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› Aeon Labs AL001 Touch Panel for Micro Switch User Manual

Aeon Labs AL001-B-US

Aeon Labs AL001 Touch Panel for Micro Switch User Manual

Model: AL001-B-US

INTRODUCTION

The Aeon Labs AL001 Touch Panel is a sophisticated, touch-sensitive switch designed to complement Aeon Labs' Z-Wave micro controllers. Featuring a smooth glass front and brushed aluminum sides, this touch panel enhances the aesthetic of any wall switch. It is capable of controlling individual appliances, lights, motors, or entire Z-Wave scenes when paired with a compatible micro controller. Its flat design ensures it does not recess deeply into the gang box, providing ample space for the micro controller and facilitating a cleaner installation.





Figure 1: Front view of the Aeon Labs AL001 Touch Panel. This image shows the sleek glass surface and minimalist design of the touch panel.

SETUP AND INSTALLATION

The AL001 Touch Panel requires an Aeon Labs Z-Wave Micro Controller (such as the Micro Smart Switch or Micro Smart Dimmer) for operation. It is designed to be powered by the micro controller itself.

Pre-installation Checklist:

- Ensure power to the circuit is turned off at the main breaker before beginning installation.
- Verify you have a compatible Aeon Labs Z-Wave Micro Controller.
- Confirm the gang box has sufficient space for both the micro controller and the touch panel.

Installation Steps:

1. **Power Off:** Turn off the main power supply to the switch location.
2. **Install Micro Controller:** Install the Aeon Labs Z-Wave Micro Controller into the gang box according to its specific instruction manual. Ensure all wiring is secure.
3. **Connect Touch Panel:** Connect the AL001 Touch Panel to the micro controller using the designated terminals. Refer to the micro controller's manual for specific wiring diagrams. The touch panel acts as an external switch for the micro controller.
4. **Mount Touch Panel:** Secure the AL001 Touch Panel to the gang box. The flat form factor is designed to sit flush.
5. **Restore Power:** Carefully restore power to the circuit at the main breaker.
6. **Pairing (if necessary):** If the micro controller is not already paired with your Z-Wave network, follow the micro controller's instructions to include it. The touch panel will then control the paired micro controller.



Figure 2: Side view of the Aeon Labs AL001 Touch Panel. This image illustrates the slim profile and the mounting clips designed for flush installation.

OPERATING INSTRUCTIONS

The AL001 Touch Panel functions as a momentary push button for your Aeon Labs Z-Wave Micro Controller. Its operation is straightforward:

- **Basic Control:** A single touch on the panel will toggle the connected device (e.g., turn lights on/off).
- **Dimming (with Dimmer Micro Controller):** If connected to a Micro Smart Dimmer, pressing and holding the touch panel may initiate dimming up or down, depending on the micro controller's configuration. Release to set the desired brightness.
- **Scene Control:** If configured within your Z-Wave gateway, the touch panel can activate pre-programmed Z-Wave scenes. Refer to your Z-Wave gateway's manual for scene setup.

The touch panel may feature an integrated square LED. This LED's behavior (e.g., on/off, color) can often be configured via the connected micro controller's parameters or your Z-Wave gateway, if supported.

MAINTENANCE AND CARE

The AL001 Touch Panel is designed for durability and requires minimal maintenance.

- **Cleaning:** To clean the glass surface, gently wipe with a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Environmental Conditions:** Ensure the touch panel is installed in an indoor environment, away from direct moisture, extreme temperatures, or excessive dust.
- **No User-Serviceable Parts:** The device contains no user-serviceable parts. Do not attempt to disassemble or repair the unit yourself.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Touch panel does not respond.	• No power to the micro controller. • Incorrect wiring between touch panel and micro controller. • Micro controller not functioning.	• Check circuit breaker and power supply. • Verify wiring connections against the micro controller's manual. • Ensure the micro controller is properly installed and powered.
Device does not toggle (on/off) correctly.	• Micro controller configured for a different switch type (e.g., 2-state instead of momentary). • Z-Wave network issue.	• Refer to the micro controller's manual to ensure it is set to momentary push button mode (e.g., for Aeotec Micro Smart Energy Switch G2, press and hold button for 6 seconds to toggle modes). • Check Z-Wave network connectivity and re-pair the micro controller if necessary.
Dimming does not work.	• Connected to a non-dimming micro controller. • Micro controller not configured for dimming via external switch.	• Ensure you are using an Aeon Labs Micro Smart Dimmer. • Consult the Micro Smart Dimmer manual for configuration settings related to external switch dimming.

SPECIFICATIONS

- **Model Number:** AL001-B-US
- **Product Dimensions:** 2.8 x 4.7 x 0.39 inches
- **Item Weight:** 2.4 ounces

- **Color:** Black
- **Material:** Aluminum (sides), Glass (front)
- **Mounting Type:** Panel Mount
- **Switch Style:** Touch Switch (Momentary)
- **Compatibility:** Designed for use with Aeon Labs Z-Wave Micro Controllers (e.g., Micro Smart Switch, Micro Smart Dimmer)
- **Power Source:** Powered by connected Micro Controller

WARRANTY INFORMATION

Specific warranty details for the Aeon Labs AL001 Touch Panel are typically provided with the product packaging or available on the manufacturer's official website. Please refer to the documentation included with your purchase or visit the Aeon Labs support portal for the most current warranty terms and conditions.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or further information regarding the Aeon Labs AL001 Touch Panel, please contact Aeon Labs customer support or visit their official website. Support resources often include FAQs, user forums, and contact forms.

Note: As this product is an accessory to a Z-Wave Micro Controller, support for Z-Wave network integration and advanced configuration may also be found in the documentation for your specific Z-Wave gateway or controller.

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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