

## EARMOR M32 PLUS

# EARMOR M32 PLUS Tactical Headset User Manual

Model: M32 PLUS | Brand: EARMOR

## INTRODUCTION

The EARMOR M32 PLUS Tactical Headset is an advanced ear protection and communication device designed for demanding environments such as shooting ranges, hunting, and military simulations. This headset offers superior noise cancellation, crystal-clear communication, and enhanced situational awareness, ensuring both safety and operational effectiveness. This manual provides detailed instructions for the proper setup, operation, and maintenance of your M32 PLUS headset.

## PRODUCT FEATURES

- **2024 Upgraded Model:** Enhanced technology for superior noise cancellation and audio clarity.
- **Advanced Noise Reduction:** NRR 22 dB, suppresses harmful noises above 82 dB.
- **Crystal Clear Communications:** Multiple speakers and dynamic voice tracking for unparalleled sound clarity.
- **Durable & Versatile:** IPX-5 waterproof rating, suitable for shooting, hunting, and military games.
- **Military Connection Capabilities:** Compatible with EARMOR PTTs (sold separately).
- **Comfortable Design:** Features comfortable ear cushions and silicone gel pads.
- **Adjustable Volume:** 5 volume levels for environmental sound amplification.

## SETUP

### 1. Battery Installation

The M32 PLUS headset requires two AA batteries for operation. To install the batteries:

1. Gently open the battery compartment cover located on each earcup.
2. Insert one AA battery into each compartment, ensuring correct polarity (+/-).
3. Close the battery compartment covers securely until they click into place.



Image: EARMOR M32 PLUS Headset. The battery compartments are located on the side of each earcup, typically covered by a twist-off cap or a small door.

## 2. Microphone Attachment

The headset comes with a detachable boom microphone. To attach it:

1. Locate the microphone port on the left earcup.
2. Align the microphone connector with the port and gently push it in until it is firmly seated.
3. Adjust the boom arm to position the microphone comfortably near your mouth for optimal voice pickup.

# MAXIMIZE communication

## Dynamic **Voice Tracking** Technology

Adjustable sound precision for enhanced vocal clarity.

## Unparalleled sound **Clarity**

Crystal-clear audio amplification.

## **Seamless** conversations in any area

Effortless communication in all environments.

Image: EARMOR M32 PLUS Headset with the detachable microphone clearly visible and attached to the earcup.

### 3. Connecting to Push-to-Talk (PTT) Unit

The M32 PLUS headset is designed for use with military-standard PTT units. It features a standard plug for connection.

**Important:** This device includes Military Connection capabilities. Military Connector is not suitable for Element or Z-Tactical PTTs. Please use EARMOR PTTs for proper functionality.

1. Connect the headset's communication cable to the appropriate port on your EARMOR PTT unit.
2. Ensure the connection is secure to prevent signal loss during use.



# FEEL SUPERIOR performance

Compatible with Military Connections

Use Earmor push-to-talk adapter (PTT)  
(sold separately)



Image: EARMOR M32 PLUS Headset demonstrating its compatibility with military connections, highlighting the need for an EARMOR PTT unit.



Image: Diagram illustrating the difference between military (NATO-US wiring) and civilian wiring for PTT units, emphasizing that EARMOR headsets require military wiring.

## 4. Headband Adjustment

Adjust the headband to ensure a snug yet comfortable fit. The headset should cover your ears completely to provide effective noise protection and sound amplification.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

To power on the headset, press and hold the power button located on the earcup until you hear an audible confirmation. To power off, repeat the process.

### 2. Volume Control

The M32 PLUS features 5 volume levels for ambient sound amplification. Use the volume up (+) and volume down (-) buttons on the earcup to adjust the listening level to your preference. This allows you to hear important environmental sounds while maintaining hearing protection.



Image: EARMOR M32 PLUS Headset showcasing features like dynamic voice tracking, EMPI-PFI shielding, NRR 22 dB, detachable mic,



and 5 volume levels.

### 3. Noise Suppression

The headset automatically suppresses harmful noises above 82 dB, providing a Noise Reduction Rating (NRR) of 22 dB. This feature ensures your ears are protected from loud impulses such as gunshots or explosions, while still allowing you to hear lower-level sounds.



Image: A person wearing the EARMOR M32 PLUS Headset, illustrating its ability to suppress harmful noises and provide safe hearing in loud environments.



# MAXIMUM hearing protection

Image: A graphic detailing the NRR of up to 22 dB and how the headset suppresses noise exceeding 82 dB, enhances environmental awareness, and helps focus.

## 4. Communication

Utilize the attached microphone and connected PTT unit for seamless communication. The dynamic voice tracking technology ensures crystal-clear audio amplification and vocal clarity, even in noisy surroundings.



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Image: EARMOR M32 PLUS Headset highlighting features for maximizing communication, including dynamic voice tracking technology and unparalleled sound clarity.

## 5. Usage Scenarios

The EARMOR M32 PLUS Tactical Headset is built to withstand rigorous use and is your perfect companion for various activities requiring hearing protection and communication:

- **Shooting Practice:** Protects hearing from firearm noise while allowing range commands to be heard.
- **Hunting:** Amplifies subtle environmental sounds for improved awareness while suppressing gunshots.
- **Military Games/Airsoft:** Facilitates clear team communication and protects against loud simulated gunfire.
- **Outdoor Activities:** Provides hearing protection in other loud outdoor environments.



# PROTECT YOUR hearing



Hunting



Military



Outdoor  
Activities



Shooting

Image: EARMOR M32 PLUS Headset depicted in various usage scenarios, including hunting, military operations, general outdoor activities, and shooting, emphasizing its versatility.

## MAINTENANCE

### 1. Cleaning

Regularly clean the earcups and headband with a soft, damp cloth. For the silicone gel pads, a mild soap solution can be used. Ensure the headset is completely dry before storage or next use. Do not submerge the headset in water, despite its IPX-5 rating, to protect internal electronics.

# BUILT TOUGH for comfort



Image: Exploded view of the EARMOR M32 PLUS earcup, showing comfortable ear cushions and silicone gel pads, which are key components for comfort and seal.

## 2. Battery Replacement

Replace batteries when the low battery indicator activates or when audio performance degrades. Always use fresh AA batteries.

## 3. Storage

Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. The headset features a foldable design for compact storage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No sound or low volume	Low batteries, incorrect volume setting, loose connection.	Replace batteries, adjust volume, ensure all cables are securely connected.
Microphone not working	Microphone not properly attached, PTT unit issue, PTT compatibility.	Ensure microphone is fully inserted, check PTT unit, verify PTT is EARMOR compatible (military wiring).
Intermittent communication	Loose PTT connection, radio interference.	Secure PTT connection, move away from sources of interference.
Headset does not power on	Dead or incorrectly installed batteries.	Check battery polarity, replace with fresh batteries.

## SPECIFICATIONS

- **Model Number:** M32 PLUS
- **Noise Reduction Rating (NRR):** 22 dB
- **Waterproof Rating:** IPX-5
- **Power Source:** 2 x AA Batteries (not included)
- **Product Dimensions:** 3.94 x 5.91 x 4.33 inches
- **Item Weight:** 1.08 Pounds
- **Country of Origin:** China
- **First Available Date:** December 1, 2023

## WARRANTY AND SUPPORT

For specific warranty information regarding your EARMOR M32 PLUS Tactical Headset, please refer to the documentation included with your purchase or visit the official EARMOR website. EARMOR also offers optional protection plans for extended coverage, which can be purchased separately.












For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact EARMOR customer service through their official website or the retailer from whom you purchased the product.

## OFFICIAL PRODUCT VIDEOS

No official seller videos were available for embedding for this product.





 	<p><a href="#">EARMOR M33 MilPro Headset User Manual: Tactical Communication &amp; Hearing Protection</a></p> <p>Comprehensive user manual for the EARMOR M33 MilPro Headset, detailing its features, operation, safety guidelines, installation, and specifications for tactical communication and hearing protection.</p>
 	<p><a href="#">EARMOR M300T Electronic Hearing Protector with Bluetooth 5.3 - User Manual &amp; Specifications</a></p> <p>Comprehensive user manual for the EARMOR M300T Electronic Hearing Protector. Learn about its features, safety guidelines, operation instructions for ambient listening and Bluetooth connectivity, battery replacement, specifications, approvals, FCC compliance, and warranty. Protect your hearing effectively with advanced noise-canceling technology.</p>
 	<p><a href="#">EARMOR C30 Bluetooth Hearing Protection Headset User Manual</a></p> <p>Comprehensive user manual for the EARMOR C30 Bluetooth Hearing Protection Headset, detailing features, operation, safety information, specifications, and warranty. Protects users from harmful noise in various industrial environments.</p>
 	<p><a href="#">EARMOR M20T Wireless BT5.3 Earbuds Hearing Protection User Manual</a></p> <p>User manual for EARMOR M20T Wireless BT5.3 Earbuds Hearing Protection, detailing safety information, features, specifications, operating instructions, installation, and warranty.</p>
 	<p><a href="#">EARMOR M20/M20T PRO Electronic Hearing Protection Earbuds User Manual</a></p> <p>Comprehensive user manual for EARMOR M20/M20T PRO electronic hearing protection earbuds, covering assembly, installation, operation, charging, troubleshooting, specifications, safety, and warranty information.</p>
	<p><a href="#">EARMOR M20T Electronic Hearing Protection Earbuds with Bluetooth   NRR 26</a></p> <p>EARMOR M20T are advanced electronic hearing protection earbuds featuring Bluetooth 5.3. They suppress hazardous noise above 82dB, improve situational awareness, and allow for clear communication and music playback in harsh environments. Ideal for industry, shooting sports, construction, and more. NRR 26 certified.</p>