

PROHEAR 016

PROHEAR 016 Passive Hearing Protection Earmuffs User Manual

Model: 016

1. SAFETY INFORMATION

Your PROHEAR 016 passive hearing protection earmuffs are designed to reduce exposure to hazardous noise levels. Proper use and maintenance are crucial for effective protection.

1.1 Important Safety Guidelines

- Always ensure the earmuffs fit snugly over your ears to achieve the stated Noise Reduction Rating (NRR).
- Inspect earmuffs regularly for damage, especially to ear cushions and headband. Replace damaged parts immediately.
- Clean earmuffs as instructed in the Maintenance section.
- Do not modify the earmuffs. Any alterations may compromise their protective capabilities.
- These earmuffs are certified to ANSI S3.19-1974 (American National Standards Institute) and CE EN 352-1 (European standard).

1.2 Recommended Applications

The PROHEAR 016 earmuffs are suitable for environments with high noise levels, including but not limited to:

- Shooting ranges and hunting activities
- Mowing and gardening with power tools
- Woodworking and machining operations
- Aviation environments
- Concerts and other loud events
- Any other environment where noise exposure exceeds safe limits.

Reduce more harmful noise around you.



✓ ✓ CE EN 352-1
✓ ANSI S3.19-1974

Image: This diagram illustrates the Noise Reduction Rating (NRR) of 26dB and various applications where the earmuffs provide effective hearing protection, such as shooting, mowing, and concerts.



**American National
Standards Institute
S3.19-1974**



**CONFORMITE EUROPEENNE
STANDARD EN 352-1**

Image: The ANSI S3.19-1974 and CE EN 352-1 logos indicate that these earmuffs meet recognized safety standards for hearing protection.

2. PRODUCT OVERVIEW

The PROHEAR 016 earmuffs are designed for comfort and effective noise reduction in various loud environments. They feature a slim, lightweight, and foldable design for portability and ease of use.

2.1 Key Features


- **Noise Reduction Rating (NRR):** 26dB, providing significant protection against harmful noise.
- **Low-Profile Earcups:** Designed with cut-outs to prevent interference when aiming firearms, making them ideal for shooters and hunters.
- **Durable Construction:** Features sound-dampening composite housing and foam.
- **Comfortable Fit:** Equipped with wide ear cups, ultra-soft cushioned ear pads, and a thick padded headband for extended wear without pressure.
- **Rubberized Coating:** Provides a soft-touch feeling and enhanced durability.
- **Adjustable Headband:** Accommodates various head shapes and sizes.
- **Compact & Foldable:** Allows for easy storage and transport with an included carrying bag.
- **Snap-in Design:** Facilitates easy maintenance and replacement of ear pads.



Image: A visual representation of the PROHEAR 016 passive hearing protection earmuffs in both pink and olive green colors.

LIGHTWEIGHT & COMPACT DESIGN

SLIM

 Delivers the slimmest profile available for better use.



 Smaller footprint for storage or travel.

CONVENIENT

Image: This image demonstrates the lightweight and compact design of the earmuffs, highlighting their ability to fold for easy storage and portability.



ALL-DAY COMFORT

(Exclusively designed for durability while maintaining the comfort needed for longterm use)



Soft Padded Headband
with Metal Wireframe



Snap-in design allows
for easy maintenance
and replacement



Rubberized Coating
Craft for Supreme
Soft-touch Feeling



Ultra-soft Foam Ear Pads +
Skin-friendly Leather



Image: This diagram details the comfort-enhancing features such as the soft padded headband, rubberized coating for a soft-touch feel, ultra-soft foam ear pads, and the snap-in design for easy maintenance.

3. SETUP

Follow these steps to properly set up and wear your PROHEAR 016 earmuffs for optimal hearing protection.

3.1 Adjusting the Headband

1. Grasp the earmuffs by the headband.
2. Extend the earcups by pulling them downwards from the headband.
3. Place the earmuffs over your ears, ensuring the headband rests comfortably over the top of your head.
4. Adjust the height of the earcups by sliding them up or down the headband until they fully enclose your ears and create a tight seal around them. The headband is designed to fit various head sizes and shapes.
5. The earcups can rotate 360 degrees to conform to your head shape for a secure and comfortable fit.

NOISE REDUCTION

26dB NRR



CE EN352-1



ANSI S3.19-1974



Image: This diagram illustrates the adjustable nature of the earmuffs, showing how the earcups can rotate 360 degrees and be adjusted vertically to ensure a personalized and secure fit.

4. OPERATING INSTRUCTIONS

Once properly fitted, your PROHEAR 016 earmuffs are ready for use in noisy environments.

4.1 General Use

- Wear the earmuffs continuously throughout your exposure to noise. Even brief removal can significantly reduce the overall protection.
- Ensure no hair, clothing, or other objects interfere with the seal between the ear cushions and your head.

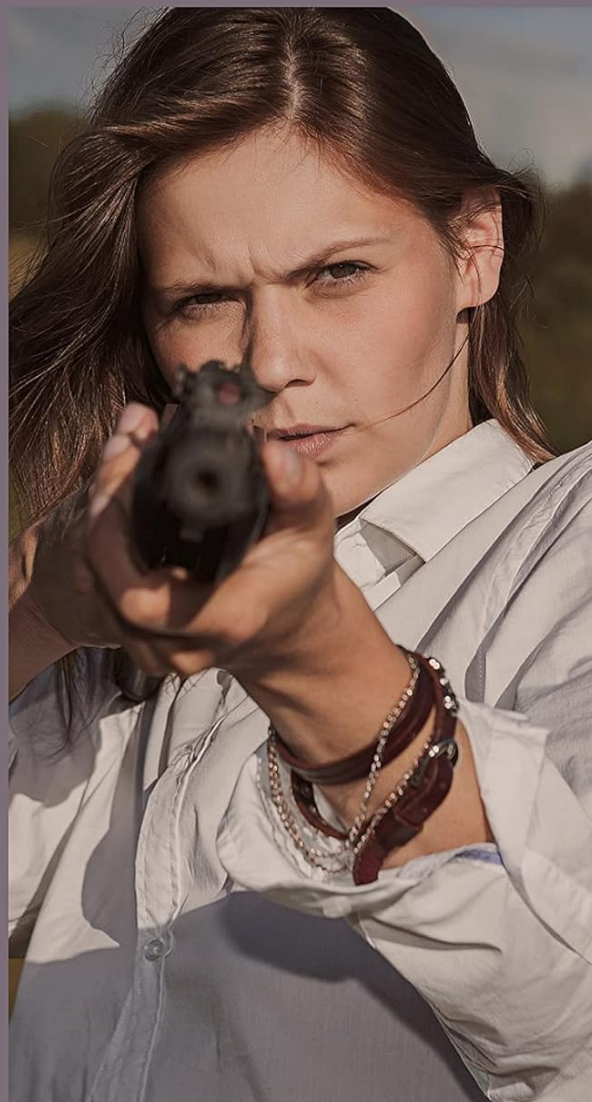
4.2 Specific Use for Shooting and Hunting

The low-profile earcups with cut-outs are specifically designed to avoid interference with firearm stocks when aiming, providing unhindered movement while maintaining hearing protection.



LOW-PROFILE EARCUPS WITH CUT-OUTS

so it won't interfere
with when aiming.



Ideal for shooters and hunters

Image: A woman demonstrates the use of pink PROHEAR earmuffs while aiming a firearm, showcasing the low-profile design that prevents interference.



**NRR
26dB**

Effective Noise
Reduction Effect

PROTECT YOUR HEARING
WHILE USING
POWER TOOLS

Image: A man demonstrates the use of olive green PROHEAR earmuffs while aiming a firearm, highlighting the practical design for shooting activities.



LOW-PROFILE EARCUPS WITH CUT-OUTS

so it won't interfere
with when aiming.

Ideal for shooters and hunters



Image: This image shows a man wearing green PROHEAR earmuffs while using a chainsaw, illustrating their effectiveness in protecting hearing during power tool operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your PROHEAR 016 earmuffs.

5.1 Cleaning

- Wipe the exterior of the earmuffs with a damp cloth and mild soap.
- Do not immerse the earmuffs in water or use harsh chemical cleaners, as this can damage the materials and compromise noise reduction.
- Allow to air dry completely before storage.

5.2 Storage

- Fold the earmuffs into their compact position.
- Store them in the provided carrying bag to protect them from dust and damage.
- Keep in a cool, dry place away from direct sunlight and extreme temperatures.



Image: This image displays the compact, folded earmuffs alongside their carrying bag, emphasizing portability and ease of storage. It also indicates the lightweight nature of the product at 0.46 lbs.

5.3 Ear Pad Replacement

The ear pads feature a snap-in design for easy removal and replacement. This ensures continued hygiene and optimal acoustic seal over time.

6. TROUBLESHOOTING

If you experience issues with your PROHEAR 016 earmuffs, refer to the following common problems and solutions.

6.1 Reduced Noise Reduction

- **Problem:** Noise levels seem higher than expected, or protection feels inadequate.
- **Solution 1:** Re-adjust the earmuffs to ensure a tight and complete seal around your ears. Make sure no hair, glasses, or other items are breaking the seal.
- **Solution 2:** Inspect the ear cushions for wear, tears, or hardening. Damaged ear cushions can compromise the acoustic seal. Replace them if necessary.
- **Solution 3:** Check the headband for damage or loss of tension. A loose headband may not provide enough pressure for an effective seal.

6.2 Discomfort During Use

- **Problem:** Earmuffs feel too tight or cause pressure points.
- **Solution 1:** Adjust the headband height. Sometimes a slightly different position can alleviate pressure.
- **Solution 2:** Ensure the earcups are properly rotated to conform to your head shape.
- **Solution 3:** Take short breaks from wearing the earmuffs if prolonged use causes discomfort.

7. SPECIFICATIONS

Feature	Specification
Model	016

Feature	Specification
Noise Reduction Rating (NRR)	26dB
Certifications	ANSI S3.19-1974, CE EN 352-1
Material	Rubber (earcups), Foam (ear pads), Composite (housing)
Weight	Approximately 0.46 lbs
Ear Cup Dimensions (Inner)	Approximately 2.6 in (height) x 1.65 in (width)
Ear Cup Dimensions (Outer)	Approximately 4 in (height) x 2.95 in (width)



Image: This diagram provides detailed measurements for the earmuff earcups, including inner and outer dimensions, to help users understand the fit.

8. WARRANTY AND SUPPORT

PROHEAR is committed to providing quality products and customer satisfaction.

8.1 Warranty Information

- Your PROHEAR 016 earmuffs come with a **90-DAY NO RISK MONEY BACK GUARANTEE**
- A **1 YEAR WARRANTY** covers manufacturing defects from the date of purchase.

8.2 Customer Support

For any questions, suggestions, or support needs regarding your PROHEAR 016 earmuffs, please contact our customer service team. We are available to assist you.

For further assistance, please visit the [PROHEAR Store on Amazon](#).

