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## Abus AZ4110

# Abus AZ4110 LCD Control Panel User Manual

Model: AZ4110 | Brand: Abus



## INTRODUCTION

The Abus AZ4110 LCD Control Panel is an essential expansion module designed for seamless integration with Abus Terxon SX and Terxon MX alarm systems. This panel provides a user-friendly interface for operating and programming your alarm system, significantly enhancing both security and convenience in your home or business environment.

It is engineered for reliable performance and ease of use, making it a valuable addition to your Abus security setup.

## PRODUCT FEATURES

- Designed for comprehensive operation and programming of Terxon SX/MX alarm control panels.
- Suitable for installation in both indoor and protected outdoor environments.
- Enables system operation using a secure PIN code or a convenient proximity chip key.
- Features an integrated proximity chip key reader for quick and easy arming/disarming.
- Functions as a dedicated expansion module, extending the capabilities of your Terxon SX and Terxon MX systems.
- Facilitates quick system operation when strategically mounted near an entrance.
- Supports integration of up to four control panels within a single alarm system for expanded access points.

## SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Abus AZ4110 control panel. Please follow these guidelines:

1. **Mounting Location:** Select a convenient and accessible location for mounting, ideally near a primary entrance or exit point. Ensure the location is protected from direct weather exposure if installed outdoors.
2. **Wiring:** Connect the control panel to your Terxon SX or Terxon MX alarm control panel according to the specific wiring diagrams provided in your main alarm system's installation manual. Ensure all connections are secure and correctly terminated.

3. **System Integration:** Up to four AZ4110 control panels can be integrated into a single Abus alarm system. Follow the instructions in your main alarm system manual for adding new modules.
4. **Professional Installation:** For complex installations or if you are unsure about any steps, it is highly recommended to consult a qualified security system technician.



Image: Front view of the Abus AZ4110 LCD Control Panel, showing the display and function buttons.

## OPERATING INSTRUCTIONS

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The AZ4110 control panel provides intuitive control over your alarm system:

- **Arming the System:** To arm your alarm system, enter your valid PIN code using the keypad or present your registered proximity chip key to the integrated reader. The LCD will display the current system status, confirming successful arming.
- **Disarming the System:** To disarm the alarm system, enter your valid PIN code or present your proximity chip key. The system will disarm, and the LCD will provide confirmation.
- **Programming:** Access programming menus and settings directly via the LCD and keypad. For detailed instructions on specific programming functions (e.g., adding users, configuring zones), refer to your main Abus Terxon SX/MX alarm system manual.
- **Keypad Usage:** The numerical keypad is used for entering PIN codes and navigating programming options. Ensure a firm press for each button to register input correctly.



Image: The Abus AZ4110 control panel with its protective cover open, revealing the numerical keypad.



Image: A hand pressing buttons on the Abus AZ4110 LCD Control Panel's keypad.

## MAINTENANCE

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To ensure the longevity and proper functioning of your AZ4110 control panel, follow these simple maintenance tips:

- **Cleaning:** Use a soft, dry, lint-free cloth to gently clean the LCD screen and the keypad. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the unit.
- **Regular Checks:** Periodically test the control panel's functionality, including button responsiveness and display clarity, as well as the overall alarm system operation, to confirm everything is working as expected.
- **Environmental Protection:** If installed in a protected outdoor area, ensure it remains shielded from direct rain, snow, and extreme temperatures.

## TROUBLESHOOTING

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If you encounter issues with your Abus AZ4110 control panel, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Unwanted Tamper Alarm Triggering	Ensure the control panel is securely mounted and its cover is properly closed. Loose mounting or an improperly secured cover can trigger the tamper switch. If the issue persists, it may indicate an internal fault; contact Abus support.
Buttons Not Responding Consistently	This model's buttons may require a firm press to register input. Ensure you are pressing them adequately. If specific buttons consistently fail, contact Abus support for potential repair or replacement.
Slow Response Time After Code Entry	A delay of 1-2 seconds after entering a code is normal for this device and does not indicate a malfunction.
No Display Backlight at Night	The Abus AZ4110 control panel does not feature a built-in backlight for its LCD display. Use external lighting if visibility is required in dark conditions.
Control Tone Failure	If the audible control tone stops functioning, it may indicate a component failure within the unit. Contact Abus customer support for diagnostic assistance and repair options.

## TECHNICAL SPECIFICATIONS

- **Manufacturer:** ABUS
- **Model Number:** AZ4110
- **Product Dimensions (L x W x H):** 2.31 x 11.3 x 8.99 cm (0.91 x 4.45 x 3.54 inches)
- **Weight:** 199.58 grams (0.44 lbs)
- **Quantity of Items:** 1
- **Batteries Included:** No
- **Batteries Required:** No
- **Compatibility:** Abus Terxon SX, Abus Terxon MX alarm systems
- **Installation Environment:** Indoor and protected outdoor areas

## WARRANTY AND SUPPORT

For detailed information regarding the product warranty, technical assistance, or any service-related inquiries, please contact Abus customer service directly. It is advisable to retain your purchase receipt as proof of purchase for any warranty claims.

You can typically find contact information and support resources on the official Abus website or through your authorized Abus dealer.



