

ZOHAN EM042, EM037

ZOHAN EM042 & EM037 Hearing Protection Headphones User Manual

Models: EM042 (AM/FM Radio Headphone) & EM037 (Bluetooth Hearing Protection Headphone)

1. INTRODUCTION

This manual provides detailed instructions for the ZOHAN EM042 AM/FM Radio Headphone and the ZOHAN EM037 Bluetooth Hearing Protection Headphone. These devices are designed to provide hearing protection while offering audio entertainment or communication capabilities in noisy environments. Please read this manual thoroughly before using the products to ensure proper operation and safety.



Image 1: ZOHAN EM042 (left, yellow) and EM037 (right, green) Hearing Protection Headphones.

2. SAFETY INFORMATION

Always prioritize your safety. These headphones are designed to reduce noise exposure. Failure to follow these instructions may result in hearing damage or other injuries.

- Ensure the headphones fit snugly over your ears to achieve the stated Noise Reduction Rating (NRR).
- Do not modify the headphones. Unauthorized modifications may compromise their protective capabilities.
- Clean the headphones regularly as instructed in the maintenance section.
- Replace ear cushions if they become worn or damaged to maintain effective noise reduction.
- Avoid listening to audio at excessively high volumes for extended periods, even with hearing protection, to prevent potential hearing fatigue.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ZOHAN EM042 AM/FM Radio Headphone (Yellow)
- ZOHAN EM037 Bluetooth Hearing Protection Headphone (Green)

- 3.5mm Audio Cable (for EM042)
- USB Charging Cable (for EM037)
- User Manual (this document)

Note: AA batteries for the EM042 are not included and must be purchased separately.

4. ZOHAN EM042 AM/FM RADIO HEADPHONE

4.1 Product Overview & Components

The EM042 features an integrated AM/FM radio with a digital display, providing a Noise Reduction Rating (NRR) of 24dB. It is powered by AA batteries and includes a 3.5mm auxiliary input.



Image 2: Key components of the ZOHAN EM042 headphone.

- **Strengthened Antenna:** For improved radio reception.
- **Ultra Padded Headband:** Wider and thicker for comfort.
- **Replaceable Foam Ear Cushions:** Snap-in design for easy maintenance.
- **Digital LCD Display:** Shows radio frequency and settings.
- **Push-Button Design:** For easy operation of controls.

- **Reinforced Volume Control:** Durable and stable.
- **Classic 3.5mm AUX Port:** For connecting external audio devices.
- **3-Layer Ear Cup:** Enhances noise reduction and hearing protection.

4.2 Setup & Battery Installation

1. Locate the battery compartment on one of the ear cups.
2. Open the compartment and insert two (2) AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.
4. To connect an external audio device, plug the supplied 3.5mm audio cable into the AUX port on the EM042 and the other end into your audio source.

4.3 Operating the EM042 Radio

1. **Power On/Off:** Press and hold the power button (usually marked with a circle and a line) to turn the headphones on or off.
2. **Volume Control:** Use the dedicated volume knob or buttons to adjust the listening volume.
3. **AM/FM Selection:** Press the 'M' button to switch between AM and FM bands.
4. **Manual Tuning:** Use the arrow buttons (up/down) to manually tune to desired frequencies.
5. **Auto-Scanning & Presets:** Press and hold the 'M' button to initiate auto-scanning. The EM042 can store up to 10 AM and 10 FM stations. Use the arrow buttons to cycle through saved presets.

5. ZOHAN EM037 BLUETOOTH HEARING PROTECTION HEADPHONE

5.1 Product Overview & Components

The EM037 provides a Noise Reduction Rating (NRR) of 25dB and features Bluetooth 5.0 technology for wireless audio streaming and calls. It includes a rechargeable battery for extended playtime.

WHY CHOOSE ZOHAN EM037



Bluetooth 5.0
Latest bluetooth technology makes sure a fast and stable connection with a wide range up to 80ft

Effective Noise Reduction
NRR 25dB, it will automatically protect your hearing from harmful sound

Rechargeable Battery
With a 1500mAh rechargeable battery, the playtime can be extended to 40 hours in Bluetooth mode

Great Comfort
Weighs about 0.66lb, with the extra-thick headband & ear cushions, supports prolonged wear

Image 3: Key features of the ZOHAN EM037 headphone.

- **Bluetooth 5.0:** Ensures a stable connection with a wide range (up to 80ft).
- **Effective Noise Reduction:** NRR 25dB protects hearing from harmful sound levels.
- **Rechargeable Battery:** 1500mAh battery provides up to 40 hours of playtime in Bluetooth mode.
- **Comfort Design:** Extra-thick headband and ear cushions for prolonged wear.



LEADING BLUETOOTH 5.0



Hand-free calling



Music



Image 4: Benefits of Bluetooth 5.0 in the EM037, including hand-free calling and music.

5.2 Setup & Charging

1. **Charging:** Connect the supplied USB charging cable to the charging port on the EM037 and the other end to a USB power source (e.g., computer, wall adapter). A full charge takes approximately 4 hours.
2. **Power On/Off:** Press and hold the power button to turn the headphones on or off.
3. **Bluetooth Pairing:**
 - With the headphones powered on, they will automatically enter pairing mode (indicated by a flashing LED).
 - On your device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
 - Select "ZOHAN EM037" from the list to connect. Once paired, the LED indicator will show a solid light.

Music Phone call

Bluetooth Mode

40hrs
PLAYTIME

RECHARGABLE

4 hrs
CHARGE

Unlimited
PLAYTIME

Wired Mode

Walkie Talkie 3.5mm cable for audio FM/AM Radio

Image 5: EM037 charging time (4 hours) and playtime (40 hours Bluetooth, unlimited wired).

5.3 Operating the EM037 Bluetooth

- **Music Playback:** Use the control buttons on the headphone to play/pause music, skip tracks (next/previous), and adjust volume. These controls typically mirror your connected device's media controls.
- **Call Handling:**
 - **Answer/End Call:** Press the multi-function button once.
 - **Reject Call:** Press and hold the multi-function button.
 - **Redial Last Number:** Double-press the multi-function button.
- **Wired Mode:** The EM037 can also be used in wired mode by connecting a 3.5mm audio cable (not included) to its AUX port and your audio device. This provides unlimited playtime.

6. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your ZOHAN headphones.

- **Cleaning:** Wipe the ear cups and headband with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no liquid enters the electronic components.

- **Ear Cushion Replacement:** The EM042 features snap-in replaceable ear cushions. Gently pull off the old cushions and snap new ones into place. This is recommended periodically to maintain hygiene and noise reduction performance.
- **Storage:** Store the headphones in a clean, dry place away from extreme temperatures and direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
EM042 No Power	Dead or incorrectly inserted AA batteries.	Replace batteries with new ones, ensuring correct polarity.
EM042 Poor Radio Reception	Weak signal, antenna not extended, interference.	Extend the antenna fully. Move to an area with better signal. Try auto-scanning for stronger stations.
EM037 Cannot Pair Bluetooth	Headphones not in pairing mode, device Bluetooth off, too far from device.	Ensure EM037 is on and flashing (pairing mode). Turn Bluetooth on your device. Move device closer to headphones (within 80ft).
EM037 No Audio	Volume too low, not connected, audio source paused.	Increase headphone and device volume. Re-establish Bluetooth connection. Check audio source playback.
Reduced Noise Protection	Improper fit, worn ear cushions.	Adjust headphones for a snug fit. Inspect and replace ear cushions if damaged or worn.

8. SPECIFICATIONS

ZOHAN EM042

- **Noise Reduction Rating (NRR):** 24dB
- **Radio:** AM/FM Digital Tuning
- **Presets:** 10 AM, 10 FM stations
- **Display:** LCD Digital
- **Power Source:** 2 x AA Batteries (not included)
- **Connectivity:** 3.5mm Audio Jack (Wired)
- **Material:** Plastic

ZOHAN EM037

- **Noise Reduction Rating (NRR):** 25dB
- **Bluetooth Version:** 5.0
- **Wireless Range:** Up to 80ft
- **Battery:** 1500mAh Rechargeable
- **Charging Time:** Approximately 4 hours

- **Playtime:** Up to 40 hours (Bluetooth mode)
- **Connectivity:** Bluetooth, 3.5mm Audio Jack (Wired)
- **Material:** ABS Plastic, PVC Leather



Image 6: ZOHAN headphones providing noise protection in activities like woodworking, studying, and tractor operation.

9. WARRANTY AND SUPPORT

ZOHAN products are backed by a **ONE-YEAR-WARRANTY**. Additionally, ZOHAN provides **LIFE-TIME TECHNICAL SUPPORT** for its products. For warranty claims, technical assistance, or any inquiries, please contact ZOHAN customer service through their official channels.

For further assistance, please visit the ZOHAN store on Amazon: [ZOHAN Store](#)