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> AXIL MX II PRO Bluetooth Earmuffs User Manual

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Model: MX II PRO

INTRODUCTION

The AXIL MX II PRO Bluetooth Earmuffs provide advanced hearing protection with integrated sound enhancement and Bluetooth audio capabilities. Designed for environments with high noise levels such as shooting ranges, hunting, and various work settings, these earmuffs reduce harmful impact and continuous noise while amplifying important environmental sounds. This manual provides essential information for the proper setup, operation, and maintenance of your MX II PRO earmuffs.

SAFETY INFORMATION

Always read and follow all safety instructions before using this product. Improper use can result in hearing damage or product malfunction.

- Ensure earmuffs are properly fitted to achieve stated noise reduction ratings.
- Do not modify the device. Any modifications may compromise protection and void the warranty.
- Keep the device away from extreme temperatures and direct sunlight.
- Clean the earmuffs regularly as instructed in the Maintenance section.
- If you experience discomfort or hearing issues, discontinue use and consult a professional.

PACKAGE CONTENTS

Verify that all items are present in your package:

- AXIL MX II PRO Earmuffs
- One set of black face plates
- USB-C Charging Cable
- User Manual (this document)



Figure 1: Included items in the MX II PRO package.

PRODUCT OVERVIEW

The AXIL MX II PRO earmuffs integrate several key technologies for superior hearing protection and situational awareness:

- **Advanced Hearing Protection:** Combines passive noise reduction with electronic ear protection and compression, reducing harmful impact and continuous noise.
- **Sound Enhancement:** Amplifies voices and environmental sounds for clear awareness. Features up to 6x hearing boost.
- **Impact Filtering Technology (SonicShield X):** Blocks sudden high-impact noise while enhancing natural voices and ambient sound.
- **Bluetooth 5.3 Connectivity:** Stream music, take calls, and connect to compatible devices.
- **Smart Sound Balance:** Audio Balance Technology manages media and ambient sound levels for comfortable listening.
- **Dual Protection Storage System:** Built-in compartment for compatible AXIL earplugs (X20 or X30i) for double protection.
- **Rugged, Water-Resistant Design:** IP65 dust and water-resistant housing.
- **Long Battery Life:** Up to 60 hours of hearing enhancement use with USB-C charging.
- **Tap & Go Controls:** Intuitive touch controls for activation and sound boost.
- **Multi-Function Toggle Button:** For power and managing Bluetooth audio.



Figure 2: Key features of the AXIL MX II PRO earmuffs.



Figure 3: Explanation of SonicShield X impact filtering technology.

SETUP

1. Charging the Earmuffs

Before first use, fully charge your MX II PRO earmuffs.

1. Locate the USB-C charging port on the earmuffs.
2. Connect the provided USB-C cable to the earmuffs and a compatible USB power source (e.g., wall adapter, computer USB port).
3. The charging indicator light will illuminate. Once fully charged, the light may change color or turn off, depending on the model.
4. A full charge provides up to 60 hours of hearing enhancement use.

2. Fitting the Earmuffs

Proper fit is crucial for effective hearing protection and sound quality.

1. Extend the headband to its maximum length.
2. Place the earmuffs over your ears, ensuring the earcups fully cover your ears and create a seal against your head.

3. Adjust the headband by sliding the earcups up or down until a snug and comfortable fit is achieved.
4. Ensure no hair, clothing, or other objects interfere with the seal around your ears.

OPERATING INSTRUCTIONS

1. Power On/Off

- To power on, press and hold the multi-function toggle button until you hear an audible indication.
- To power off, press and hold the multi-function toggle button until you hear an audible indication.

2. Sound Amplification and Impact Compression

The MX II PRO features electronic sound amplification and impact compression to protect your hearing while maintaining situational awareness.

- **Activate/Deactivate:** Triple tap either the left or right touch sensor on the earcup to toggle the hear-through and compression feature on or off.
- **Adjust Volume:**
 - Double tap the **left** touch sensor to decrease the amplification volume.
 - Double tap the **right** touch sensor to increase the amplification volume.

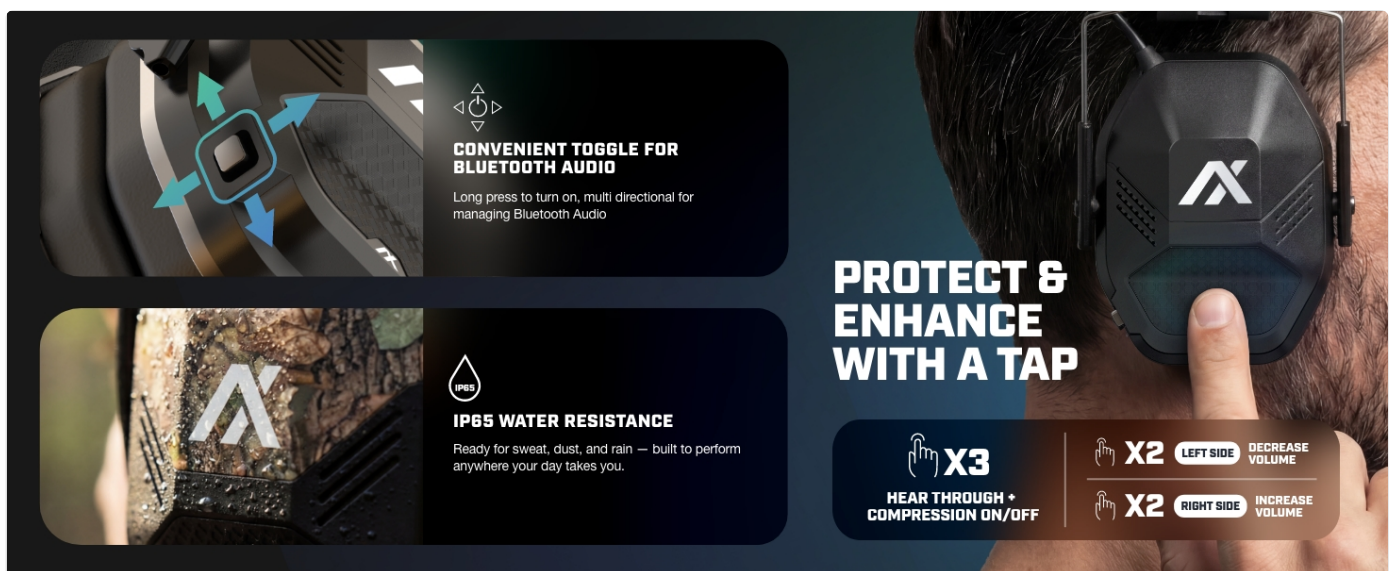


Figure 4: Tap controls for sound amplification and volume adjustment.

3. Bluetooth Audio

Connect your MX II PRO earmuffs to your smartphone or other Bluetooth-enabled devices for streaming audio and calls.

1. Ensure the earmuffs are powered on.
2. Activate Bluetooth on your device.
3. The earmuffs should automatically enter pairing mode upon first power-on or if no device is connected. Look for "AXIL MX II PRO" in your device's Bluetooth settings.
4. Select "AXIL MX II PRO" to pair. A voice prompt will confirm successful connection.
5. Use the multi-function toggle button for managing Bluetooth audio (e.g., play/pause, skip tracks, answer/end calls). Refer to the specific button functions in the diagram below.



Figure 5: Multi-function toggle button for Bluetooth audio control.

DUAL PROTECTION STORAGE SYSTEM

The MX II PRO features a unique storage compartment designed to hold compatible AXIL earplugs (X20 or X30i). This allows for convenient access to additional hearing protection when extremely high noise levels require double protection.

- Locate the storage compartment on the side of the earmuff.
- Open the compartment and insert your compatible AXIL earplugs.
- Close the compartment securely to keep earplugs safe and organized.



Figure 6: Built-in storage for AXIL earplugs.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your earmuffs.

- **Cleaning:** Hand clean only. Use a soft, damp cloth to wipe down the earcups and headband. Do not submerge the earmuffs in water or use harsh cleaning agents.
- **Storage:** Store the earmuffs in a cool, dry place away from direct sunlight and extreme temperatures.
- **Earcup Seals:** Regularly inspect the earcup seals for wear and tear. Damaged seals can compromise noise reduction. Replace if necessary.

TROUBLESHOOTING

If you encounter issues with your MX II PRO earmuffs, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Won't turn on	Low battery; Device malfunction	Charge the earmuffs fully using the USB-C cable. If still unresponsive, contact customer support.
No sound amplification	Feature is off; Volume too low	Triple tap a touch sensor to activate hear-through. Double tap the right touch sensor to increase volume.
Bluetooth not connecting	Earmuffs not in pairing mode; Device Bluetooth off; Interference	Ensure earmuffs are on. Turn your device's Bluetooth off and on again. Forget "AXIL MX II PRO" from your device's Bluetooth list and re-pair. Move closer to your device.
Poor noise reduction	Improper fit; Damaged earcup seals	Adjust the headband for a snug fit, ensuring no gaps around the ears. Inspect earcup seals for damage and replace if necessary.
Distorted or whistling sound	Microphone obstruction; Feedback; Device malfunction	Ensure microphones are clear of obstructions. Try adjusting the amplification volume. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model	MX II PRO
Noise Reduction Rating (NRR)	22 dB
Bluetooth Version	5.3
Battery Life (Hearing Enhancement)	Up to 60 hours
Charging Port	USB-C
Water Resistance	IP65 (Dust and Water Resistant)
Dimensions	6.3 x 6.02 x 4.06 inches
Weight	1.21 pounds
Fabric Type	PU Leather + Foam
Care Instructions	Hand clean only
Origin	Made in the USA

WARRANTY INFORMATION

AXIL products are designed for durability and performance. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official AXIL website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact AXIL customer support. You can typically find contact information on the official AXIL website or through the retailer where you purchased the product. For online resources and frequently asked questions, visit: www.axilhearing.com

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Example: How do I reset this device or fix this error?

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