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› PROHEAR EM-030 Electronic Shooting Earmuffs Instruction Manual

PROHEAR EM-030

PROHEAR EM-030 Electronic Shooting Earmuffs Instruction Manual

Model: EM-030 | Brand: PROHEAR

INTRODUCTION

The PROHEAR EM-030 Electronic Shooting Earmuffs are designed to provide superior hearing protection while enhancing situational awareness. Featuring Bluetooth 5.4 technology, these earmuffs offer a Noise Reduction Rating (NRR) of 22dB and a Single Number Rating (SNR) of 27dB. They are engineered to amplify low-level sounds for improved communication and environmental awareness, while actively suppressing harmful impulse noises above 82dB. This manual provides essential information for the proper setup, operation, and maintenance of your EM-030 earmuffs.

WHAT'S IN THE BOX

Upon opening your PROHEAR EM-030 package, please verify that all the following components are included:

- 1 x PROHEAR EM-030 Electronic Shooting Earmuffs
- 1 x Black Storage Bag
- 1 x Standard 3.5 mm Stereo Jack Connection Cable
- 1 x User Manual



Image: The package contents, including the PROHEAR EM-030 earmuffs, a black storage bag, a 3.5mm AUX cable, and the user manual.

KEY FEATURES

Advanced Hearing Protection

The EM-030 earmuffs provide robust hearing protection with an NRR of 22dB and SNR of 27dB. They are designed to protect your ears from loud noises, such as gunshots, while allowing you to hear important ambient sounds.

Amplification du Son

Microphones Omnidirectionnels Durables Intégrés
Captent et Amplifient les sons Légers jusqu'à **3X**



Réduction Active du Bruit

Amplifie les sons de faible intensité tout
en réduisant activement le bruit de plus de **82 dB**
0,01s Temps de réaction actif Compression du bruit



Image: A hunter wearing the earmuffs, demonstrating the active noise reduction feature that suppresses sounds above 82dB with a rapid 0.01s reaction time.

Sound Amplification

Integrated omnidirectional microphones amplify ambient sounds up to 3 times, allowing you to hear conversations, animal movements, and other important environmental cues clearly. This amplification is limited to sounds below 82dB to prevent hearing damage.

A photograph of a hunter in camouflage gear wearing the PROHEAR 030 earmuffs and holding a rifle. The image is overlaid with various text and icons.

CE **ANSI**

PROHEAR 030
Bluetooth Casque de Tir Anti Bruit

BT 5.4 Technologie Bluetooth 	SNR 27dB Taux de Réduction du Bruit 	3X Amplification du Son 	0.01s Temps de Réaction
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A photograph of the PROHEAR 030 earmuffs, which are black with a headband and a control panel on the side.

Image: A deer in its natural habitat, symbolizing the earmuffs' ability to amplify subtle ambient sounds for enhanced awareness.

Bluetooth 5.4 Connectivity

Equipped with the latest Bluetooth 5.4 technology, the EM-030 provides a stable and fast wireless connection with a range of up to 10 meters (33 feet). This allows for seamless streaming of audio from compatible devices and hands-free communication.

Réduction Efficace du Bruit pour la Protection de l'ouïe

Réduction efficace du bruit-SNR 27dB
Prévient la perte d'audition due aux bruits forts

Réglage ergonomique du volume
Ajustables pour
améliorer la communication

Confort de Longue Durée , Parfait pour



Image: A user wearing the earmuffs, demonstrating the Bluetooth mode with features like 33ft wireless range, integrated microphone, stable connection, music playback, and call functionality.

Comfort and Portability

The earmuffs are designed for extended wear, weighing only 294g (0.63 lbs). They feature ultra-soft padded ear cushions and a thick-padded headband for a pressure-free fit. The foldable design ensures easy storage and transport.

Principaux Structurels

La Réponse en Fréquence Adaptative réduit le bruit de fond pour la demande de protection auditive

SNR
27dB

Signal led BT
Bouton de synchro Bluetooth
Microphone



PU cuir/mousse

Tige télescopique
réglable

Interrupteur On/Off
Contrôle du volume

Entrée audio

Image: The earmuffs displayed in both their expanded and folded states, illustrating their slim profile and convenient portability.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on one of the earcups.
2. Gently pry open the cover.
3. Insert two (2) AAA batteries, ensuring correct polarity (+/-). Batteries are not included.
4. Close the battery compartment cover securely.



Image: Illustration of inserting two AAA batteries into the earmuff's battery compartment. Note that batteries are not supplied with the product.

2. Adjusting the Headband

Extend or retract the telescopic rods on both sides of the headband to achieve a comfortable and secure fit. The earmuffs should fit snugly around your ears without excessive pressure.

3. Fitting the Earmuffs

Place the earmuffs over your ears, ensuring that the ear cushions fully enclose your ears and create a seal against your head. Adjust the headband as needed to maintain this seal and maximize noise reduction effectiveness.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

Locate the On/Off/Volume control knob on the earcup. Rotate the knob clockwise to power on the earmuffs and increase the amplification volume. Rotate counter-clockwise to decrease volume and power off the device.

2. Bluetooth Pairing

1. Ensure the earmuffs are powered on.
2. Press and hold the Bluetooth sync button (refer to the structural diagram for location) until the LED indicator flashes, indicating pairing mode.
3. On your Bluetooth-enabled device (phone, tablet, laptop), search for available devices and select "PROHEAR EM-030" to connect.
4. The LED indicator will turn solid blue once successfully paired.



Image: Visual representation of the Bluetooth 5.4 technology, illustrating seamless connection with various devices such as smartphones, tablets, and laptops.

3. Audio Input (3.5mm AUX)

Connect an external audio source (e.g., MP3 player, two-way radio) to the 3.5mm AUX input jack on the earcup using the provided audio cable. The earmuffs will play audio from the connected device.

4. Call Functionality

When connected via Bluetooth to a smartphone, you can answer, reject, or redial calls directly from the earmuffs using the integrated controls. Refer to the structural diagram for button locations.



Image: A user enjoying music and managing calls hands-free while wearing the earmuffs, highlighting the convenience of Bluetooth connectivity.

MAINTENANCE

1. Cleaning

- Wipe the exterior of the earmuffs with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- For ear cushions, gently wipe with a mild soap solution and a damp cloth. Allow to air dry completely before use.

2. Storage

When not in use, fold the earmuffs into their compact form and store them in the provided storage bag to protect them from dust and damage. Store in a cool, dry place.



Image: The earmuffs folded, illustrating their compact design for convenient storage and transport.

3. Replacing Ear Cushions

The ear cushions are replaceable to ensure continued comfort and hygiene. To replace, gently peel off the old cushions and snap new ones into place. Replacement cushions can be purchased separately.



Image: A hand holding one of the earmuff's ear cushions, highlighting its soft material and indicating its replaceable design for maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Earmuffs do not turn on.	Dead or incorrectly installed batteries.	Replace with fresh AAA batteries, ensuring correct polarity.
No sound amplification.	Volume too low or earmuffs not powered on.	Rotate the volume knob clockwise to increase volume and ensure the device is on.
Bluetooth connection issues.	Earmuffs not in pairing mode, device too far, or interference.	Ensure earmuffs are in pairing mode (flashing LED). Move closer to the device. Disconnect from other Bluetooth devices.
Poor noise reduction / Noise leakage.	Improper fit or worn-out ear cushions.	Adjust the headband for a snug fit, ensuring ear cushions form a complete seal. Consider replacing ear cushions if they are worn or damaged.

SPECIFICATIONS

- **Model Number:** EM-030
- **Noise Reduction Rating (NRR):** 22 dB
- **Single Number Rating (SNR):** 27 dB
- **Bluetooth Version:** 5.4
- **Wireless Range:** Up to 10 meters (33 feet)
- **Weight:** Approximately 294g (0.63 lbs)
- **Power Source:** 2 x AAA batteries (not included)
- **Material:** Foam, Synthetic Leather
- **Included Components:** Earmuffs, Storage Bag, 3.5mm AUX Cable, User Manual

Image: A detailed view of the earmuffs, pointing out key structural components such as the Bluetooth LED, Bluetooth sync button,

microphone, On/Off/Volume control, adjustable telescopic rod, and audio input.

WARRANTY AND SUPPORT

PROHEAR is committed to customer satisfaction. While specific warranty details are not provided in this manual, for any questions, concerns, or support needs regarding your EM-030 Electronic Shooting Earmuffs, please contact our customer service department. Keep your purchase receipt for any warranty claims.

For further assistance, please visit the official PROHEAR website or contact the retailer where the product was purchased.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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