

Daewoo WOS501S

Daewoo Solar Powered Wireless Outdoor Alarm Siren WOS501S User Manual

Model: WOS501S | Brand: Daewoo

1. INTRODUCTION

Welcome to the user manual for the Daewoo Solar Powered Wireless Outdoor Alarm Siren, model WOS501S. This device is designed to enhance your existing Daewoo alarm system by providing a powerful outdoor alert. Please read this manual carefully before installation and operation to ensure proper use and maximum security.

This solar-powered siren is built for outdoor use, offering a robust 100dB sound output and a bright flashing light to deter intruders and alert your surroundings. Its wireless design and solar charging capability ensure reliable performance without constant power concerns.

2. SAFETY INFORMATION

- **Installation:** Ensure the siren is mounted securely to prevent it from falling.
- **Power Source:** The siren is solar-powered with a backup battery. Do not attempt to open the battery compartment unless for replacement by a qualified technician.
- **Water Resistance:** While designed to withstand weather, avoid submerging the device in water.
- **Sound Level:** The siren emits a loud 100dB sound. Avoid prolonged exposure to the siren at close range to prevent hearing damage.
- **Compatibility:** This siren is designed to work exclusively with DAEWOO SA501 alarms and alarm packs. It does not function as a standalone alarm.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Daewoo Solar Powered Wireless Outdoor Alarm Siren (WOS501S)
- Mounting Screws and Wall Plugs
- User Manual
- Lithium Polymer Battery (pre-installed)

4. PRODUCT OVERVIEW

The Daewoo WOS501S siren features a robust design for outdoor environments. It integrates a solar panel for continuous charging and a powerful siren with a bright LED flash for effective alerts.



Figure 4.1: Front view of the Daewoo WOS501S Solar Powered Wireless Outdoor Alarm Siren. The top section features a solar panel, and the bottom section houses the siren and flashing light.

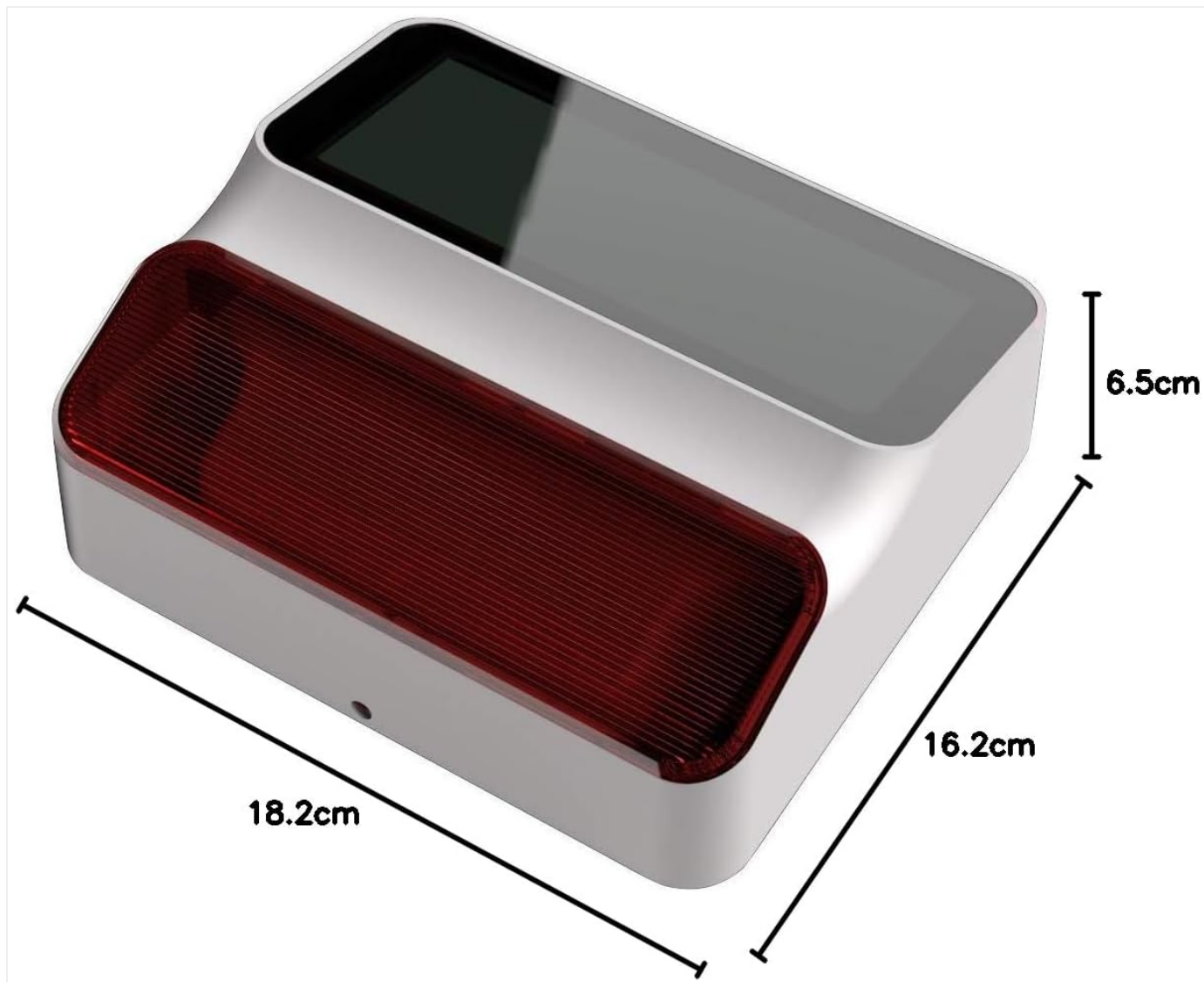


Figure 4.2: Detailed dimensions of the WOS501S siren, indicating its compact size for easy outdoor installation.

5. SETUP AND INSTALLATION

5.1 Compatibility and Connection

The WOS501S siren is an accessory for your Daewoo alarm system (e.g., DAEWOO SA501 alarms). It does not operate independently. Ensure your Daewoo alarm system supports RF433 Mhz communication for proper pairing.

The siren communicates with your alarm system via RF433 Mhz radio frequency, ensuring secure data transmission. It can be installed at a maximum distance of 90 meters (in an open area) from your main alarm unit.

5.2 Mounting Location

Choose an outdoor location that receives ample sunlight for the solar panel to charge effectively. The siren is designed to withstand various weather conditions, so it does not require placement under a roof or shelter. It can be mounted on any type of wall.



Figure 5.1: The siren mounted on an exterior wall, demonstrating its outdoor placement.

5.3 Wall Mounting Steps

1. **Select Location:** Identify a suitable outdoor wall location with good sun exposure and within 90 meters of your Daewoo alarm panel.
2. **Mark Drilling Points:** Use the siren's mounting holes as a template to mark the drilling points on the wall.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type. Insert the wall plugs.
4. **Secure Siren:** Align the siren with the drilled holes and secure it using the provided mounting screws. Ensure it is firmly attached.



Figure 5.2: A closer view of the siren securely mounted on a wall.

5.4 Pairing with Daewoo Alarm System

Refer to your main Daewoo alarm system's user manual for specific instructions on how to add a new wireless siren. Generally, this involves putting the alarm panel into 'pairing mode' and then activating the siren (e.g., by pressing a pairing button inside the siren or triggering it) to establish the connection.

6. OPERATING INSTRUCTIONS

Once successfully paired with your Daewoo alarm system, the WOS501S siren will operate in conjunction with it.

- **Alarm Activation:** In the event of a breach detected by your Daewoo alarm system, the WOS501S outdoor siren will automatically activate. It will emit a loud 100 dB alert sound and a bright flashing light. This serves to alert the immediate vicinity and deter potential intruders.
- **Disarming:** When your main Daewoo alarm system is disarmed (e.g., via remote control or keypad), the outdoor siren will cease its alert.

7. MAINTENANCE

- **Solar Panel Cleaning:** Periodically clean the solar panel surface with a soft, damp cloth to ensure optimal charging efficiency. Dust, dirt, or debris can reduce its performance.
- **Battery Life:** The wireless siren is charged by the sun. The internal Lithium Polymer battery can last for approximately one month without any activation if there is no sunlight. If activated twice a day, the battery can last for about 20 days without sunlight. Regular sun exposure will maintain the battery charge.
- **Weather Resistance:** The siren is specifically designed to withstand various weather conditions. No special shelter is required.



Figure 7.1: The siren operating effectively even in rainy conditions, demonstrating its weather-resistant design.

8. TROUBLESHOOTING

- **Siren Not Activating:**

- Ensure the siren is properly paired with your Daewoo alarm system. Refer to Section 5.4.
- Check the distance between the siren and the main alarm panel. It should be within 90 meters in an open area. Obstructions can reduce range.
- Verify that the main alarm system is functioning correctly and detecting breaches.

- **Weak Siren Sound or Flash:**

- The battery might be low. Ensure the solar panel receives sufficient sunlight for charging. Clean the solar panel if it's dirty.
- Allow several days of good sunlight for the battery to fully charge.

- **Siren Not Charging:**

- Ensure the solar panel is clean and free from obstructions (e.g., leaves, snow).
- Relocate the siren to an area with more direct sunlight exposure.

For further assistance, please refer to the troubleshooting section of your main Daewoo alarm system manual or contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	DAWOS501S
Brand	Daewoo Electronics
Maximum Range	80 meters (approximate, may vary based on environment)
Product Dimensions (L x W x H)	18.2 x 16.2 x 6.5 cm
Weight	890 grams
Color	Dark Grey
Power Source	Battery Powered (Solar Charged)
Battery Type	Lithium Polymer (1 required, included)
Control Method	Remote (via compatible Daewoo alarm system)
Noise Level	100 dB
Installation Type	Wall Mount
Compatible Devices	DAEWOO SA501 alarms and alarm packs

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your complete Daewoo alarm system or visit the official Daewoo Electronics website. Keep your purchase receipt as proof of purchase for any warranty claims. If you encounter any issues not covered in this manual, please contact Daewoo customer service for assistance.

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.

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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