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PROHEAR 066

PROHEAR Electronic Hearing Protection Earmuffs Model 066 User Manual

Thank you for choosing PROHEAR. This manual provides instructions for the safe and effective use of your electronic hearing protection earmuffs.

PRODUCT OVERVIEW

The PROHEAR Model 066 Electronic Hearing Protection Earmuffs are designed to safeguard your hearing in noisy environments while enhancing situational awareness. Featuring SMART technology, these earmuffs suppress harmful impulse noises and amplify low-level sounds for improved communication. They are suitable for various activities including shooting, hunting, woodworking, and other loud environments.



Image: Two PROHEAR electronic hearing protection earmuffs, one in black and one in camouflage pattern, shown side-by-side. Both feature American flag patches on the headband.

SAFETY INFORMATION

- Always wear hearing protection in noisy environments to prevent hearing damage.
- Ensure earmuffs fit snugly over your ears to achieve the stated Noise Reduction Rating (NRR). An improper fit can reduce effectiveness.
- Do not modify the earmuffs. Unauthorized modifications may compromise protection and void the warranty.
- Keep batteries out of reach of children. Ingesting batteries can be hazardous.
- Remove batteries if the device will not be used for an extended period to prevent leakage and damage.

PACKAGE CONTENTS

WHAT'S IN THE BOX.

- Electronic Hearing Protector*1
- 3.5mm Cable *1
- Tactical Wildlife Antlers Patch*1
- Hook backing for patches*2
- User Manual*1
- Carrying Pouch*1
- Patriot Patch*2
- Punisher patch*1

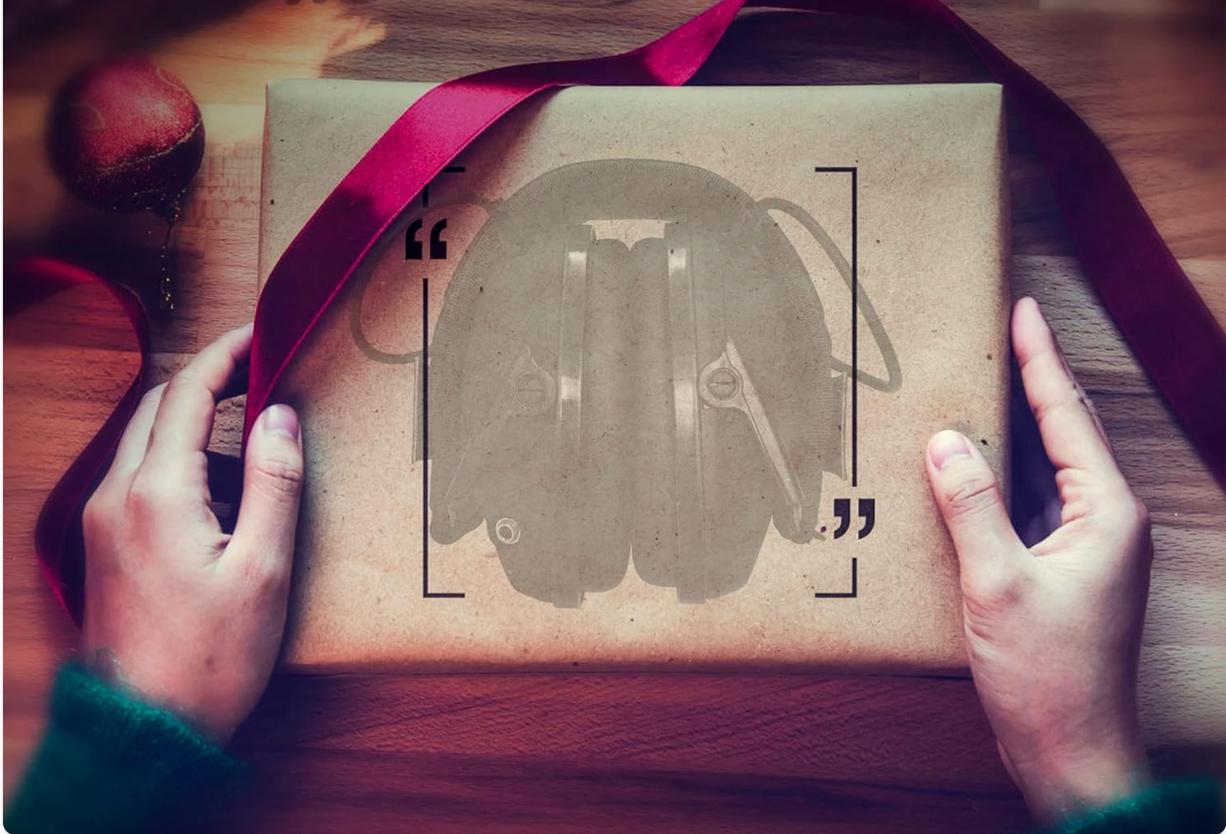


Image: An illustration showing the various items included in the product package, such as the earmuffs, cables, patches, and user manual.

- PROHEAR 066 Electronic Hearing Protector (1)
- User Manual (1)
- 3.5mm Audio Cable (1)
- Carrying Pouch (1)
- Patriot Patches (2)
- Tactical Wildlife Antlers Patch (1)
- Punisher Patch (1)
- Hook Backings for Patches (2)

SETUP

1. Battery Installation

1. Locate the battery compartment on one of the ear cups.
2. Open the battery compartment cover.

3. Insert two (2) AAA batteries (not included) according to the polarity markings (+/-) inside the compartment.
4. Close the battery compartment cover securely.

2. Adjusting for a Secure Fit



Image: An infographic illustrating the features for a comfortable and secure fit, including the adjustable headband, rubberized pressure points, and slim ear cups.

1. Extend the headband by pulling the ear cups downwards.
2. Place the earmuffs over your ears, ensuring the ear cups fully cover them.
3. Adjust the headband by sliding the ear cups up or down until a snug and comfortable seal is achieved around your ears. The padded headband is telescopic for various head sizes.
4. Ensure the slim, low-profile ear cups do not interfere with shooting posture or other activities.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

The PROHEAR 066 features a single knob for both power and volume control, designed for easy operation even with gloves.

- **To power on:** Rotate the knob clockwise until you hear a click.
- **To adjust volume:** Continue rotating the knob clockwise to increase volume, or counter-clockwise to decrease volume.
- **To power off:** Rotate the knob counter-clockwise until you hear a click.

2. Sound Amplification and Noise Reduction

UP TO 4X AMPLIFICATION TO ENHANCED COMMUNICATION.

🔊 Allows adjusting the sound volume as you preferred

🛡️ Automatically reduce noise above 82dB



Image: A person wearing PROHEAR earmuffs and safety glasses, aiming a handgun at a shooting range. Text highlights the rapid noise suppression feature.

The earmuffs utilize SMART technology for optimal hearing protection and situational awareness:

- **Sound Amplification:** Low-level sounds are amplified up to 4 times their natural volume, allowing for clear communication and improved awareness of your surroundings.
- **Noise Reduction:** Harmful impulse noises, such as gunshots, are suppressed in under 0.01 seconds. The earmuffs provide a Noise Reduction Rating (NRR) of 23dB, meeting ANSI S3.19 standards.



Image: Several individuals in camouflage gear, possibly hunters, in a field. Text indicates up to 4x amplification for enhanced communication and automatic noise reduction above 82dB.

3. Using the 3.5mm Audio Input

The 3.5mm audio input allows you to connect external audio devices (e.g., MP3 players, radios) to the earmuffs. Simply plug one end of the included 3.5mm audio cable into the earmuffs' audio jack and the other end into your external device. Adjust the volume using the earmuffs' control knob and your external device's volume control.

MAINTENANCE

1. Cleaning

- Wipe the ear cups and headband with a damp cloth. Do not immerse the earmuffs in water.
- Avoid using abrasive cleaners or solvents, as these can damage the materials.

2. Storage

- When not in use, fold the earmuffs into their compact size and store them in the provided carrying pouch.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

- Remove batteries if storing for an extended period to prevent potential leakage and corrosion.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------|--|---|
| No power | Dead or incorrectly installed batteries | Replace batteries with new AAA batteries, ensuring correct polarity (+/-). |
| Low or distorted sound | Low batteries, improper fit, or volume too low | Replace batteries, adjust earmuffs for a snug fit, increase volume using the control knob. |
| External audio not working | Cable not connected properly, external device volume too low | Ensure 3.5mm cable is fully inserted into both the earmuffs and the external device. Check volume on the external device. |

SPECIFICATIONS

- **Model:** PROHEAR 066
- **Noise Reduction Rating (NRR):** 23dB
- **Sound Amplification:** Up to 4X
- **Noise Suppression Reaction Time:** < 0.01 seconds
- **Power Source:** 2 x AAA Batteries (not included)
- **Battery Life:** Approximately 300 hours
- **Water Resistance:** IPX4 rated
- **Weight:** Approximately 0.6 pounds (272g)
- **Standards:** Meets ANSI S3.19

WARRANTY AND SUPPORT

PROHEAR offers a 36-month worry-free warranty for this product, covering manufacturing defects and malfunctions under normal use. Additionally, a 50-day no-risk money-back guarantee is provided, allowing you to return the product if you are not completely satisfied.

For any questions, concerns, or support needs, please contact PROHEAR customer service. Contact details can typically be found on the PROHEAR official website or through your purchase platform. Please have your model number (066) and purchase information ready when contacting support.