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› Daewoo WMS501 Wireless Motion Detector User Manual

Daewoo WMS501

Daewoo WMS501 Wireless Motion Detector User Manual

Model: WMS501

INTRODUCTION

The Daewoo WMS501 Wireless Motion Detector is designed to enhance your Daewoo SA series alarm system by providing reliable motion detection. This device communicates wirelessly with your alarm control unit, triggering an alarm and sending notifications to your smartphone upon detecting movement within its coverage area.

This manual provides essential information for the proper installation, operation, and maintenance of your WMS501 motion detector.



Image: Daewoo WMS501 Wireless Motion Detector in its retail packaging, showing the device and branding.

SAFETY INFORMATION

- Ensure the device is installed in a location where it is protected from direct weather exposure (rain, snow, extreme temperatures).
- Do not attempt to open or repair the device yourself. Refer to qualified personnel for service.
- Dispose of used batteries according to local regulations. Do not incinerate or expose batteries to high temperatures.
- Keep the device out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Daewoo WMS501 Motion Detector
- 1 x Wall Mounting Kit (screws and anchors)
- 1 x User Manual (this document)
- 2 x AA LR6 Alkaline Batteries

SETUP AND INSTALLATION

1. Battery Installation

1. Open the battery compartment cover on the back of the motion detector.
2. Insert the two included AA LR6 alkaline batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

2. Pairing with Daewoo Alarm System

The WMS501 motion detector must be paired with a compatible Daewoo SA series alarm control unit (e.g., SA501). Refer to your Daewoo alarm system's manual for specific instructions on how to add new wireless sensors. The detector communicates via RF868 Mhz frequency for secure data transmission.

3. Mounting Location

Choose a suitable location for installation, considering the following:

- The detector has a detection range of up to 8 meters and a 110° detection angle.
- Install on a wall with a recommended downward inclination of 10° for optimal coverage.
- Avoid placing the detector near heat sources, direct sunlight, or areas with strong air currents (e.g., near air conditioners or vents) to prevent false alarms.
- Ensure the detector is within a maximum wireless range of 90 meters (in open space) from your Daewoo alarm control unit.
- If you have pets, consider using a pet-immune motion detector (e.g., Daewoo WPS501) to avoid false alarms caused by animals.

DAEWOO

DAEWOO



Only compatible with
DAEWOO Alarm System SA501

Compatible avec le système
d'alarme DAEWOO SA501

Le détecteur de mouvement DAEWOO
WMS501 doit obligatoirement être appairé
au système d'alarme DAEWOO SA501 pour
fonctionner.



DAEWOO Motion Sensor
WMS501
DAEWOO Alarm System Accessories





Image: Two views of the Daewoo WMS501 Wireless Motion Detector, showing its compact design and sensor window.

4. Wall Mounting

1. Once the ideal location is identified, use the included wall mounting kit (screws and anchors) to securely attach the detector to the wall.
2. Ensure the detector is firmly fixed and its detection area is clear of obstructions.

OPERATING INSTRUCTIONS

The Daewoo WMS501 motion detector operates in conjunction with your Daewoo SA series alarm control unit. Once paired and installed, it functions as follows:

- When the alarm system is armed, the motion detector actively monitors its detection area.
- Upon detecting movement, the detector sends a signal to the alarm control unit.
- The alarm control unit then triggers the alarm siren and sends immediate notifications (via app, SMS, or call, depending on your alarm system's configuration and SIM card presence) to your registered smartphone.
- The 868 Mhz radio frequency ensures secure and reliable communication, preventing signal jamming or sabotage.

MAINTENANCE

Battery Replacement

The WMS501 motion detector is powered by two AA 1.5V alkaline batteries. When the battery level is low, your Daewoo alarm system will typically indicate this status, often through its mobile application or control panel. To replace the batteries:

1. Disarm your alarm system before proceeding.
2. Carefully open the battery compartment cover on the back of the detector.
3. Remove the old batteries.
4. Insert two new AA 1.5V alkaline batteries, observing the correct polarity.
5. Close the battery compartment cover securely.
6. Test the detector with your alarm system to ensure it is functioning correctly.

Regularly check the battery status through your alarm system's interface to ensure continuous protection.

TROUBLESHOOTING

If you encounter issues with your Daewoo WMS501 motion detector, consider the following:

- **Detector not responding:**
 - Check the batteries. Replace them if they are low or depleted.
 - Ensure the detector is properly paired with your Daewoo alarm control unit. Refer to your alarm system's manual for pairing instructions.
 - Verify the distance between the detector and the alarm control unit. It should be within 90 meters (open space). Obstacles like thick walls can reduce this range.
- **False alarms:**
 - Check the installation location. Ensure it is not near heat sources, direct sunlight, or strong air currents.
 - Confirm that the detection area is clear of moving objects (e.g., curtains, pets if not using a pet-immune model).
 - Adjust the detector's angle if possible to optimize coverage and avoid unwanted triggers.
- **No notifications on smartphone:**
 - Ensure your Daewoo alarm control unit has a working internet connection or a properly installed and active SIM card.
 - Check your alarm system's app settings for notification preferences.
 - Verify that your smartphone has network connectivity.

If problems persist, contact Daewoo customer support or consult your alarm system's comprehensive manual.

SPECIFICATIONS

Model Number	WMS501 (DAWMS501)
Brand	Daewoo
Power Source	Battery powered
Batteries	2 x AA 1.5V Alkaline (included)
Wireless Frequency	868 MHz

Detection Range	Up to 8 meters
Detection Angle	110°
Wireless Communication Range	Up to 90 meters (open space)
Compatible Devices	Daewoo SA series alarm systems (e.g., SA501)
Color	White
Item Weight	127 Grams

WARRANTY INFORMATION

Daewoo products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your WMS501 motion detector, please refer to the warranty card included with your product or visit the official Daewoo website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you require further assistance, have questions about your Daewoo WMS501 motion detector, or need technical support, please contact Daewoo customer service. Contact details can typically be found on the official Daewoo website or in your alarm system's documentation.

You may also find helpful resources and FAQs on the [Daewoo official website](#) (link is illustrative, please verify actual support link).

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

Open the live page

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