

[Manuals.plus](#) /

› [Zerodis](#) /

› Zerodis SW-525A Sound Level Meter User Manual

Zerodis SW-525A

Zerodis SW-525A Sound Level Meter User Manual

Model: SW-525A

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Zerodis SW-525A Sound Level Meter. This device is designed for accurate measurement of sound levels in various environments, featuring a wide measurement range, a large LCD display, and alarm functions.



Image: The Zerodis SW-525A Sound Level Meter displaying a sound level of 54.0 dB, shown in a typical indoor environment.

PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x Zerodis SW-525A Sound Level Meter
- 1 x USB Cable



Image: The Zerodis SW-525A Sound Level Meter shown alongside its included USB cable.

PRODUCT OVERVIEW

The Zerodis SW-525A features a clear LCD display and intuitive controls for easy operation.



- 1. Power ON/OFF key**
- 2. Down key:** short press for reducing value while setting, hold for continuous reducing.
- 3. Up key:** short press for increasing value while setting, hold for continuous increasing.
- 4. Alarm ON/OFF key:** short press for ON/OFF alarm, hold for setting.

Image: A detailed view of the Zerodis SW-525A, highlighting the USB outlet, audio outlet, microphone sensor, and the four control buttons on the side.

Key Components:

- **9.6" LCD Display:** Large digital display for clear sound level readings.
- **Microphone Sensor:** Detects ambient sound levels.
- **USB Outlet:** For power supply (DC 5V 1A micro USB).
- **Audio Outlet:** Outputs a 2KHz alarm signal when the alarm threshold is exceeded, capable of driving an external loudspeaker.
- **Control Buttons:** Power ON/OFF, Down, Up, and Alarm ON/OFF/Setting keys.

SW-525A



Fast response measurement



Sound and light alarm prompt



9.6" Large size screen



High precision measurement



Wall mounting



Real-time monitoring



Image: An infographic illustrating the main features of the SW-525A, including fast response, alarm prompts, large screen, high precision, wall mounting, and real-time monitoring.

SPECIFICATIONS

Feature	Specification
Model	SW-525A
Accuracy	$\pm 1.5\text{dB}$
Measurement Range	30~130dB
Frequency Response Range	31.5Hz~8.5KHz
Frequency Weighting	A
Response	Fast

Resolution	0.1dB (<100dB), 1dB (>100dB)
Alarm Reminder	Yes
Alarm Output	Yes
Storage Function	No
Communication	No
Power	DC 5V 1A micro USB
Product Size	210 x 130 x 28mm (8.3 x 5.1 x 1.1 inches)
Item Weight	590 g



Image: The Zerodis SW-525A Sound Level Meter with its physical dimensions clearly marked.

Power Connection

1. Connect the provided USB cable to the micro USB port on the side of the sound level meter.
2. Connect the other end of the USB cable to a DC 5V 1A power adapter (not included) or a compatible USB power source.
3. The device will power on automatically or can be powered on using the Power ON/OFF key.

Placement

The SW-525A is designed for versatile placement:

- **Wall Mounting:** Utilize the hanging hole on the back of the device to mount it securely on a wall.
- **Tabletop Use:** The device can also be placed freestanding on a table or flat surface.



Image: Various views of the SW-525A, including the front display, the back panel with wall mounting holes, and a side profile.

Control Buttons

1. Power ON/OFF Key:

- **Short press:** Powers the device ON.
- **Hold:** Powers the device OFF.

2. Down Key (▽):

- **Short press:** Decreases a value during setting.
- **Hold:** Continuously decreases a value during setting.

3. Up Key (△):

- **Short press:** Increases a value during setting.
- **Hold:** Continuously increases a value during setting.

4. Alarm ON/OFF Key:

- **Short press:** Toggles the alarm function ON or OFF.
- **Hold:** Enters alarm setting mode to adjust the alarm threshold.

Alarm Function

The device features an audible and visual alarm:

- When the measured sound level exceeds the preset alarm value, the meter will emit a beeping sound.
- The display will flash, and the data will be locked for 2 minutes, indicating an alarm condition.
- The audio outlet will output a 2KHz signal, which can be connected to an external loudspeaker for a louder alarm.



Image: The SW-525A display showing a sound level of 54.0 dB, with an alarm icon indicating the active alarm function.

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Ensure the microphone sensor is free from dust and obstructions for accurate readings.
- Store the device in a dry environment, away from extreme temperatures and direct sunlight.
- Do not attempt to disassemble or modify the device, as this will void the warranty.

TROUBLESHOOTING

No Display/Device Not Powering On

- Ensure the USB cable is securely connected to both the device and a functional 5V 1A power source.
- Verify the power source is active.
- Press and hold the Power ON/OFF key for a few seconds to ensure it's not just a short press.

Inaccurate Readings

- Check that the microphone sensor is not obstructed or covered.
- Ensure the device is placed in an open area, away from surfaces that might reflect or absorb sound unnaturally.
- Avoid placing the device near strong electromagnetic fields, which can interfere with measurements.

Alarm Not Functioning

- Verify that the alarm function is enabled (short press the Alarm ON/OFF key).
- Check the alarm threshold setting (hold the Alarm ON/OFF key) to ensure it is set appropriately for your environment.

WARRANTY AND SUPPORT

This Zerodis SW-525A Sound Level Meter comes with a **12-month product warranty**.

For any issues, questions, or support needs within the warranty period, please contact the seller or manufacturer directly. Free exchange is available within the 12-month warranty period for product defects.

ENVIRONMENTAL CONSIDERATIONS

This device is suitable for use in various indoor environments such as homes, factories, offices, hotels, hospitals, laboratories, theaters, and for audio system monitoring.

Applicable Scene



Image: Examples of typical environments where the SW-525A Sound Level Meter can be used, including hospitals, factories, and classrooms.

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