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› Mengshen 113 dB Anti-Theft Vibration Alarm User Manual (Model MS-Z25_1)

Mengshen MS-Z25_1

Mengshen 113 dB Anti-Theft Vibration Alarm User Manual

Model: MS-Z25_1

INTRODUCTION

This manual provides detailed instructions for the Mengshen 113 dB Anti-Theft Vibration Alarm, Model MS-Z25_1. This advanced alarm system is designed to protect various assets, including bicycles, motorcycles, cars, electric scooters, skateboards, and can also be used for home security on doors and windows. It features a 3D displacement sensor, a loud 113 dB alarm, and a remote control for convenient operation and vehicle location.

KEY FEATURES

- **High Volume Alarm:** Emits a powerful 113 dB sound to deter potential thieves. Offers 3 distinct alarm tones and 3 adjustable volume levels.
- **Advanced Vibration Sensor:** Utilizes 3D displacement sensor technology for precise detection of unauthorized movement, minimizing false alarms.
- **Durable and Weatherproof:** Rated IP66 for water resistance, suitable for various weather conditions. Features 7 levels of adjustable sensitivity.
- **Extended Battery Life:** Provides up to 2 years of standby time. Includes a low battery warning function (audible 'jiu' sound after arming/disarming, slow flashing LED in disarmed mode).
- **Remote Vehicle Locator:** Locate your protected item within a 30-60 meter range in open areas. The main unit includes an LED light for visibility in low-light conditions.
- **Versatile Application:** Suitable for a wide range of uses, including bicycles, electric scooters, motorcycles, cars, trailers, mailboxes, doors, and windows.

PACKAGE CONTENTS

The Mengshen 113 dB Anti-Theft Vibration Alarm package includes:

- 1 x Alarm Unit
- 1 x Remote Control
- 2 x AA Batteries (for alarm unit)
- 1 x Button Battery (for remote control)

- Cable Ties for installation
- Double-sided Stickers for installation
- 1 x User Manual

SETUP AND INSTALLATION

The alarm unit and remote control come with pre-installed batteries. Ensure the batteries are correctly seated before first use.

Installation Methods:

1. **Using Cable Ties:** Secure the alarm unit to a bicycle frame or under a seat using the provided cable ties. Ensure it is firmly attached and does not obstruct moving parts.
2. **Using Double-Sided Stickers:** Attach the alarm unit to a flat surface such as a door, window, or under the seat of a motorized vehicle using the provided double-sided stickers. Clean the surface thoroughly before application for optimal adhesion.

113dB

High Volume

3

Alarm Tones

3

Levels

Adjustable Volume



Image: The alarm unit is shown attached to a bicycle frame, illustrating its placement and how it deters theft with a loud 113 dB alarm.



Image: A diagram displaying the physical dimensions of both the alarm unit and its remote control for reference during installation.

OPERATING INSTRUCTIONS

Remote Control Functions:

- **Arm Button (Locked Padlock Icon):** Press once to arm the alarm. A confirmation sound will indicate the alarm is active. Any detected vibration will trigger the alarm.
- **Disarm Button (Unlocked Padlock Icon):** Press once to disarm the alarm. A confirmation sound will indicate the alarm is inactive.
- **Vehicle Locator Button (Speaker Icon):** Press this button to activate a sound and LED light on the alarm unit, helping you locate your vehicle or item from a distance (30-60 meters in open areas).
- **Alarm Tone/Volume Adjustment Button (Lightning Bolt Icon):** Press this button to cycle through the 3 available alarm tones or adjust the 3 volume levels. Refer to the specific instructions for detailed adjustment steps.



Image: The remote control is shown in use, demonstrating the vehicle locator function with an arrow indicating the effective range.

Sensitivity Adjustment:

The alarm features 7 levels of sensitivity. To adjust, refer to the specific instructions in the included user manual for the exact button sequence. Higher sensitivity detects lighter vibrations, while lower sensitivity requires stronger impacts.

MAINTENANCE

- **Battery Replacement:** When the low battery warning is active (audible 'jiu' sound after arming/disarming, slow flashing LED in disarmed mode), replace the AA batteries in the alarm unit and the button battery in the remote control. Ensure correct polarity.
- **Cleaning:** Wipe the alarm unit and remote control with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** While the alarm unit is IP66 waterproof, avoid prolonged submersion or direct high-pressure water jets to ensure longevity.



Image: The alarm unit is shown with water droplets, highlighting its IP66 waterproof rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not activate.	Low batteries in alarm unit or remote control; alarm not armed.	Replace batteries. Ensure the alarm is armed using the remote control.

Problem	Possible Cause	Solution
Alarm triggers too easily or not at all.	Sensitivity setting is too high or too low.	Adjust the sensitivity level (7 levels available) using the remote control.
Remote control not working.	Low battery in remote control; out of range.	Replace remote control battery. Ensure you are within the operating range (30-60m).
Alarm sound is weak.	Low batteries in alarm unit; volume set too low.	Replace alarm unit batteries. Adjust the volume level using the remote control.

SPECIFICATIONS

- **Model Number:** MS-Z25_1
- **Material:** ABS
- **Alarm Unit Dimensions:** Approximately 10.5 cm x 5 cm x 2 cm (4.1 in x 1.9 in x 0.8 in)
- **Remote Control Dimensions:** Approximately 6.8 cm x 3.6 cm x 0.5 cm (2.7 in x 1.4 in x 0.2 in)
- **Alarm Power:** 2 x AA Batteries (included)
- **Remote Control Power:** 1 x Button Battery (included)
- **Waterproof Rating:** IP66
- **Remote Distance:** 30-60 meters (in open areas)
- **Operating Temperature:** -40 °C to +70 °C (-40 °F to +158 °F)
- **Sound Level:** 113 Decibels
- **Sensitivity Levels:** 7 adjustable levels
- **Compatible Devices:** Cars, bicycles, ATVs, road bikes, motorcycles, scooters, doors, windows.

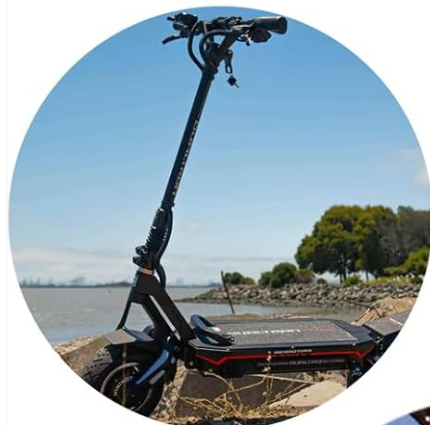


Image: A visual representation of the alarm unit and remote control, demonstrating its wide range of compatible applications.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Mengshen customer service directly. Details regarding specific warranty periods and support channels are typically available on the manufacturer's official website or through your retailer.

Please retain your proof of purchase for any warranty claims.

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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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