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## MEZE AUDIO 105AER

# MEZE AUDIO 105 AER Wired Over-The-Ear Open-Back Headphones User Manual

MODEL: 105AER

## 1. Overview

The MEZE AUDIO 105 AER headphones are designed for audiophiles seeking a rich and versatile listening experience. These open-back headphones feature 50mm dynamic drivers, delivering a lush and refined sound with a warm, full-bodied quality. Inspired by bio-architecture, the 105 AER offers tonal equilibrium across all musical genres. Crafted with premium materials and a focus on user comfort, they are built for extended listening sessions.



Image: User enjoying the MEZE AUDIO 105 AER headphones.

## 2. What's in the Box

Your MEZE AUDIO 105 AER package includes the following items:

- MEZE AUDIO 105 AER Headphones
- Detachable 1.8m Thread Kevlar OFC Cable (with 3.5mm jack)
- 3.5mm to 6.3mm Gold-Plated Jack Adapter
- Hard EVA Carrying Pouch
- Cable Pouch



## WHAT COMES WITH OUR HEADPHONES



1.8 m Kevlar OFC cable, with 3.5 mm jack



Cable pouch



6.3 mm gold-plated jack adapter



Hard EVA carrying pouch

Image: All included accessories with the headphones.

## 3. Setup

### Connecting the Headphones

Connect the detachable 1.8m thread Kevlar OFC cable to the 3.5mm jacks on each earcup. Ensure a secure connection. If connecting to a 6.3mm audio system, use the provided 3.5mm to 6.3mm gold-plated jack adapter.

**FREQUENCY RANGE**

5 Hz - 30 kHz

**SENSITIVITY**

112 dB at 1kHz

**IMPEDANCE**

42 ohm

Image: MEZE AUDIO 105 AER headphones with the cable attached.

**Adjusting for Comfort**

The 105 AER features a self-adjusting headband made of soft PU leather and stamped manganese spring steel, designed to conform to your head shape automatically. The velour ear pads are plush and designed for comfort during long listening sessions, minimizing ear fatigue.



Image: Detail of the self-adjusting headband mechanism.



Image: Soft, comfortable ear pads designed for extended wear.

## Initial Use (Burn-in)

For optimal performance, it is recommended to allow the headphones at least 40 hours of 'burn-in' time. This process helps to loosen the diaphragm and driver, enhancing sound quality over time.

# 4. Operating Instructions

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## Audio Playback

Connect the 3.5mm jack (or 6.3mm adapter) to your audio source. The headphones have a low impedance of 42 Ohms and a sensitivity of 112 dB, making them easy to drive with most devices, including cellphones, desktops, gaming consoles, and laptops. For enhanced audio quality, consider using a dedicated headphone amplifier.

## Volume Control

Adjust the volume using the control on your connected audio device. The headphones themselves feature a volume control on the cable for convenient adjustments.

## Open-Back Design Characteristics

The open-back design provides a natural and spacious soundstage, offering an immersive listening experience. Be aware that this design allows some sound to leak out and also lets ambient sound in, which is characteristic of open-back headphones.

# 5. Maintenance

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## Cleaning

Gently wipe the earcups and headband with a soft, dry cloth. For the velour ear pads, a lint roller or a slightly damp cloth can be used for cleaning. Avoid harsh chemicals.

## Storage

When not in use, store the headphones in the provided hard EVA carrying pouch to protect them from dust and physical damage.

## Durability and Repair

The MEZE AUDIO 105 AER headphones are designed for longevity with a modular construction. Every component, including ear cups, headband, cables, and drivers, is replaceable. This design allows for easy repairs and extends the lifespan of your headphones.



Image: Exploded view of headphones showing replaceable components.

## 6. Troubleshooting

### No Sound or Low Volume

- Ensure the cable is securely connected to both the headphones and the audio source.
- Check the volume levels on both the audio source and the inline control (if applicable).
- Verify that the audio source is playing and not muted.

### Distorted Sound

- Check the audio source for any issues.
- Ensure the cable is not damaged.
- Try connecting the headphones to a different audio source to isolate the problem.

### Discomfort During Wear

- Ensure the self-adjusting headband is properly seated.
- If ear cartilage touches the internal driver housing, adjust the earcup position or consider alternative ear pads if available from the manufacturer.

## 7. Specifications

Feature	Detail
Frequency Response	5 Hz - 30 kHz
Sensitivity	112 dB
Impedance	42 Ohms
Audio Driver Type	50mm Dynamic Driver
Connectivity	Wired (3.5mm Jack)

Materials	ABS PC, PU Leather, Velour, Zinc Alloy
Item Weight	2.58 pounds
Product Dimensions	12 x 10 x 4.5 inches
Cable Feature	Detachable
Noise Control	None
Earpiece Shape	Oval

## 8. Warranty and Support

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MEZE AUDIO products are built with quality and durability in mind. For any warranty claims, technical support, or inquiries regarding replacement parts, please refer to the official MEZE AUDIO website or contact their customer service directly. The modular design ensures that components are replaceable, supporting the long-term usability of your headphones.