

Securitron PZ1

Securitron PZ1 Piezo Sounder Instruction Manual

Model: PZ1

1. PRODUCT OVERVIEW

The Securitron PZ1 is a remote piezo sounder designed for use in security and access control systems. It functions as an annunciator for various events, such as exit delays or remote door prop alarms. The unit features a powerful 86dB piezo sounder mounted on a durable stainless steel single-gang plate.

Key Features:

- Remote annunciator capability.
- Powerful 86dB piezo sounder for clear alerts.
- Includes anti-tamper screws for secure installation.
- Stainless steel single-gang plate (4.5" x 2.75" [114mm x 70mm]).

2. SETUP AND INSTALLATION

This section details the steps required to properly install and connect your Securitron PZ1 Piezo Sounder. Ensure all power is disconnected before beginning installation.

2.1 Mounting

1. Select a suitable location for the sounder, typically near the area requiring audible alerts.
2. Mount the stainless steel single-gang plate to a standard electrical box or wall surface using appropriate fasteners. The unit includes anti-tamper screws for enhanced security.

2.2 Wiring Connections

The PZ1 sounder operates on a voltage range of 3 to 28 VDC and draws approximately 20mA. It offers two distinct sound patterns: intermittent (INT. SOUND) and continuous (CONT. SOUND).





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amsecoco®

ESZ-26B

3~28VDC / 20mA

INT. SOUND

(+)

(-)

CONT. SOUND

(+)



Figure 1: Securitron PZ1 Piezo Sounder showing the ESZ-26B module and wiring terminals. The terminals are labeled for intermittent sound (INT. SOUND) and continuous sound (CONT. SOUND), each with positive (+) and negative (-) connections. The module specifies operation at 3-28VDC/20mA.

- **Power Supply:** Connect a 3-28 VDC power source to the appropriate terminals.
- **Intermittent Sound:** To activate an intermittent (pulsing) sound, connect the positive (+) and negative (-) wires from your control panel or trigger device to the terminals labeled "INT. SOUND".
- **Continuous Sound:** To activate a continuous (steady) sound, connect the positive (+) and negative (-) wires from your control panel or trigger device to the terminals labeled "CONT. SOUND".
- Ensure correct polarity (+ to + and - to -) for proper operation.

Note: The sounder module itself is identified as ESZ-26B, which is integrated into the PZ1 single-gang plate assembly.

3. OPERATING INSTRUCTIONS

The Securitron PZ1 Piezo Sounder operates automatically based on the input it receives from your security or access control system.

- When the control system sends a signal to the "INT. SOUND" terminals, the sounder will emit an intermittent alarm tone.
- When the control system sends a signal to the "CONT. SOUND" terminals, the sounder will emit a continuous alarm tone.
- The sounder will cease operation once the input signal is removed by the control system.

The 86dB output ensures that the alarm is clearly audible in the intended environment.

4. MAINTENANCE

The Securitron PZ1 Piezo Sounder is designed for reliable, long-term operation with minimal maintenance. Regular inspection can help ensure continued performance.

- **Cleaning:** Periodically wipe the stainless steel plate with a soft, damp cloth to remove dust and grime. Avoid abrasive cleaners or solvents.
- **Connections:** Annually check wiring connections to ensure they are secure and free from corrosion.
- **Testing:** Periodically test the sounder's functionality by triggering an alarm event through your control system to confirm it is operating correctly.

Do not attempt to open or service the internal components of the sounder, as this may void any applicable warranty and could damage the unit.

5. TROUBLESHOOTING

If your Securitron PZ1 Piezo Sounder is not functioning as expected, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or weak sound	◦ No power or incorrect voltage. ◦ Incorrect wiring polarity. ◦ Loose connections. ◦ Faulty control panel output.	◦ Verify power supply (3-28 VDC) is connected and active. ◦ Check wiring for correct polarity (+ to + and - to -). ◦ Ensure all terminal connections are secure. ◦ Test the control panel output with a multimeter to confirm it is sending a signal.
Sounder emits continuous tone when intermittent is expected (or vice-versa)	◦ Incorrect terminals used for wiring.	◦ Review wiring connections and ensure they are connected to the desired "INT. SOUND" or "CONT. SOUND" terminals.

If the problem persists after attempting these solutions, contact technical support.

6. SPECIFICATIONS

Feature	Detail
Model Number	PZ1 (Sounder module: ESZ-26B)
Sound Output	86dB
Operating Voltage	3 - 28 VDC
Current Draw	20mA
Plate Material	Stainless Steel
Plate Dimensions	4.5" x 2.75" (114mm x 70mm)
Product Dimensions (Overall)	5.7 x 4.4 x 2.4 inches
Item Weight	4.8 ounces

7. WARRANTY INFORMATION

Securitron products are typically backed by a manufacturer's warranty. For specific warranty terms and conditions applicable to your PZ1 Piezo Sounder, please refer to the documentation provided with your purchase or visit the official Securitron website. Keep your proof of purchase for warranty claims.

8. TECHNICAL SUPPORT

For technical assistance, installation questions, or troubleshooting beyond the scope of this manual, please contact Securitron customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

Manufacturer: Top Notch Distributors (as per product specifications)

Please have your product model number (PZ1) and any relevant purchase details ready when contacting support.

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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

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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