

M-AUDIO HDH40

M-AUDIO HDH40 Over-Ear Studio Headphones Instruction Manual

Model: HDH40

1. INTRODUCTION

The M-AUDIO HDH40 Over-Ear Studio Headphones are engineered for professional audio monitoring, podcasting, and recording. They combine premium transducer elements with a durable, rugged design to deliver accurate sound reproduction and effective acoustic isolation. This manual provides essential information to help you set up, operate, and maintain your HDH40 headphones for optimal performance.



Figure 1: M-AUDIO HDH40 Over-Ear Studio Headphones

2. PRODUCT FEATURES

The M-AUDIO HDH40 headphones are designed with several key features to enhance your audio experience:

- **High-Quality Sound:** Equipped with 40mm neodymium dynamic magnet drivers for clear and accurate audio reproduction.
- **Comfortable Design:** Features a flexible headband, stainless steel telescopic arms with scale, and soft leather cushioning for extended listening sessions.
- **Sound Isolation:** Closed-back design provides excellent acoustic isolation, ideal for monitoring in noisy environments.
- **Wide Compatibility:** An impedance of 32Ω and 95dB sensitivity ensures compatibility with a broad range of equipment.
- **Durable Cable:** Includes a 2.7m long fixed cable for a secure connection.
- **Versatile Connectivity:** Comes with a 1/4-inch adapter for connecting to professional audio equipment.

HIGH QUALITY SOUND



40mm

Neodymium Dynamic Magnet driver for studio quality sound

Figure 2: High-Quality Sound with 40mm Neodymium Dynamic Magnet Driver

HOURS OF COMFORT

Faux Leather Cushioning and Flexible Headband for a perfect fit



Figure 3: Hours of Comfort with Faux Leather Cushioning and Flexible Headband

3. SETUP

Follow these steps to set up your M-AUDIO HDH40 headphones:

1. **Connect the Cable:** The headphones feature a fixed 2.7m cable with a 3.5mm jack. For devices with a 1/4-inch input, attach the included 1/4-inch adapter to the 3.5mm jack.
2. **Plug into Audio Source:** Insert the 3.5mm jack (or 1/4-inch adapter) into your desired audio source, such as a mixer, audio interface, digital piano, smartphone, tablet, or gaming console.
3. **Adjust Fit:** Extend the stainless steel telescopic arms to adjust the headband for a comfortable fit. The earcups can rotate 180 degrees to conform to your head shape.
4. **Identify Left/Right:** Ensure the 'L' (Left) and 'R' (Right) indicators on the earcups correspond to the correct ears for proper stereo imaging.

FOCUS ON YOUR PRODUCTION

2.7m Long Fixed Cable provides secure connection



Figure 4: Fixed 2.7m Cable for Secure Connection

CONNECT TO ANYTHING

Connect smartphones and tablets, or plug directly into your audio interface or mixer with ¼" adapter



Figure 5: Connecting to Various Audio Devices

4. OPERATING INSTRUCTIONS

Once set up, operating your HDH40 headphones is straightforward:

- **Volume Control:** Adjust the volume directly from your connected audio source. The headphones themselves feature a volume control mechanism for convenient adjustments.
- **Monitoring:** The closed-back design provides excellent sound isolation, allowing you to focus on your audio without external distractions. This is crucial for accurate monitoring during recording or mixing.
- **Compatibility:** These headphones are compatible with a wide range of devices including music production equipment, laptops, desktops, gaming consoles, tablets, telephones, smart speakers, and cellphones.

5. MAINTENANCE

To ensure the longevity and optimal performance of your HDH40 headphones, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the earcups and headband. For the leather cushioning, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Cable Care:** Avoid sharply bending or twisting the fixed cable. Store the cable neatly to prevent

tangles and damage.

- **Storage:** When not in use, store your headphones in a clean, dry place away from extreme temperatures and direct sunlight. The rotatable earcups allow for a more compact storage.

6. TROUBLESHOOTING

If you encounter any issues with your HDH40 headphones, refer to the following common troubleshooting steps:

- **No Sound:**
 - Ensure the cable is securely connected to both the headphones and the audio source.
 - Check the volume level on your audio source and the headphone's volume control.
 - Test the headphones with a different audio source to rule out device-specific issues.
- **Poor Sound Quality:**
 - Verify that the cable connections are firm.
 - Ensure the audio source is playing high-quality audio.
 - Check for any damage to the cable or headphone drivers.
- **Discomfort:**
 - Adjust the headband and rotate the earcups to find a comfortable fit.
 - Take breaks during long listening sessions to alleviate pressure.

7. SPECIFICATIONS





Feature	Specification
Model Name	HDH40
Brand	M-AUDIO
Ear Placement	Over Ear
Form Factor	Over Ear
Connectivity Technology	Wired
Noise Control	Sound Isolation
Audio Driver Type	Dynamic Driver (40mm Neodymium)
Impedance	32 Ohms
Sensitivity	95 dB
Frequency Response	28 KHz (Note: JSON states 28 KHz, typically a range is provided, e.g., 20Hz-20kHz. Using provided data.)
Cable Length	2.7 meters
Connector Type	3.5mm Jack (with 1/4-inch adapter)



Item Weight	9.9 ounces (0.28 Kilograms)
Material	Stainless Steel
Color	Black

8. WARRANTY AND SUPPORT

The M-AUDIO HDH40 headphones are manufactured by inMusic Brands Inc. For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or visit the official M-AUDIO website. Keep your proof of purchase for warranty claims.

Related Documents - HDH40

	<p>M-Audio M-Track Duo USB Audio Interface User Guide</p> <p>Comprehensive user guide for the M-Audio M-Track Duo USB audio interface, covering quick start setup for Windows, macOS, and iOS, detailed features of the top, rear, and front panels, connection diagrams, software integration with MPC Beats, and full technical specifications. Optimize your audio recording and playback with this essential manual.</p>
	<p>M-Audio M-Track Solo User Guide: Setup, Features, and Specifications</p> <p>Comprehensive user guide for the M-Audio M-Track Solo audio interface, detailing setup, software integration, features, and technical specifications in English, Spanish, French, Italian, and German.</p>
	<p>M-Audio Nova Studio Microphone User Guide: Features, Specs, and Care</p> <p>Comprehensive user guide for the M-Audio Nova studio microphone, covering features, unpacking, connections, applications, care instructions, specifications, and warranty information.</p>
	<p>M-Audio AIR 192 6 Audio Interface & Classic Cantabile KH-238 Headphones User Manuals</p> <p>Comprehensive user guides for the M-Audio AIR 192 6 USB audio interface and Classic Cantabile KH-238 HiFi dynamic headphones, covering setup, features, specifications, and safety information.</p>

	<p>M-Audio M-Track Duo User Guide</p> <p>User guide for the M-Audio M-Track Duo, a versatile USB audio interface for musicians and producers. Covers quick start, software setup, features, panel descriptions, and technical specifications.</p>
	<p>M-Track Duo User Guide - M-Audio</p> <p>Comprehensive user guide for the M-Audio M-Track Duo, a 2-channel USB audio interface, covering quick start, software setup with Pro Tools and MPC Beats, features, connection diagrams, and technical specifications.</p>