ZOHAN EP05

ZOHAN EP05 Electronic Shooting Earbuds User Manual

Introduction

The ZOHAN EP05 Electronic Shooting Earbuds are designed to provide advanced hearing protection and situational awareness for shooting, hunting, and other high-noise environments. Featuring 30dB DSP noise cancelling, 6X sound amplification, and Bluetooth 5.4 connectivity, these low-profile earbuds offer comfort and versatility. This manual will guide you through the proper setup, operation, and maintenance of your EP05 earbuds.



ZOHAN EP05 Electronic Shooting Earbuds in their charging case.

Setup

Unboxing and Components

Before using your ZOHAN EP05 earbuds, ensure all components are present in the package:

- EP05 Electronic Shooting Earbuds x 1 pair
- Charging Case x 1
- USB-C Charging Cable x 1
- Liquid Silicone + Memory Foam Ear Tips x 3 pairs (S, M, L)
- Silicone Earbud Covers x 1 pair
- Removable Lanyard x 1
- Earbud Storage Case x 1
- User Manual x 1



Complete ZOHAN EP05 package contents.

Charging the Earbuds

Before first use, fully charge the earbuds and charging case. Connect the USB-C cable to the charging case and a power source. The indicator lights on the case will show charging status. A full charge provides up to 7 hours of active hearing enhancement, or 5 hours with Bluetooth enabled. The rugged USB-C charging case provides 3 extra charges, totaling approximately 24 hours of use.

Ear Tip Selection and Insertion

Proper ear tip selection and insertion are crucial for optimal noise reduction and comfort.

1. **Choose the right size:** The product comes with multiple ear tip options (liquid silicone + memory foam, and high-resilience memory foam). Select the size (S, M, L) that best fits your ear canal for a secure and comfortable seal.
2. **Insertion method:** Gently insert the earplug vertically into the ear canal. The liquid silicone memory foam will automatically adapt to the shape of your ear canal, ensuring a secure fit.
3. **Check the fit:** Gently pull on the earplugs to ensure they do not come off easily. A proper seal is essential for effective noise reduction.



Diagram showing the ergonomic design of ZOHAN EP05 earbuds with liquid silicone and memory foam ear tips.

Bluetooth Pairing

To connect your EP05 earbuds to a Bluetooth device:

1. Ensure the earbuds are charged and powered on.
2. Open the Bluetooth settings on your smartphone or other device.
3. Select "ZOHAN EP05" from the list of available devices.
4. Once connected, you will hear an audio confirmation.

Operation

Power On/Off

Refer to the specific controls on your earbuds for power on/off functionality. Typically, holding a button for a few seconds will power them on or off. Placing them back in the charging case will also power them off and begin charging.

Digital Signal Processing (DSP) Noise Reduction

The EP05 earbuds feature advanced DSP digital compression that instantly suppresses harmful gunshot noises. They provide a Noise Reduction Rating (NRR) of 26dB and a Single Number Rating (SNR) of 30dB. This means sounds exceeding a safe level (e.g., 82dB) are suppressed within 0.01 seconds, protecting your hearing.



Diagram illustrating Digital Signal Processing (DSP) in ZOHAN EP05 earbuds, showing ultra-fast suppression of loud noises.

Ambient Sound Amplification

While suppressing loud noises, the EP05 earbuds also amplify ambient sounds up to 6X. This feature allows you to hear important range commands, footsteps, and environmental sounds, maintaining full situational awareness without compromising hearing protection.



Image depicting a user hearing amplified ambient sounds like footsteps and wildlife with ZOHAN EP05 earbuds.

Bluetooth Audio and Calls

With Bluetooth 5.4 connectivity, you can stream music or take calls during downtime. The stable and ultra-fast connection allows seamless switching between tactical awareness and entertainment. Refer to your device's instructions for controlling media playback and calls through the earbuds.

Low-Profile Design Benefits

The true low-profile design of the EP05 earbuds ensures they fit seamlessly under hats, helmets, and safety goggles without breaking the seal or interfering with cheek weld for rifles and shotguns. This design eliminates the bulkiness often associated with traditional earmuffs.



Comparison image showing a user struggling with bulky earmuffs versus comfortable ZOHAN EP05 low-profile earbuds.

Maintenance

Cleaning

Regular cleaning helps maintain performance and hygiene:

- Wipe the earphone case and earbuds with a dry, soft cloth.
- Remove ear tips periodically and clean them with a mild soap solution and water. Ensure they are completely dry before reattaching.
- Do not use harsh chemicals or abrasive materials for cleaning.

Storage

When not in use, store the earbuds in their charging case to protect them from dust and damage, and to keep them charged for next use. Store in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

- **No Power:** Ensure earbuds and charging case are fully charged. Check USB-C cable connection.
- **No Sound/Low Sound:** Verify ear tip fit. Adjust volume on both the earbuds and your connected device. Ensure earbuds are powered on and not in passive mode.
- **Bluetooth Pairing Issues:** Ensure earbuds are in pairing mode. Turn off and on Bluetooth on your device. Forget the device in your Bluetooth settings and attempt to re-pair. Ensure earbuds are within range of your device.
- **Intermittent Sound/Connection:** Move closer to your Bluetooth device. Avoid obstacles that may interfere with the signal.
- **Poor Noise Reduction:** Re-evaluate ear tip size and insertion for a proper seal. Ensure earbuds are powered on for active noise reduction. Remember that passive noise reduction (NRR 26dB) is always active, even when powered off.

Specifications

Feature	Specification
Model Name	EP05
Noise Reduction Rating (NRR)	26 Decibels
Single Number Rating (SNR)	30 Decibels
Ambient Sound Amplification	Up to 6X
Bluetooth Version	5.4
Battery Life (Active Enhancement)	Up to 7 hours
Battery Life (with Bluetooth)	Up to 5 hours
Charging Case Extra Charges	3 (approx. 24 hours total)
Charging Port	USB-C
Water Resistance	IPX4
Material Type	Ultra-soft Ergonomically Ear Tips, ABS Shell
Recommended Uses	Hearing Protection, Shooting, Hunting, Training



Infographic detailing ZOHAN EP05 specifications.

Warranty and Support

ZOHAN products are designed for reliability and performance. For warranty information, product support, or technical assistance, please refer to the official ZOHAN website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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

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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