ZOHAN EM035

ZOHAN EM035 Bluetooth 5.4 Shooting Ear Protection Earmuffs User Manual

Model: EM035

Product Overview

The ZOHAN EM035 Bluetooth 5.4 Shooting Ear Protection Earmuffs are engineered to provide superior hearing protection while offering advanced features for communication and entertainment in noisy environments. These earmuffs combine active noise cancellation with sound amplification, making them an essential tool for shooting, hunting, mowing, and other activities where hearing safety and situational awareness are crucial.



Figure 1: ZOHAN EM035 Earmuffs and Packaging

Key Features

- **Advanced Bluetooth 5.4 Technology:** Ensures fast, stable connection for seamless audio streaming and communication.
- **Premium Noise Reduction (NRR 22dB):** Provides effective hearing protection in loud environments.
- **Active Noise Reduction:** Reacts within 0.01 seconds to suppress sounds exceeding 82dB.
- **Sound Amplification:** Two omnidirectional microphones amplify subtle sounds by up to 4X, enhancing situational awareness.
- **Comfortable & Adjustable Design:** Features a wider headband and adjustable earmuffs suitable for most head shapes, ensuring comfort during extended wear.
- **Foldable & Portable:** Compact design for easy storage and transport.
- **Independent Volume Control:** Separate knobs for Bluetooth audio and external sound amplification for precise

control.

- **Certified Safety:** Backed by ANSI S3.19-1974 and CE EN 352-1 certifications.

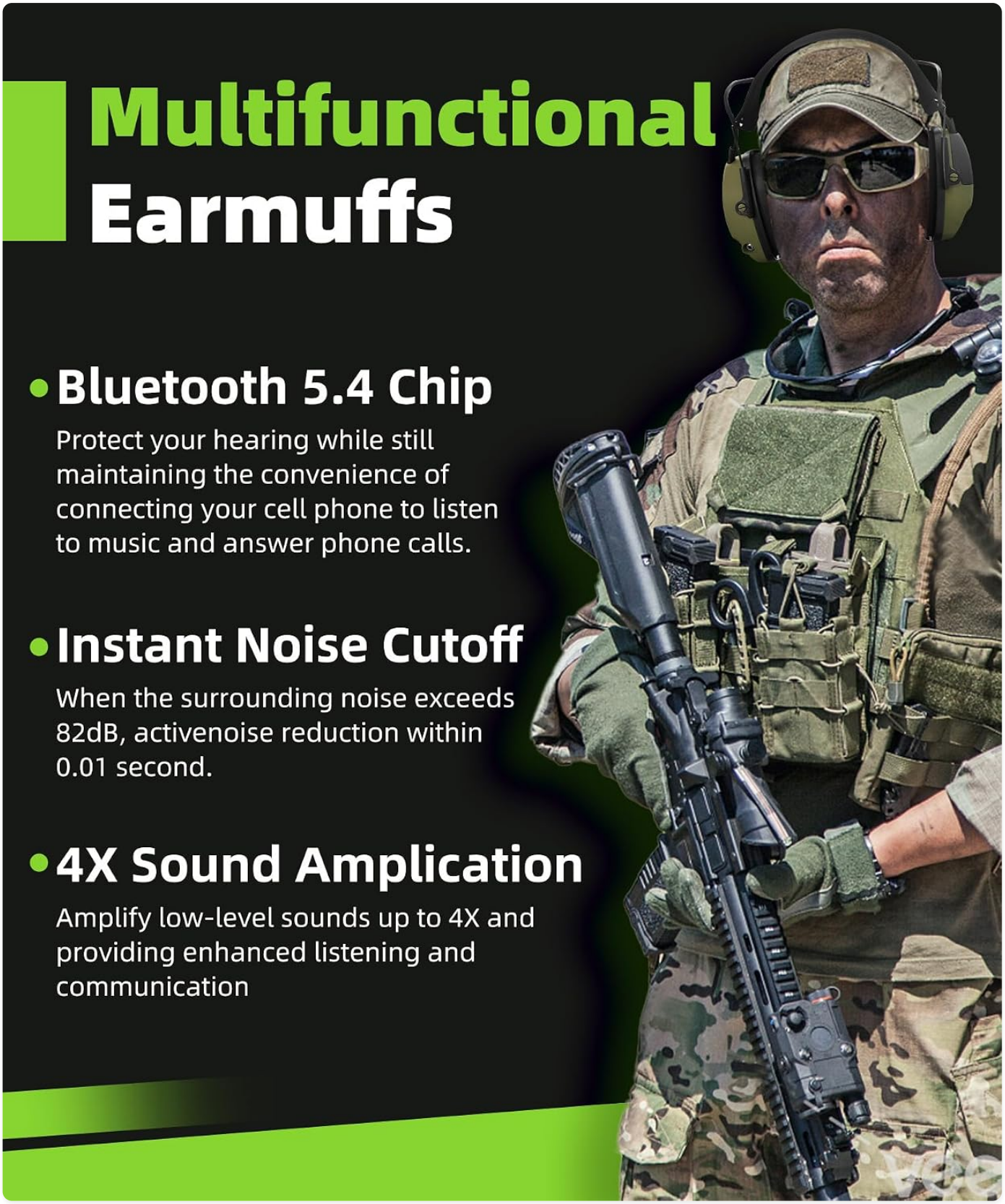


Figure 2: Multifunctional Features of ZOHAN EM035

Product Components

Familiarize yourself with the main components of your ZOHAN EM035 earmuffs for optimal use.



Figure 3: Earmuff Details and Components

- **Padded Headband:** For comfortable wear over extended periods.
- **Adjustable Telescopic Rod:** Allows for a customized fit for various head sizes.
- **2 Omnidirectional Microphones:** Capture ambient sounds for amplification and situational awareness.
- **Bluetooth Indicator Light:** Shows Bluetooth status (pairing, connected).
- **Battery Lid:** Access point for AAA battery installation.
- **Audio Input Jack:** For wired connection to audio devices.

Setup

Battery Installation

The ZOHAN EM035 earmuffs require 2 AAA batteries (not included) for operation.

1. Locate the battery compartment on one of the earcups.
2. Gently slide the battery lid upwards to open.
3. Insert 2 AAA batteries, ensuring correct polarity (+/-).
4. Close the battery lid securely.



Figure 4: AAA Battery Installation

Operating Instructions

Power On/Off and Sound Amplification

To enable the earmuffs' sound amplification feature, turn the large knob on the right earcup. Slide it up to power on and adjust the external sound level. Slide it down to power off.

Bluetooth Pairing

The ZOHAN EM035 features Bluetooth 5.4 for wireless connectivity.

1. With the earmuffs powered on, long press the Bluetooth button (small button above the large knob) for 3 seconds to enter pairing mode. The blue light will flash.
2. On your device (smartphone, tablet, etc.), open Bluetooth settings.
3. Select "EM035" from the list of available devices.
4. Once paired, the blue light will stop flashing and remain solid.
5. To turn off Bluetooth pairing, press and hold the Bluetooth button for 3 seconds.

Volume Control

The large knob controls the external sound amplification volume. The smaller knob controls the Bluetooth/audio volume.

Call Handling (via Bluetooth)

- **To answer an incoming call:** Short press the Bluetooth button.
- **To reject a call:** Long press the Bluetooth button.
- **To end a call:** Short press the Bluetooth button.
- **To answer a second call:** Quick double press the Bluetooth button.

Music Playback (via Bluetooth)

- **To pause or play music:** Short press the Bluetooth button.
- **To play next music:** Quick double press the Bluetooth button.
- **To play previous music:** Quick triple press the Bluetooth button.



Figure 5: Control Knobs and Functions

Wired Connection

Use the provided 3.5mm audio cable to connect the earmuffs directly to an audio source via the audio input jack.

Maintenance

Cleaning

Wipe the earmuffs with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

Storage

Store the earmuffs in a cool, dry place away from direct sunlight. The foldable design allows for compact storage when not in use.



Figure 6: Foldable Design for Easy Storage

Troubleshooting

Problem	Solution
No Power	Ensure AAA batteries are correctly installed and not depleted. Replace if necessary.
No Sound Amplification	Check if the large volume knob is turned on and adjusted.
Bluetooth Connection Issues	Ensure earmuffs are in pairing mode (flashing blue light). Check your device's Bluetooth settings and ensure "EM035" is selected. Try restarting both the earmuffs and your device. Ensure the earmuffs are within the effective Bluetooth range.
Audio Quality Issues (Bluetooth)	Ensure there are no obstructions between the earmuffs and your device. Reduce distance to the paired device. Check for interference from other wireless devices.

Specifications

Feature	Detail
Brand	ZOHAN
Model	EM035
Noise Reduction Rating (NRR)	22dB
Bluetooth Version	5.4
Active Noise Reduction Reaction Time	0.01 seconds (when noise exceeds 82dB)

Feature	Detail
Sound Amplification	Up to 4X
Microphones	2 Omnidirectional
Power Source	2 x AAA Batteries (not included)
Certifications	ANSI S3.19-1974, CE EN 352-1
Fabric Type	Synthetic
Origin	Imported
Date First Available	April 26, 2023

Official Product Videos

ZOHAN EM035 Bluetooth Range Ear Protection Unboxing

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This video provides an unboxing experience of the ZOHAN EM035 earmuffs, showcasing the product and its included accessories.

MUST WATCH BEFORE BUYING Zohan 035 Shooting Ear Protection

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A detailed review highlighting key aspects and considerations before purchasing the ZOHAN 035 earmuffs.

Great for the Shooting Range, Concerts, Mowing Lawns etc.

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This video demonstrates the versatility of the earmuffs for various noisy environments, including shooting ranges, concerts, and lawn mowing.

Bluetooth Shooting Ear Protection

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A video focusing on the Bluetooth capabilities of the ZOHAN shooting ear protection.

Warranty and Support

The ZOHAN EM035 earmuffs come with a Three Year Warranty.

For customer service and support, please contact ZOHAN directly via email: support@zohantech.com.

FCC ID: 2AYWU-EM030