**Satel AXD-200**

# Satel BE WAVE AXD-200 Multipurpose Detector User Manual

Model: AXD-200

## 1. INTRODUCTION

The Satel BE WAVE AXD-200 is a wireless multipurpose detector designed for integration into home and apartment alarm systems. It functions as a window and door contact sensor, providing anti-burglary protection, and also includes a temperature sensor. This manual provides essential information for the proper installation, operation, and maintenance of your AXD-200 detector.

Figure 1: Satel BE WAVE AXD-200 Multipurpose Detector components.

## 2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- This device is intended for outdoor use, but ensure it is protected from direct extreme weather conditions if possible.
- Use only the specified battery type (1 CR123A Lithium-manganese dioxide). Incorrect battery types may cause damage or fire.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Keep the device away from strong magnetic fields, which can interfere with its operation.

## 3. SETUP

### 3.1 Unboxing and Components

Verify that all components are present:

- AXD-200 Detector Unit

- Magnet Component

- Mounting Screws and Anchors (if included)

## 3.2 Battery Installation

1. Open the detector casing carefully.

2. Insert one CR123A Lithium-manganese dioxide battery, observing the correct polarity (+/-).

3. Close the detector casing securely.

## 3.3 Mounting the Detector

The AXD-200 detector consists of two parts: the main detector unit and a magnet. These parts must be mounted in close proximity to each other on a window or door frame and the moving part (window/door) respectively.

1. Choose a suitable location on the window or door frame where the detector and magnet can be aligned when the window/door is closed. The gap between the two components should not exceed 1 cm (0.4 inches).

2. Clean the mounting surface thoroughly.

3. Attach the main detector unit to the stationary part of the frame using the provided screws or adhesive strips.

4. Attach the magnet component to the moving part of the window or door, ensuring it aligns with the marked area on the main detector unit when closed.

Figure 2: Example installation of the white AXD-200 detector.

Figure 3: Example installation of the brown AXD-200 detector.

### 3.4 Pairing with a Smart HUB

The AXD-200 detector requires a Satel Smart HUB or Smart HUB Plus for operation. Refer to your Smart HUB's manual for specific pairing instructions. Generally, this involves putting the HUB into pairing mode and then activating the detector (e.g., by opening/closing the contact or pressing a pairing button if available).

Figure 4: A Satel Smart HUB is required for detector functionality.

## 3.5 App Configuration

Once paired, use the dedicated Satel mobile application to configure the detector settings, view its status, and monitor temperature readings. The app allows you to customize notifications and integrate the detector into your overall security system.

Figure 5: Mobile application for configuration and monitoring.

## 4. OPERATING THE DETECTOR

### 4.1 Door/Window Contact Function

The detector monitors the open/close status of the door or window it is installed on. When the magnet separates from the main unit (door/window opens), the detector sends a signal to the Smart HUB, triggering an alarm or notification according to your system's configuration.

### 4.2 Temperature Sensor Function

The integrated temperature sensor continuously monitors the ambient temperature at the detector's location. This data is transmitted to the Smart HUB and can be viewed via the mobile application. You may be able to set temperature thresholds for alerts within the app.

### 4.3 Tamper Protection

The AXD-200 features tamper protection. If the detector casing is opened or forcibly removed from its mounting location, it will trigger a tamper alarm, enhancing the security of your system.

Figure 6: Tamper protection mechanism.

## 5. MAINTENANCE

### 5.1 Battery Replacement

When the battery level is low, your Smart HUB and mobile application will typically provide a notification. Replace the CR123A battery as described in Section 3.2. Always use a fresh, high-quality battery of the specified type.

### 5.2 Cleaning

Clean the exterior of the detector with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

### 5.3 Firmware Updates

Periodically check the Satel mobile application or website for available firmware updates for your detector. Updates can improve performance, add features, or address security vulnerabilities. Follow the instructions provided by Satel for any update procedures.

# 6. TROUBLESHOOTING

- **Detector not responding:** Check battery level. Ensure the detector is within range of the Smart HUB. Re-pair the detector if necessary.

- **False alarms:** Verify the mounting alignment of the detector and magnet. Ensure the gap is not too wide. Check for any loose components or vibrations that might cause false triggers.

- **Temperature readings inaccurate:** Ensure the detector is not exposed to direct sunlight or extreme heat/cold sources that do not reflect the ambient room temperature.

- **Connectivity issues:** Check the Smart HUB's status and Wi-Fi connection. Ensure there are no significant obstructions or interference sources between the detector and the HUB.

If issues persist, consult the Satel support website or contact customer service.

# 7. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Model Number | AXD-200 |
| Brand | Satel |
| Manufacturer | SATEL sp. z o.o. |
| Dimensions (L x W x H) | 25.4 x 5.08 x 6.86 cm (10 x 2 x 2.7 inches) |
| Weight | 80 grams (2.82 ounces) |
| Battery Type | 1 x CR123A (Lithium-manganese dioxide) |
| Battery Included | No |
| Recommended Use | For alarm systems |
| Indoor/Outdoor Use | Outdoor |
| Number of Items in Package | 1 |
| Country of Origin | United States of America |

# 8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official Satel website or the warranty card included with your product. Keep your purchase receipt as proof of purchase.

For technical support, product inquiries, or service, please visit the official Satel support portal or contact their customer service department. Contact information can typically be found on the manufacturer's website.

**Satel Official Website:** www.satel.pl