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EARMOR M30

EARMOR M30 Electronic Hearing Protection Headset User Manual

Model: M30

1. INTRODUCTION

Thank you for choosing the EARMOR M30 Electronic Hearing Protection Headset. This manual provides essential information for the safe and effective use of your device. Please read it thoroughly before operation and retain it for future reference. The M30 headset is designed to protect your hearing from harmful noise while allowing you to hear important ambient sounds.

2. SAFETY INFORMATION

Always prioritize safety when using hearing protection. Failure to follow these instructions may result in hearing damage or other injuries.

- Ensure the headset is properly fitted to achieve the stated Noise Reduction Rating (NRR).
- Do not modify the headset. Unauthorized modifications may compromise its protective capabilities.
- Keep batteries out of reach of children.
- Remove batteries if the headset will not be used for an extended period to prevent leakage.
- The headset is not waterproof. Avoid exposure to excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- EARMOR M30 Electronic Hearing Protection Headset
- User Manual (this document)
- AAA Batteries (quantity may vary, typically 2)

4. SETUP

4.1 Battery Installation

1. Locate the battery compartments on each earcup.
2. Gently slide open the battery compartment covers.
3. Insert two AAA batteries into each compartment, ensuring correct polarity (+/-).
4. Close the battery compartment covers securely.



Figure 1: EARMOR M30 Headset showing the location of the battery compartments. Ensure correct battery orientation.

4.2 Adjusting the Headset

For optimal hearing protection and comfort, proper fit is crucial.

1. Extend the headband by pulling the earcups downwards until they fit comfortably over your ears.
2. Ensure the earcups fully enclose your ears, creating a tight seal against your head.
3. Adjust the headband so that it rests securely on the top of your head.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Press and hold the power button (usually located on one earcup) for approximately 3 seconds until you hear an audible confirmation tone.
- **To Power Off:** Press and hold the power button again for approximately 3 seconds until you hear a different audible confirmation tone.



Figure 2: Control panel on the EARMOR M30 earcup, highlighting the power and volume buttons.

5.2 Volume Control

The M30 headset features independent volume controls for ambient sound amplification.

- **Increase Volume:** Press the '+' button to increase the amplification level of ambient sounds.
- **Decrease Volume:** Press the '-' button to decrease the amplification level of ambient sounds.

5.3 Noise Reduction Functionality

The EARMOR M30 is an electronic hearing protector designed to reduce harmful impulse noises (e.g., gunshots) to a safe level while amplifying low-level sounds (e.g., conversation, range commands). This allows for situational awareness without compromising hearing safety.

The electronic circuitry instantly suppresses loud noises above a certain decibel threshold, protecting your hearing. When the noise subsides, the amplification returns to its set level.

6. MAINTENANCE

6.1 Cleaning

- Wipe the exterior of the headset with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no moisture enters the electronic components.
- Periodically inspect the ear cushions for wear and tear. Replace them if they become damaged to maintain proper seal and protection.

6.2 Storage

Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.

6.3 Battery Replacement

Replace batteries when the headset indicates low power (e.g., flashing light, audible low battery warning). Refer to Section 4.1 for battery installation instructions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Headset does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with fresh AAA batteries.
No sound or very low sound.	Volume too low; batteries low; earcup seal compromised.	Increase volume using the '+' button. Replace batteries. Adjust headset for a proper seal.
Distorted sound.	Low batteries; moisture in electronics.	Replace batteries. Ensure headset is dry.
Headset uncomfortable or loose.	Improper adjustment.	Adjust headband and earcups for a snug, comfortable fit as described in Section 4.2.

8. SPECIFICATIONS

Feature	Detail
Model	M30
Noise Reduction Rating (NRR)	24 dB
Single Number Rating (SNR)	24 Decibels
Noise Control	Sound Isolation
Power Source	AAA Batteries (typically 2 per earcup)
Material Type	Polymer
Fit Type	Standard
Color	Brown

9. PRODUCT VIDEOS

No official product videos from the seller were found in the provided data for embedding in this manual.

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product packaging or visit the official EARMOR website. For technical support or further assistance, please contact EARMOR customer service through their official channels.