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- › **MEZE AUDIO 109 PRO Wired Over-The-Ear Walnut Wood Audiophile Open-Back Headphones Instruction Manual**

MEZE AUDIO 109 PRO

MEZE AUDIO 109 PRO Headphones User Manual

Model: 109 PRO



1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MEZE AUDIO 109 PRO Wired Over-The-Ear Walnut Wood Audiophile Open-Back Headphones. Please read this manual thoroughly to ensure optimal performance and longevity of your product.



Image 1.1: The MEZE AUDIO 109 PRO headphones, showcasing their design.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- 109 PRO Open-Back Headphones
- 1.5m (4.92ft) soft TPE cable with 3.5 mm jack
- 3m (9.84ft) soft TPE cable with 3.5 mm jack
- Hard EVA carrying pouch
- 3.5 mm to 6.3mm gold-plated jack adapter
- Vegan leather cable pouch



WHAT COMES WITH OUR HEADPHONES



1.5 m and 3m soft TPE cable, with 3.5 mm jack



PU leather pouch



6.3 mm gold-plated jack adapter



Hard EVA carrying pouch

Image 2.1: All accessories included with the 109 PRO headphones.

3. KEY FEATURES

3.1. Walnut Wood Earcups

The earcups are crafted from genuine walnut wood, providing a unique aesthetic for each pair due to natural variations in grain, color, and texture. This design contributes to natural sound reproduction.



Image 3.1: The 109 PRO headphones featuring walnut wood earcups.

3.2. Self-Adjusting Headband

The vegan leather headband is reinforced with a manganese spring steel outer band. This design automatically distributes weight and pressure evenly across various head shapes, ensuring comfort during extended listening sessions.

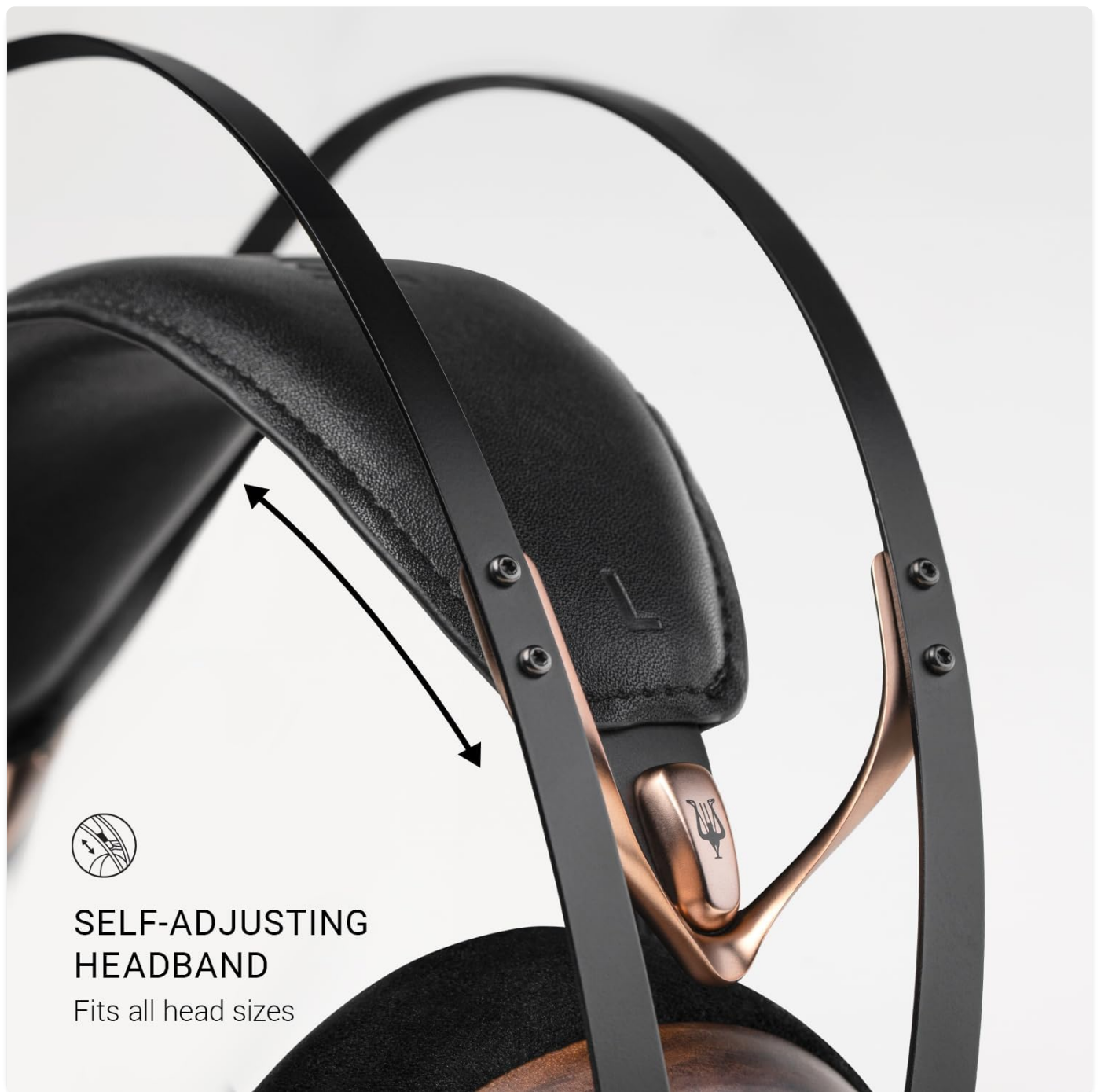


Image 3.2: Detail of the self-adjusting headband mechanism.

3.3. Soft, Comfortable Ear Pads

The ear pads are designed for comfort, minimizing ear fatigue during long listening periods.



SOFT, COMFORTABLE EAR PADS

No ear fatigue

Image 3.3: The soft, comfortable ear pads.

3.4. Power Efficiency

With a low impedance of 40 Ohms, the 109 PRO headphones are power-efficient and can be driven effectively by most devices without the need for additional amplification.



FREQUENCY RESPONSE

5 Hz - 30 kHz

SENSITIVITY

112 dB at 1kHz

IMPEDANCE

40 ohm

Image 3.4: Key technical specifications of the 109 PRO headphones.

4. SETUP INSTRUCTIONS

4.1. Connecting the Cable

1. Select the desired cable length (1.5m or 3m) based on your listening environment.
2. Locate the 3.5mm audio jacks on the bottom of each earcup.
3. Insert the cable's 3.5mm connectors firmly into the headphone jacks. Ensure a secure connection.
4. Connect the other end of the cable to your audio source (e.g., smartphone, computer, audio player). If your audio source requires a 6.3mm jack, use the included gold-plated adapter.

4.2. Adjusting for Comfort

1. Place the headphones on your head. The self-adjusting headband will automatically conform to your head shape.
2. Ensure the ear pads fully encompass your ears for optimal sound isolation and comfort.

5. OPERATING INSTRUCTIONS

5.1. Basic Audio Playback

1. Ensure the headphones are properly connected to your audio source.
2. Start audio playback on your connected device.
3. Adjust the volume using your audio source's controls.

The 109 PRO headphones are designed for a wide range of audio applications, including music listening, gaming, and professional use. Their open-back design provides a spacious soundstage.

6. MAINTENANCE AND CARE

6.1. Cleaning

- Use a soft, dry cloth to wipe the earcups and headband.
- For ear pads, gently wipe with a slightly damp cloth if necessary, and allow to air dry completely before use.
- Avoid using harsh chemicals or abrasive materials, as these can damage the finish and materials.

6.2. Storage

- When not in use, store the headphones in the provided hard EVA carrying pouch to protect them from dust and physical damage.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

6.3. Component Replacement

The 109 PRO headphones are designed for longevity with replaceable components including ear cups, headband, cables, and drivers. Contact MEZE AUDIO support for information on replacement parts.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
No sound or low volume	<ul style="list-style-type: none">• Cable not fully connected• Audio source volume too low• Incorrect audio output selected on device• Damaged cable	<ul style="list-style-type: none">• Ensure cables are securely plugged into both headphones and audio source.• Increase volume on your audio source.• Verify correct audio output is selected in device settings.• Try a different cable if available.
Sound distortion	<ul style="list-style-type: none">• Volume too high• Poor audio source quality• Damaged driver	<ul style="list-style-type: none">• Reduce volume on your audio source.• Test with a different audio source or higher quality audio files.• Contact support if distortion persists across multiple sources and volumes.

Issue	Possible Cause	Solution
Uncomfortable fit	<ul style="list-style-type: none">Headphones not positioned correctly	<ul style="list-style-type: none">Adjust the headband and earcups to ensure they sit comfortably over your ears. The headband is self-adjusting.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Meze 109 Pro
Connectivity Technology	Wired
Audio Driver Type	Dynamic Driver
Audio Driver Size	50 mm
Earpiece Shape	Over-Ear Cups
Impedance	40 Ohm
Frequency Range	5Hz - 30,000Hz
Sensitivity	112 dB
Headphones Jack	3.5 mm, 6.35 mm Jack
Item Weight	13 Ounces (approx. 368 grams)
Product Dimensions	11.81 x 11.81 x 7.09 inches
Material	Faux Leather (headband), Walnut Wood (earcups)
Noise Control	None (Open-back design)
Special Feature	Adjustable Headband, Superior Sound, Ultra Comfortable

9. WARRANTY AND SUPPORT

9.1. Warranty Information


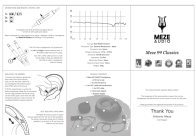
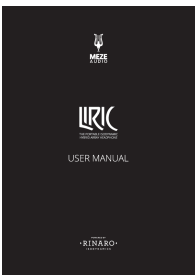



The MEZE AUDIO 109 PRO headphones come with a **2-year warranty**. This warranty covers manufacturing defects and ensures lasting assurance for your investment. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, warranty claims, or inquiries regarding replacement parts, please contact MEZE AUDIO customer support through their official website or authorized retailers. Information on replaceable components is available to ensure the long-term usability of your headphones.



Related Documents - 109 PRO

	<p>Meze Audio Elite Headphones User Manual Isodynamic Hybrid Array</p> <p>Comprehensive user manual for the Meze Audio Elite headphones, featuring Isodynamic Hybrid Array technology. Includes package contents, safety instructions, technical specifications, warranty information, and care guidelines.</p>
	<p>Meze 99 Classics Headphones: User Manual, Specifications, and Warranty</p> <p>Comprehensive guide for Meze 99 Classics headphones, covering features, technical specifications, package contents, warranty, safety instructions, and usage recommendations.</p>
	<p>Meze LIRIC Portable Isodynamic Hybrid Array Headphones User Manual</p> <p>User manual for the Meze LIRIC portable isodynamic hybrid array headphones, covering package contents, detailed specifications, features, safety guidelines, refund policy, returns, and warranty information.</p>
	<p>Meze Audio Elite Isodynamic Hybrid Array Headphones User Manual</p> <p>Comprehensive user manual for the Meze Audio Elite Isodynamic Hybrid Array Headphones, covering package contents, technical specifications, safety guidelines, refund policy, and warranty information.</p>
	<p>Meze Audio ALBA In-Ear Monitors User Manual</p> <p>Comprehensive user manual for the Meze Audio ALBA in-ear monitors, detailing key features, technical specifications, safety instructions, warranty, return, and refund policies. Learn about the premium build and audio quality of the ALBA IEMs.</p>
	<p>Meze Audio Elite User Manual: Isodynamic Hybrid Array Headphones</p> <p>Comprehensive user manual for the Meze Audio Elite headphones, detailing package contents, technical specifications, driver details, safety instructions, warranty, and care. Features Isodynamic Hybrid Array technology.</p>