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Avidsen 100115

Avidsen Additional Magnetic Contact User Manual

Model: 100115

Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the Avidsen Additional Magnetic Contact, model 100115. This device is designed to expand the functionality of Avidsen alarm systems, specifically models 100108 and 100111, by providing an additional point of entry detection. It operates on an 868 MHz frequency for reliable wireless communication.

Product Overview

The Avidsen Additional Magnetic Contact consists of two primary components: a main sensor unit and a magnetic contact unit. These units work in conjunction to detect the opening or closing of a door or window.



Figure 1: Avidsen Additional Magnetic Contact. The larger unit is the main sensor, featuring a red indicator light and a button. The smaller, rectangular unit is the magnetic contact.

Components:

- **Main Sensor Unit:** Contains the wireless transmitter, battery compartment, and indicator light.
- **Magnetic Contact Unit:** A passive magnet that triggers the sensor when separated from the main unit.
- **Mounting Hardware:** (Not pictured, but typically included) Screws or adhesive pads for installation.

Setup and Installation

Proper installation is crucial for optimal performance. Ensure the magnetic contact is installed on a stable surface, such as a door or window frame.

Before Installation:

- Ensure your Avidsen alarm system (models 100108 or 100111) is powered on and in pairing mode. Refer to your alarm system's manual for specific pairing instructions.
- Identify the desired location for the magnetic contact (e.g., door frame, window frame).

- Clean the surface where the units will be mounted to ensure proper adhesion if using adhesive pads.

Installation Steps:

1. **Battery Insertion:** Open the main sensor unit's battery compartment and insert the required battery (typically 3 Volts, as per specifications). Observe polarity.
2. **Pairing with Alarm System:** Follow the instructions in your Avidsen alarm system manual to put it into pairing mode. Once in pairing mode, activate the magnetic contact (e.g., by separating and rejoining the two units, or pressing a pairing button on the sensor if available) to link it with the alarm system. A successful pairing is usually indicated by a light or sound from the alarm system.
3. **Mounting the Main Sensor Unit:** Attach the main sensor unit to the fixed part of the door or window frame using the provided screws or adhesive pads. Ensure it is securely fastened.
4. **Mounting the Magnetic Contact Unit:** Attach the smaller magnetic contact unit to the moving part of the door or window (the door/window itself). Position it directly adjacent to the main sensor unit when the door/window is closed. The gap between the two units should be minimal (typically less than 1 cm) for proper operation.
5. **Test Functionality:** Close and open the door/window several times to verify that the sensor triggers the alarm system correctly.

Operating Instructions

Once installed and paired, the Avidsen Additional Magnetic Contact operates automatically in conjunction with your Avidsen alarm system.

- When the alarm system is armed, the separation of the main sensor unit and the magnetic contact unit (e.g., by opening a door or window) will trigger the alarm.
- The red indicator light on the main sensor unit may flash briefly when the contact is triggered, indicating a signal transmission.

Maintenance

Regular maintenance ensures the longevity and reliable operation of your magnetic contact.

- **Cleaning:** Wipe the units periodically with a soft, dry cloth to remove dust and dirt. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The device is battery-powered. When the battery level is low, your alarm system may indicate a low battery warning for this sensor. Replace the battery promptly with a new 3-Volt battery of the correct type. Refer to the specifications for battery type.
- **Position Check:** Periodically check that both units remain securely mounted and that the gap between them when closed is minimal.

Troubleshooting

If you encounter issues with your Avidsen Additional Magnetic Contact, refer to the following common solutions:

Problem	Possible Cause	Solution
Sensor not triggering alarm.	Low battery; Units too far apart; Not properly paired; Interference.	Replace battery; Adjust unit positions (gap < 1cm); Re-pair with alarm system; Relocate sensor away from strong interference sources.

Problem	Possible Cause	Solution
False alarms.	Units shifting; Loose mounting; Vibration.	Re-secure mounting; Ensure stable surface; Check for excessive vibration.
Indicator light not flashing.	Dead battery; Unit malfunction.	Replace battery; If problem persists, contact support.

Specifications

Key technical specifications for the Avidsen Additional Magnetic Contact, model 100115:

- **Model Number:** 100115
- **Compatibility:** Avidsen Alarm Kits 100108 and 100111
- **Wireless Frequency:** 868 MHz
- **Power Source:** Battery Powered (3 Volts)
- **Item Weight:** Approximately 40 g
- **Connectivity:** Wireless
- **Manufacturer:** Avidsen

Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your original Avidsen alarm system kit or visit the official Avidsen website. Keep your purchase receipt as proof of purchase for any warranty claims. For further assistance, you may contact Avidsen customer service through their official channels. Details are typically available on the manufacturer's website or in the main product packaging.

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