

AVATTO AVATTO

AVATTO Smart WiFi Mini Dimmer Module

Model: AVATTO

Introduction	Safety	Contents	Overview	Specifications	Installation	Setup	Operation	Maintenance	Troubleshooting
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1. INTRODUCTION

Thank you for choosing the AVATTO Smart WiFi Mini Dimmer Module. This device allows you to control and dim your lights remotely via Wi-Fi using the Smart Life app, as well as through voice commands with Alexa and Google Home. Its compact design makes it suitable for installation behind existing wall switches, requiring no neutral wire for operation. This manual provides detailed instructions for safe installation, setup, and operation.

2. IMPORTANT SAFETY INFORMATION

- **Electrical Hazard:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Disconnect Power:** Always disconnect power at the circuit breaker before installing or servicing the dimmer module.
- **Indoor Use Only:** This device is designed for indoor use in dry locations only.
- **Load Compatibility:** Ensure the connected load (lights) does not exceed the maximum wattage specified in the specifications. Only compatible with dimmable LED lights or incandescent bulbs.
- **Operating Voltage:** Do not connect to voltages outside the specified range (AC100-240V).
- **Children:** Keep out of reach of children.

3. PACKAGE CONTENTS

- AVATTO Smart WiFi Mini Dimmer Module (1)
- User Manual (1)

4. PRODUCT OVERVIEW

The AVATTO Smart WiFi Mini Dimmer Module is a compact device designed to convert traditional light switches into smart, dimmable controls. It fits easily into standard wall boxes.



Image Description: This image displays the AVATTO Smart WiFi Mini Dimmer Module, a compact yellow device with blue terminal blocks. On its top surface, wiring labels (L, L1, N, S1) and load specifications (LED AC230V 150W, AC120V 80W) are visible. To the left, a smartphone screen shows the "Dimmer Module" app interface with a light bulb icon and a brightness slider set to 100%. In the upper right, a white wall switch is shown connected to the dimmer module, which is then connected to a light fixture, illustrating a typical installation setup within a wall box.

Component Identification:

- **L Terminal:** Live wire input.
- **L1 Terminal:** Output to the light fixture.
- **N Terminal:** Neutral wire input (if applicable, though this model is advertised as "no neutral wire needed").*Note: The diagram on the device shows an 'N' terminal, indicating it can support neutral wire connections for certain configurations or regions. For "no neutral wire" setup, ensure your wiring is compatible.*
- **S1 Terminal:** Switch input for connecting a traditional wall switch.
- **CE Mark:** Indicates conformity with European safety standards.

5. SPECIFICATIONS

Brand	AVATTO
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Model Number	AVATTO
Operating Voltage	AC100-240V, 50/60Hz
Max. Load (LED)	AC230V: 150W, AC120V: 80W
Dimensions (L x W x H)	12 x 7.2 x 3.5 cm
Weight	150 grams
Material	Plastic
Wireless Protocol	Wi-Fi
Compatibility	Alexa, Google Home, Smart Life App
Switch Type	TRIAC
Operating Mode	Manual-Automatic

6. INSTALLATION GUIDE

Before you begin: Ensure power is disconnected at the circuit breaker. This device requires a live wire connection and is designed for a 1-way circuit. While advertised as "no neutral wire needed," the device diagram shows an 'N' terminal, indicating it can be wired with a neutral if available and preferred for stability in some setups. For a no-neutral setup, the dimmer typically draws a small current through the load.

Wiring Diagram (Typical 1-Way Setup with No Neutral Wire):

- Turn off power:** Locate the circuit breaker controlling the light fixture and turn it off. Verify power is off using a voltage tester.
- Remove existing switch:** Carefully remove the existing wall switch from the wall box.
- Identify wires:**
 - Live Wire (L):** This wire brings power from the circuit breaker.
 - Load Wire (L1):** This wire goes to the light fixture.
 - Switch Wire (S1):** If using a traditional wall switch, this wire connects the switch to the dimmer.
- Connect the Dimmer Module:**
 - Connect the **Live wire** from the wall box to the **'L' terminal** on the dimmer module.
 - Connect the **Load wire** (to the light fixture) to the **'L1' terminal** on the dimmer module.
 - If using a traditional wall switch, connect one terminal of the switch to the **'S1' terminal** on the dimmer module. Connect the other terminal of the switch to the **'L' terminal** (Live wire) on the dimmer module.
 - Note on Neutral Wire:* If your setup includes a neutral wire and you wish to use it for potentially more stable operation, connect the neutral wire from the wall box to the 'N' terminal on the dimmer module. However, the product is designed to function without it.
- Secure the module:** Carefully place the dimmer module and wires into the wall box, ensuring no wires are pinched.
- Reinstall switch plate:** Attach the switch plate.
- Restore power:** Turn the power back on at the circuit breaker.

After installation, the connected light should turn on/off with the physical switch. Proceed to the setup section for smart functionality.

7. SMART APP SETUP AND PAIRING

This dimmer module works with the Smart Life app (Tuya Smart app is also compatible).

7.1 Download the App:

- Search for "Smart Life" in the Apple App Store or Google Play Store.
- Download and install the app.
- Register a new account or log in with an existing one.

7.2 Pairing the Dimmer Module:

- Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. (5GHz networks are not supported).

2. Open the Smart Life app.
3. Tap the "+" icon in the top right corner to add a device.
4. Select "Lighting" or "Electrical" category, then choose "Dimmer Switch (Wi-Fi)" or similar.
5. **Enter Pairing Mode:** Turn the light connected to the dimmer module ON-OFF-ON-OFF-ON (or similar sequence, consult the app for the exact sequence if different) until the connected light blinks rapidly. This indicates the dimmer is in pairing mode.
6. Confirm the light is blinking rapidly in the app.
7. Enter your Wi-Fi network name (SSID) and password.
8. The app will begin searching for the device. Once found, it will be added to your device list.
9. You can rename the dimmer module for easier control (e.g., "Living Room Light").

7.3 Integrating with Voice Assistants (Alexa/Google Home):

- Open the Alexa or Google Home app.
- Go to "Skills & Games" (Alexa) or "Works with Google" (Google Home).
- Search for "Smart Life" and enable the skill/link the service.
- Log in with your Smart Life account credentials.
- Discover devices. Your dimmer module should now appear and be controllable via voice commands.

8. OPERATING INSTRUCTIONS

8.1 Manual Control:

- Use the connected traditional wall switch to turn the light ON or OFF.
- *Note:* The physical switch acts as a master control. If the physical switch is OFF, the smart control will not be able to turn the light ON.

8.2 App Control (Smart Life):

- Open the Smart Life app and select your dimmer module.
- Tap the power icon to turn the light ON/OFF.
- Use the brightness slider to adjust the light intensity from 1% to 100%.
- Set schedules, timers, or create scenes for automated control.

8.3 Voice Control (Alexa/Google Home):

- **To turn ON/OFF:** "Alexa, turn on [Device Name]" or "Hey Google, turn off [Device Name]".
- **To dim:** "Alexa, set [Device Name] to 50%" or "Hey Google, dim [Device Name]".
- **To brighten:** "Alexa, brighten [Device Name]" or "Hey Google, brighten [Device Name]".

9. MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the dimmer module and switch plate with a soft, dry cloth. Do not use liquid cleaners or sprays.
- **Firmware Updates:** The Smart Life app may prompt you for firmware updates. It is recommended to keep the device firmware updated for optimal performance and security.
- **Troubleshooting:** Refer to the troubleshooting section for common issues.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on/off.	No power; incorrect wiring; physical switch is off.	Check circuit breaker. Verify wiring according to diagram. Ensure physical switch is in the ON position.

Problem	Possible Cause	Solution
Dimmer module cannot be paired.	Not in pairing mode; wrong Wi-Fi band; incorrect Wi-Fi password; too far from router.	Ensure light blinks rapidly (ON-OFF-ON-OFF-ON sequence). Connect phone to 2.4GHz Wi-Fi. Double-check Wi-Fi password. Move closer to router.
Light flickers or buzzes when dimmed.	Incompatible light bulb (not dimmable LED); load too low/high.	Ensure you are using dimmable LED bulbs. Check if the total wattage of bulbs is within the dimmer's specified range. Try a different brand of dimmable LED.
Voice control not working.	Smart Life skill not enabled/linked; incorrect device name.	Verify Smart Life skill is enabled and linked in Alexa/Google Home app. Ensure device name matches what you are saying. Try rediscovering devices.

11. WARRANTY AND SUPPORT

Specific warranty information for this product may vary by region and retailer. Please refer to your purchase documentation or contact the seller for details regarding warranty coverage.

For technical support or further assistance, please contact AVATTO customer service through the contact information provided on the product packaging or the official AVATTO website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question