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PROHEAR 033, EM011

PROHEAR 033 2.0 Bluetooth Hearing Protection Headphones with FM/AM Radio & EM011 Slim Electronic Shooting Earmuffs User Manual

Comprehensive Guide for Safe and Effective Use

INTRODUCTION

This manual provides essential information for the safe and effective operation of your PROHEAR 033 2.0 Bluetooth Hearing Protection Headphones with FM/AM Radio and PROHEAR EM011 Slim Electronic Shooting Earmuffs. Please read these instructions thoroughly before using the devices to ensure proper function and to prevent potential hazards. Keep this manual for future reference.

PRODUCT OVERVIEW: PROHEAR 033 HEARING PROTECTION HEADPHONES

The PROHEAR 033 headphones are designed to provide hearing protection while allowing for audio entertainment and communication. They feature Bluetooth connectivity and an integrated FM/AM radio.

Key Features

- **Bluetooth 5.3:** For stable wireless audio streaming.
- **Integrated FM/AM Radio:** For listening to broadcasts.
- **Hearing Protection:** SNR 31dB (Single Number Rating) for effective noise reduction.
- **Long-Lasting Battery:** 2000mAh rechargeable battery providing up to 50 hours of operation.

Components

Refer to the image below for an overview of the PROHEAR 033 components.



Image 1: PROHEAR 033 Headphones with labels indicating the digital display, function buttons, audio jack, USB charging port, and padded headband.



Image 2: Visual representation of the PROHEAR 033's core functionalities: Bluetooth connectivity, AM/FM radio reception, and effective noise reduction.

PRODUCT OVERVIEW: PROHEAR EM011 SLIM ELECTRONIC SHOOTING EARMUFFS

The PROHEAR EM011 earmuffs are designed for hearing protection in noisy environments, particularly for shooting, with the added benefit of ambient sound amplification.

Key Features

- **Hearing Protection:** NRR 23dB (Noise Reduction Rating).
- **Ambient Sound Amplification:** Amplifies low-level sounds up to 4 times.

- **Dual Omnidirectional Microphones:** For clear sound pickup.
- **Fast Reaction Time:** 0.01 seconds to suppress loud noises.
- **Slim Profile:** Designed for comfort and compatibility with other gear.

Components

Refer to the image below for an overview of the PROHEAR EM011 components.



Image 3: PROHEAR EM011 Earmuffs highlighting the padded headband, ultra-soft earpads, omni-directional microphone, and power on/off volume control knob.

SETUP AND INITIAL USE

PROHEAR 033 Headphones

1. **Charging:** Connect the headphones to a USB power source using the provided charging cable. The charging indicator will show the charging status. A full charge takes approximately 6 hours and provides up to 50 hours of operation.

2. **Adjusting Fit:** Extend or retract the headband to ensure a snug and comfortable fit over your ears. The earcups should fully cover your ears to provide optimal hearing protection.

PROHEAR EM011 Earmuffs

1. **Battery Installation:** (If applicable, typically 2x AAA batteries, refer to product packaging for specifics). Open the battery compartment, insert batteries with correct polarity, and close the compartment securely.
2. **Adjusting Fit:** Extend or retract the headband to achieve a secure and comfortable fit. The slim profile is designed to fit various head sizes, including youth and women.

OPERATING INSTRUCTIONS

PROHEAR 033 Headphones

1. **Power On/Off:** Press and hold the power button until the display illuminates (or turns off).
2. **Volume Control:** Use the volume buttons to adjust the audio level.
3. **Bluetooth Pairing:**
 - Ensure the headphones are powered on.
 - Activate Bluetooth on your device (e.g., smartphone).
 - Select "PROHEAR 033" from the list of available devices. Pairing typically takes about 5 seconds.
 - The headphones support a stable connection up to 49 feet.
4. **FM/AM Radio Operation:**
 - Press the Mode button to switch to FM or AM radio mode.
 - Use the tuning buttons to scan for stations or manually adjust the frequency.
 - The digital display will show the current frequency.
5. **Noise Reduction:** The headphones provide an SNR of 31dB, effectively reducing harmful noise in various environments such as mowing, sawing, or construction sites.

PROHEAR EM011 Earmuffs

1. **Power On/Off and Volume:** Rotate the power/volume control knob to turn the earmuffs on and adjust the amplification level.
2. **Ambient Sound Amplification:** The dual omnidirectional microphones amplify ambient sounds up to 4 times, allowing you to hear conversations, range commands, and environmental cues clearly.
3. **Autoblocker Technology:** The earmuffs automatically compress sounds exceeding 85dB within 0.01 seconds, safeguarding your hearing from sudden loud noises like gunshots.

AUTOBLOCKER TECHNOLOGY COMPRESSES SOUNDS OVER 85dB

Safeguards you from sudden loud sounds

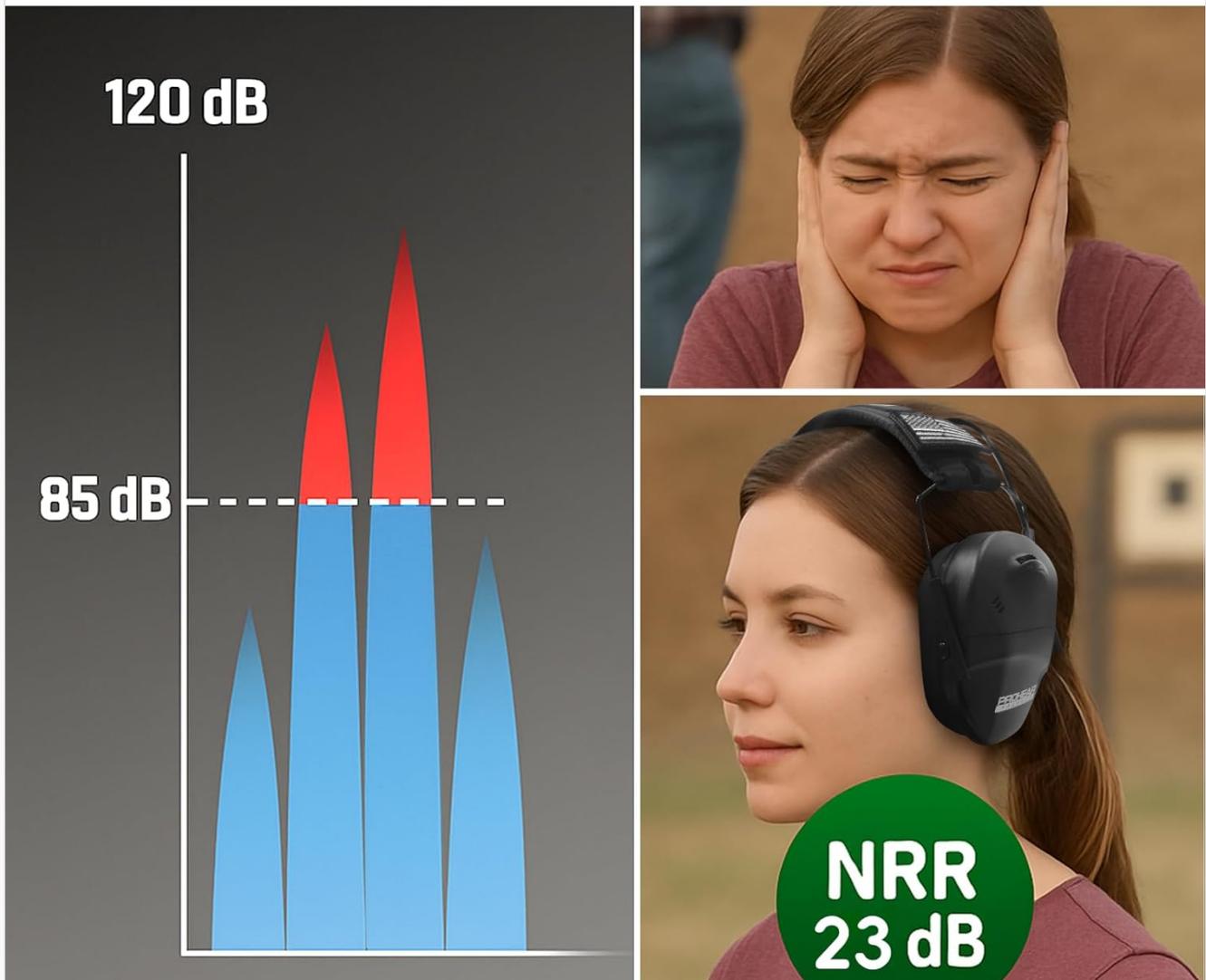


Image 4: Illustration of the Autoblocker technology, showing how sounds above 85dB are compressed, alongside an image of a user wearing the EM011 earmuffs at a shooting range.

MAINTENANCE

- **Cleaning:** Wipe the surfaces of both devices with a soft, damp cloth. Do not use abrasive cleaners or immerse the devices in water.
- **Earpad Replacement:** The PROHEAR EM011 features a "snap-in design" for easy earpad replacement. Refer to the product packaging or PROHEAR website for replacement earpads.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures. For the EM011, the foldable design allows for compact storage.
- **Battery Care (PROHEAR 033):** The integrated 2000mAh battery is designed for over 300 recharge cycles, providing approximately 5010 hours of total use. Charge regularly to maintain battery health.

TROUBLESHOOTING

PROHEAR 033 Headphones

- **No Power:** Ensure the battery is charged. Connect to a charger and try again.
- **No Sound/Low Volume:** Check the volume level on both the headphones and your connected device. Ensure the headphones are properly paired via Bluetooth or tuned to a radio station.
- **Bluetooth Disconnection:** Ensure your device is within the 49-foot range. Re-pair the headphones if necessary.
- **Poor Radio Reception:** Extend the antenna fully. Move to an area with better signal reception.

PROHEAR EM011 Earmuffs

- **No Power/No Amplification:** Check battery installation and ensure batteries are fresh. Rotate the power/volume knob to turn on.
- **Distorted Amplified Sound:** Adjust the volume knob. Ensure microphones are not obstructed. Replace batteries if sound remains distorted.

SPECIFICATIONS

PROHEAR 033 Headphones

- **Bluetooth Version:** 5.3
- **Bluetooth Range:** Up to 49 feet (15 meters)
- **Noise Reduction Rating (SNR):** 31dB
- **Battery:** 2000mAh Rechargeable
- **Operating Time:** Up to 50 hours
- **Charging Time:** Approximately 6 hours

PROHEAR EM011 Earmuffs

- **Noise Reduction Rating (NRR):** 23dB
- **Ambient Sound Amplification:** Up to 4x
- **Microphones:** Dual Omnidirectional
- **Sound Compression Reaction Time:** 0.01 seconds

General

- **ASIN:** B0FJRTGCLT
- **Date First Available:** June 12, 2025

WARRANTY AND SUPPORT

PROHEAR products come with a one-year warranty, affirming quality assurance. For technical support, warranty claims, or further assistance, please visit the official PROHEAR store or contact customer service through the details provided on the product packaging or the PROHEAR website.

PROHEAR Store: [Visit the PROHEAR Store on Amazon](#)



