Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

ZOHAN EM042

ZOHAN EM042 AM/FM Radio Hearing Protection Headphones User Manual

Model: EM042

1. Introduction

The ZOHAN EM042 AM/FM Radio Hearing Protection Headphones are designed to provide effective noise reduction while allowing users to listen to AM/FM radio. These headphones feature a digital display, comfortable ear cushions, and a durable construction, making them suitable for various noisy environments such as lawn mowing, landscaping, woodworking, and other industrial or recreational activities requiring hearing protection.





Figure 1: ZOHAN EM042 AM/FM Radio Hearing Protection Headphones (Gray model).

2. Product Features

- **Noise Reduction Rating (NRR):** 25dB for effective hearing protection.
- **Digital AM/FM Radio:** Built-in radio with digital tuning and LCD display.
- **Station Memory:** Stores up to 10 AM and 10 FM radio stations.
- **Auxiliary Input:** 3.5mm audio jack for connecting external devices.
- **Comfort:** Padded headband and soft, replaceable ear cushions for extended wear.
- **Power Source:** Requires 2 AA batteries (not included).
- **Durable Construction:** Made with durable ABS shell and double-thickened noise-dampening foam.



Figure 2: Detailed view of the ZOHAN EM042 showing digital LCD display, push-button controls, rotate volume control, strengthened antenna, padded headband, soft ear cushion, and adjustable design.

3. Setup and Adjustment

3.1 Battery Installation

1. Locate the battery compartment on one of the ear cups.
2. Gently open the battery compartment cover.
3. Insert two (2) AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment cover securely.



Figure 3: Battery compartment showing correct AA battery placement.

3.2 Adjusting for Fit

For optimal noise reduction and comfort, ensure the headphones fit snugly over your ears. Adjust the headband by sliding the ear cups up or down until they cover your ears completely and comfortably. The padded headband and soft ear cushions are designed for extended wear.



Figure 4: Proper fit of the ZOHAN EM042 headphones for comfortable and effective use during activities like gardening.

4. Operating Instructions

4.1 Power On/Off and Volume Control

- To power on, rotate the volume control knob (typically located on the bottom of one ear cup) clockwise until the LCD display illuminates.
- To power off, rotate the volume control knob counter-clockwise until it clicks and the display turns off.
- Adjust the volume by rotating the same knob clockwise to increase and counter-clockwise to decrease.



Figure 5: Close-up of the control panel, highlighting the volume knob for power and audio adjustment.

4.2 AM/FM Radio Tuning

- Once powered on, the headphones will typically default to the last tuned radio station.
- Use the "M" button to switch between AM and FM bands.
- Use the tuning buttons (usually labeled with arrows or "+"/"-") to manually scan for stations. Press and hold for auto-scanning.
- The LCD display will show the current frequency.



Figure 6: The ZOHAN EM042 headphones feature broad radio reception capabilities for AM/FM stations, indicated by the digital display and antenna.

4.3 Storing and Recalling Stations

The EM042 allows you to store up to 10 AM and 10 FM stations for quick access.

1. Tune to your desired AM or FM station.
2. Press and hold the "M" (Memory) button until the station number on the LCD display starts flashing.
3. Use the tuning buttons to select a memory preset number (1-10).
4. Press the "M" button again to confirm and save the station.
5. To recall a saved station, briefly press the "M" button to cycle through your stored presets.

Your browser does not support the video tag.

Video 1: Demonstration of tuning and storing AM/FM radio stations on PROHEAR headphones, which share similar functionality with ZOHAN EM042.

4.4 Using the Auxiliary Input

The 3.5mm auxiliary input allows you to connect external audio devices such as smartphones or MP3 players.

1. Locate the 3.5mm auxiliary port on one of the ear cups.
2. Connect one end of a 3.5mm audio cable (often included) to this port.
3. Connect the other end of the audio cable to your external audio device.
4. Ensure the headphones are powered on. Audio from your connected device will now play through the headphones.



Figure 7: The 3.5mm audio jack allows connection to smartphones or MP3 players for personalized audio while working.

5. Maintenance

5.1 Cleaning

Wipe the exterior of the headphones with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no liquid enters the electronic components.

5.2 Replacing Ear Cushions

The ear cushions are designed to be replaceable. If they become worn, cracked, or dirty, they can be easily snapped off and replaced with new ones to maintain comfort and hygiene.

6. Troubleshooting

Problem	Possible Cause	Solution
No power/Headphones not turning on	Dead or incorrectly inserted batteries.	Replace batteries with fresh AA batteries, ensuring correct polarity. Check battery compartment contacts.
Poor radio reception	Weak signal, antenna not extended, or interference.	Extend the antenna fully. Try moving to a different location. Perform an auto-scan for stations.
No sound from auxiliary input	Audio cable not fully inserted, external device volume too low, or incorrect mode.	Ensure the 3.5mm cable is securely connected to both the headphones and the external device. Increase volume on the external device. Ensure headphones are powered on.
Batteries jiggle or lose contact	Battery contact tabs are not making firm contact.	Carefully adjust the metal contact tabs in the battery compartment using a small, flat-head screwdriver to ensure a tighter fit for the batteries.

Your browser does not support the video tag.

Video 2: Instructions on how to adjust battery contact tabs in the battery compartment to ensure secure battery placement and prevent power issues.

7. Specifications

- **Model:** EM042
- **Noise Reduction Rating (NRR):** 25 dB
- **Single Number Rating (SNR):** 25 Decibels
- **Power Source:** 2 x AA Batteries (not included)
- **Material:** Durable ABS shell & double thickened noise dampening foam
- **Item Dimensions:** 16 x 10.4 x 20.6 Centimetres
- **Color:** Gray (Am/Fm - Gray variant)
- **Age Range:** Adult

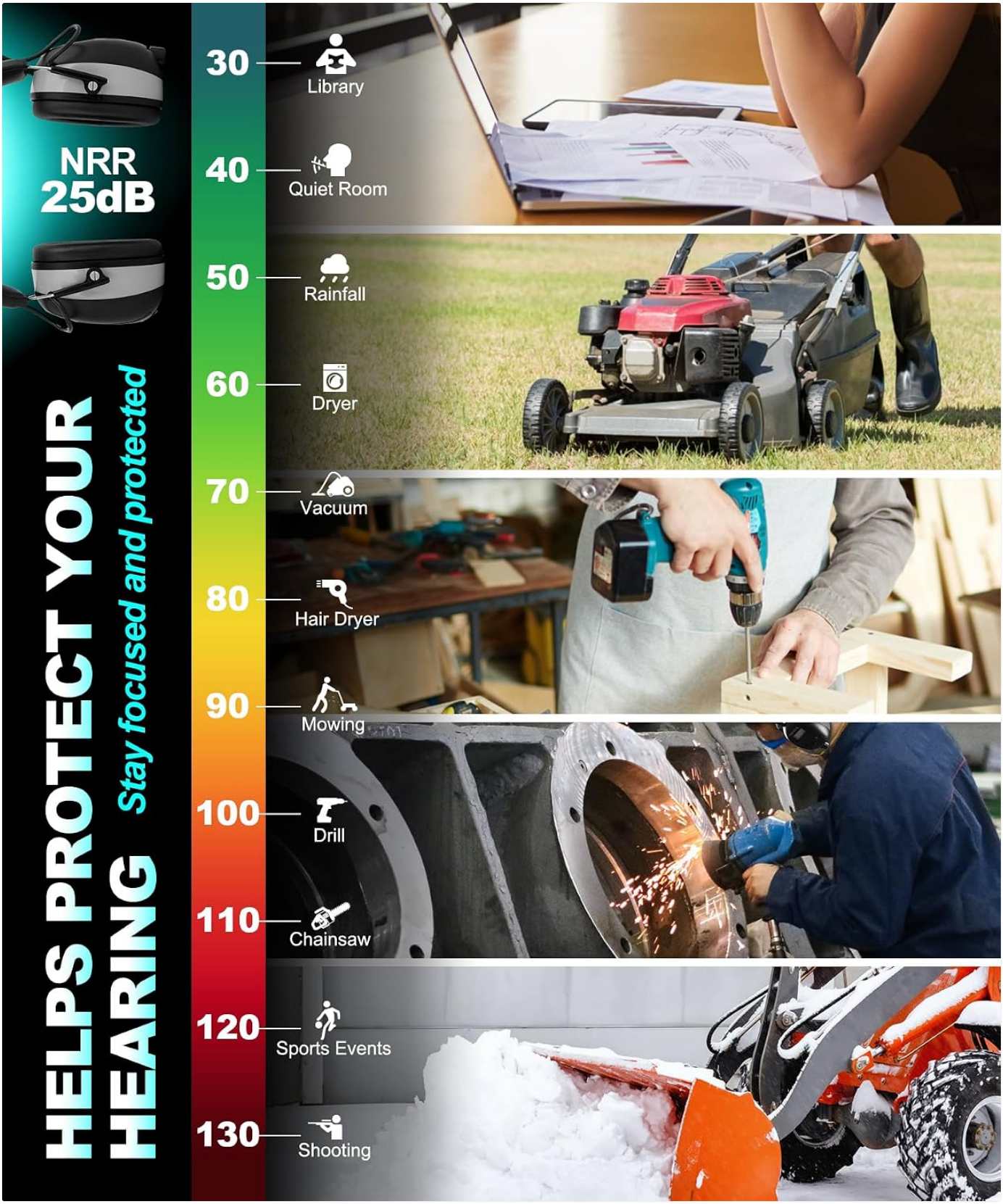


Figure 8: Chart illustrating the NRR 25dB effectiveness against various noise levels, from quiet rooms to loud machinery.

8. Safety Information

- Always ensure the headphones are properly fitted to achieve the stated Noise Reduction Rating (NRR).
- Do not expose the headphones to extreme temperatures or direct sunlight for prolonged periods.
- Keep batteries out of reach of children. Dispose of used batteries responsibly.
- Avoid using headphones at excessively high volumes for extended periods to prevent hearing damage.
- Do not modify or disassemble the headphones, as this may void the warranty and compromise safety.

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official ZOHAN website. Keep your purchase receipt as proof of purchase.

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

https://manuals.plus/asin/B07H913PRR

More documents and user manuals: **https://manuals.plus/**