ZOHAN 054

ZOHAN 054 Electronic Hearing Protection Earmuffs

User Manual

Introduction

The ZOHAN 054 Electronic Hearing Protection Earmuffs are designed to safeguard your hearing in noisy environments while allowing you to hear important ambient sounds. This device features advanced noise reduction technology combined with sound amplification for enhanced situational awareness. Please read this manual thoroughly before using the earmuffs to ensure proper operation and safety.



The ZOHAN 054 earmuffs feature a convenient foldable design for easy storage and portability.

Key Features

- **Electronic Hearing Protection:** Provides ultimate safety by blocking harmful noise levels.
- **Sound Amplification:** Amplifies important ambient sounds up to 82 dB for improved communication and awareness.
- **Active Noise Reduction:** Instantly blocks noise exceeding 82 dB with a reaction time of 0.01 seconds.
- **Noise Reduction Rating (NRR):** 22 dB.
- **Signal-to-Noise Ratio (SNR):** 27 dB.
- **AUX Input:** Connect external audio devices via a 3.5 mm cable (included).
- **Adjustable Volume Control:** Ergonomic knob for easy sound level adjustment.

- **Comfortable Design:** Features PU leather headband and soft ear cushions for extended wear.
- **Compliance:** Meets ANSI S3.19-1974, CE EN352-1, EN352-4, EN352-6 standards.



The earmuffs amplify low-level sounds while actively reducing noise above 82 dB with a rapid 0.01-second reaction time.

Package Contents

Verify that all items are present in the package:

- ZOHAN 054 Electronic Hearing Protection Earmuffs
- Hard Case (1x)
- Carabiner (1x)
- 3.5 mm Audio Connection Cable (1x)
- User Manual



Contents of the ZOHAN 054 package.

Product Diagram

Familiarize yourself with the components of your ZOHAN 054 earmuffs:

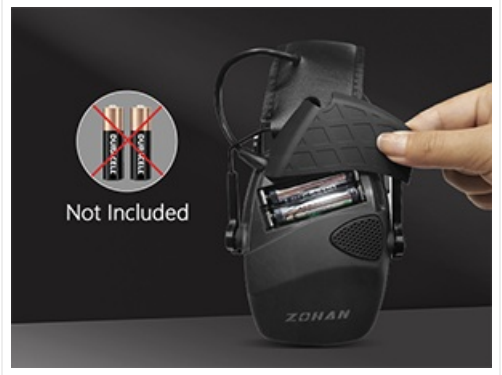


Main structure of the ZOHAN 054 earmuffs, highlighting key components such as the PU Leather/Foam headband, Adjustable Telescopic Rod, Microphone, On/Off Switch/Volume Control, and Audio Input.

Setup

Battery Installation

1. Locate the battery compartment cover on one of the earcups.
2. Gently open the cover.
3. Insert two (2) AAA batteries (not included) according to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment cover securely.



Insert 2 AAA batteries into the designated compartment. Batteries are not included.

Adjusting the Fit

For optimal hearing protection and comfort, ensure the earmuffs fit snugly over your ears.

1. Extend the adjustable telescopic rods on both sides of the headband.
2. Place the earmuffs over your ears, ensuring the earcups fully cover them.
3. Slide the earcups up or down the telescopic rods until the headband rests comfortably on your head and the ear cushions create a tight seal around your ears.

Operating Instructions

Power On/Off and Volume Control

1. To power on the earmuffs, rotate the On/Off Switch/Volume Control knob clockwise until you hear a click.
2. Continue rotating the knob clockwise to increase the volume of ambient sounds.
3. Rotate the knob counter-clockwise to decrease the volume.
4. To power off the earmuffs, rotate the knob counter-clockwise until you hear a click and the unit turns off.



The ergonomic volume control knob allows for easy adjustment of sound amplification.

Using the AUX Input

The ZOHAN 054 earmuffs include a 3.5 mm audio input for connecting external audio devices.

1. Locate the 3.5 mm audio input jack on one of the earcups.
2. Connect one end of the provided 3.5 mm audio cable to the earmuffs' AUX input.
3. Connect the other end of the cable to your audio device (e.g., smartphone, MP3 player).
4. Adjust the volume on your audio device and the earmuffs for a comfortable listening experience.

Maintenance

Cleaning

- Wipe the exterior of the earmuffs with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no moisture enters the electronic components.
- The care instructions for the fabric parts (if any) state "Dry clean only."

Replacing Ear Cushions

Over time, ear cushions may wear out. Replace them to maintain optimal comfort and noise reduction.

1. Gently pull out the old ear cushions from the earcup.
2. Remove the plastic shell underneath the ear cushion.
3. Replace the old dustproof mesh fabric if necessary.
4. Locate the plastic buckle on the new ear cushion.
5. Align the new ear cushion with the earcup and press firmly around the edges until it is perfectly adjusted and secured.



Instructions for replacing the EP-01 ear cushions.

Specifications

Model	ZOHAN 054
Noise Reduction Rating (NRR)	22 dB
Signal-to-Noise Ratio (SNR)	27 dB
Sound Amplification	Up to 82 dB
Noise Blocking Reaction Time	0.01 seconds

Power Source	2 x AAA Batteries (not included)
Audio Input	3.5 mm Jack
Compliance Standards	ANSI S3.19-1974, CE EN352-1, EN352-4, EN352-6
Department	Unisex - Adult
First Available Date	October 6, 2021



The ZOHAN 054 earmuffs meet international safety standards.

Troubleshooting

- **No Sound/Low Volume:**
  - Ensure batteries are correctly installed and not depleted. Replace if necessary.
  - Check that the On/Off Switch/Volume Control knob is turned on and adjusted to an audible level.
  - If using AUX input, ensure the cable is securely connected and the external device's volume is up.
- **Distorted Sound:**
  - Lower the volume on the earmuffs or the connected audio device.
  - Check for loose connections if using AUX input.
- **Poor Noise Reduction:**
  - Ensure the earmuffs are properly adjusted and create a tight seal around your ears.
  - Inspect ear cushions for wear or damage and replace if needed.

Warranty and Support

ZOHAN is committed to providing high-quality products and customer satisfaction. If you encounter any issues or have questions regarding your ZOHAN 054 Electronic Hearing Protection Earmuffs, please contact our dedicated customer service team.
For assistance, please refer to the contact information provided with your purchase or visit the official ZOHAN website.

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