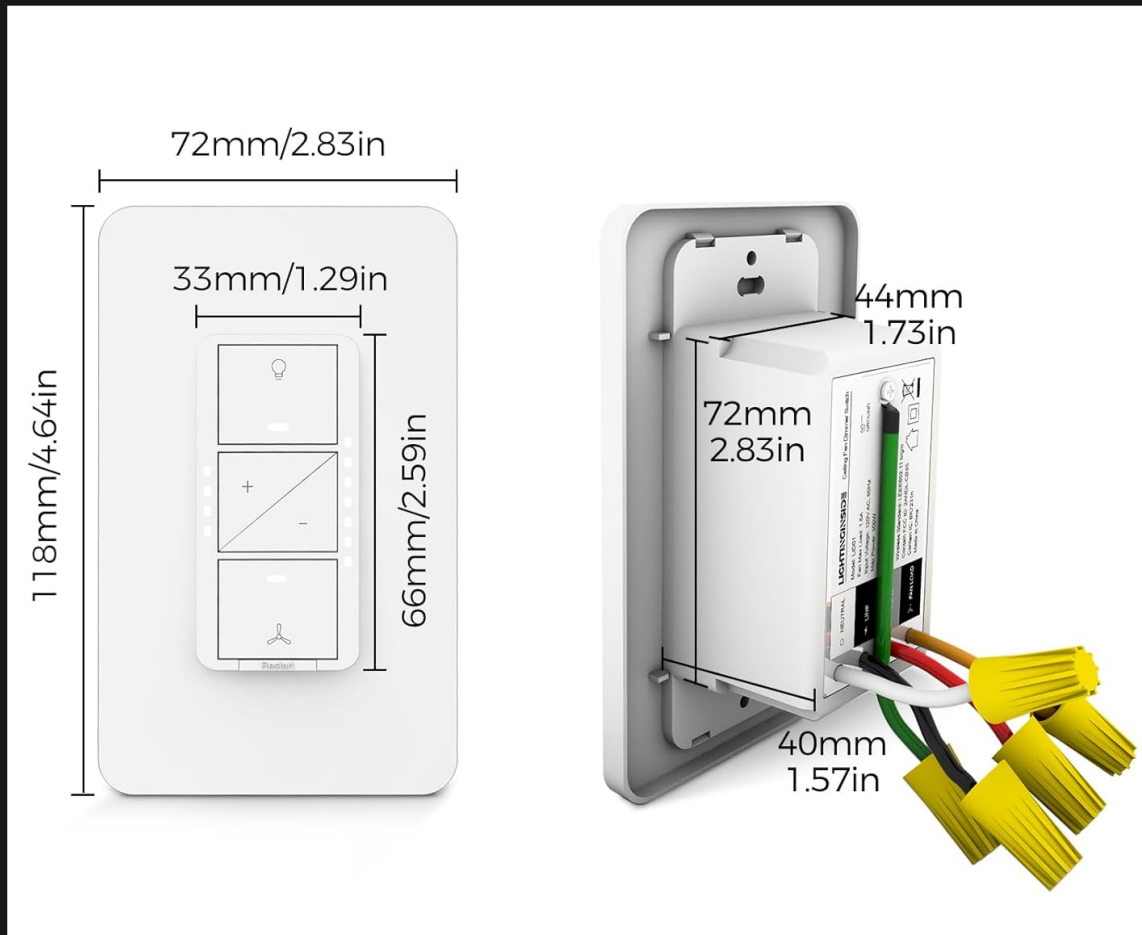


Figure 4: Physical dimensions of the Lightinginside Smart Switch for installation planning.

5. OPERATION GUIDE

5.1 Physical Button Control

The switch features intuitive touch controls for both fan and light functions:

- **Light Button:** Tap once to turn the light ON/OFF. Press and hold to dim or brighten the light.
- **Fan Button:** Tap once to turn the fan ON/OFF. Repeated taps will cycle through the 4 fan speeds.

HANDS-FREE CONTROL

Compatible with Alexa and Google Assistant



**Please firstly pair the switches to Smart Life App then sync them to voice assistant.*

Figure 5: The smart switch in a home environment, emphasizing its compatibility with voice assistants for hands-free control.

5.2 Smart Life App Control

Download the "Smart Life" app from your device's app store. Follow the in-app instructions to pair your switch. Once paired, you can:

- Turn the fan and light ON/OFF remotely.
- Adjust fan speed and light brightness with precise sliders.
- Set schedules and timers for automated operation.
- Create custom scenes and automations.
- Control indicator lights: You can turn off all indicator lights or set them to turn off when the load is off, preventing bright lights at night.

APP REMOTE CONTROL

Timer & Schedule

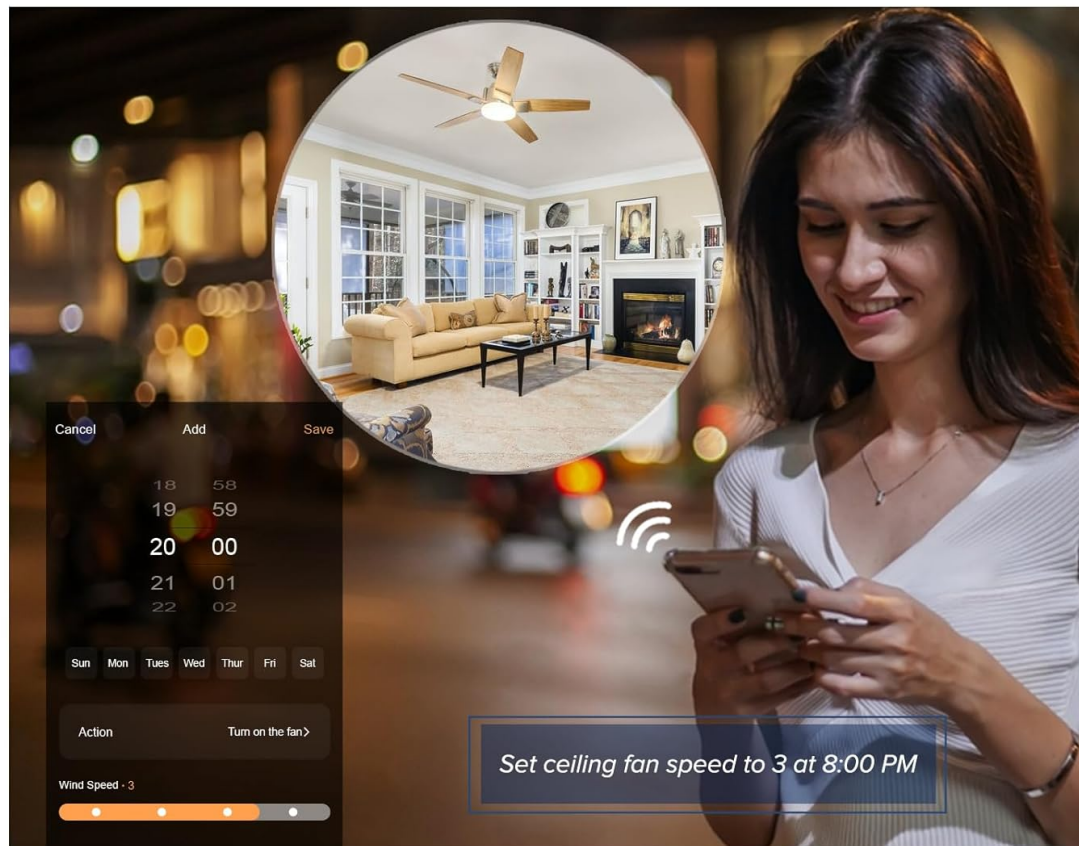


Figure 6: The Smart Life app interface demonstrating timer and scheduling capabilities for remote control.

TURN ON/OFF INDICATOR LIGHT WITH APP

- *Don't Worry Too Bright Indicator Light at Night*
- *Turn off All Indicator Lights Freely*

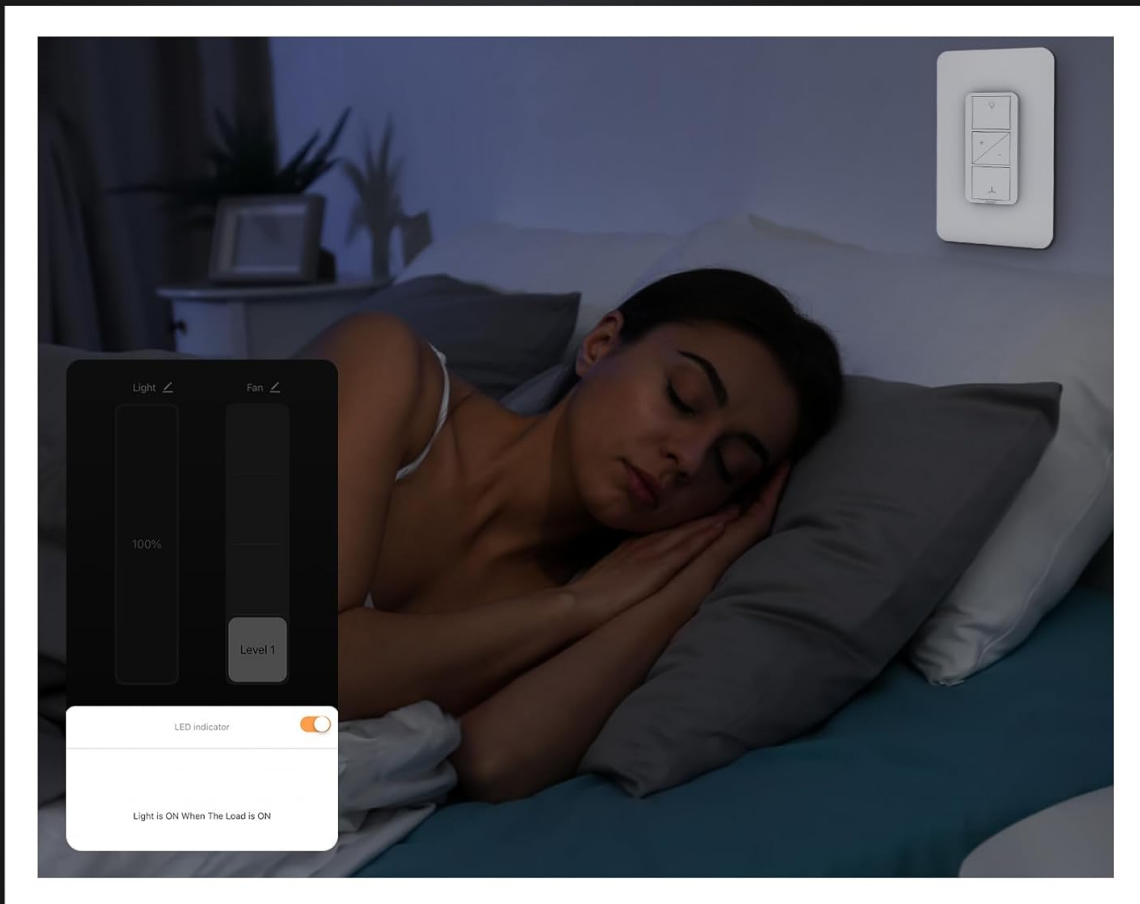


Figure 7: The feature allowing users to turn off the indicator lights via the app for a more comfortable sleeping environment.

5.3 Voice Control

Once integrated with Alexa or Google Assistant (via the Smart Life app), you can use voice commands such as:

- "Alexa, turn on the living room fan."
- "Hey Google, set the bedroom light to 50%."
- "Alexa, dim the kitchen light."
- "Hey Google, set the fan speed to 3."

6. COMPATIBILITY

This smart dimmer switch is designed to work with specific types of fans and bulbs:

- **Ceiling Fans:** Works with 1.5A ceiling fans.
- **Dimmable LED Bulbs:** Up to 150W Max.
- **Halogen & Incandescent Bulbs:** Up to 300W Max.
- **Dimmable CFL Bulbs:** Up to 150W Max.

Not Compatible With:

- Exhaust-type fans.
- Ceiling fans with canopy modules.
- Ceiling fans or bulbs with built-in remote, Bluetooth, or Wi-Fi control.
- Non-dimmable bulbs.

COMPATIBILITY

			
1.5A Ceiling Fans	Dimmable LED 150W Max	Halogen & Incandescent 300W Max	Dimmable CFL 150W Max

	Not compatible with exhaust-type fans
	Not for ceiling fans with canopy module
	Not works with ceiling fans/bulbs built-in Remote, Bluetooth or WiFi control
	Not compatible with non-dimmable bulbs

Figure 8: Visual guide to compatible and incompatible fan and light bulb types.

7. TROUBLESHOOTING

If you encounter issues with your Lightinginside Smart Switch, please refer to the following common solutions:

Problem	Possible Cause	Solution
Switch not responding / No power	No power at the switch; incorrect wiring; circuit breaker tripped.	Check circuit breaker. Verify all wiring connections (Line, Neutral, Loads, Ground). Ensure neutral wire is present and connected.

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi	Incorrect Wi-Fi band (not 2.4GHz); weak Wi-Fi signal; incorrect password; router issues.	Ensure your Wi-Fi network is 2.4GHz. Move router closer or use a Wi-Fi extender. Double-check Wi-Fi password. Restart your router.
Light flickers or does not dim properly	Incompatible bulb type (non-dimmable); load too low/high; poor connection.	Ensure you are using dimmable LED, halogen, incandescent, or dimmable CFL bulbs within the specified wattage range. Check bulb connections.
Fan hums or does not change speed	Incompatible fan type; fan motor issue; incorrect wiring.	Ensure your ceiling fan is compatible (1.5A max, not exhaust-type or with built-in remote). Verify fan load wire connection.
Voice control not working	Not linked to voice assistant; incorrect device name; internet connectivity issues.	Ensure the Smart Life app is linked to your Alexa/Google Assistant account. Check the device name in the app and use it in your voice commands. Verify internet connection.

8. SPECIFICATIONS

Attribute	Detail
Model Number	LID01
Operation Mode	Smart Switch
Current Rating	1.5 Amps (Fan)
Operating Voltage	120 Volts (AC)
Contact Type	Normally Open
Connector Type	Screw
Terminal	Screw
Circuit Type	1-way (Single Pole)
Actuator Type	Touch
Contact Material	Metal
Package Dimensions	5.2 x 3.11 x 3.03 inches
Item Weight	7.83 ounces

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Lightinginside customer service. Refer to the product packaging or the official Lightinginside website for contact details.

Website: [Lightinginside Official Store](#)

