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› [HIFIMAN](#) /

› [HIFIMAN HE-400I Planar Magnetic Headphones User Manual](#)

HIFIMAN HE400i

HIFIMAN HE-400I Planar Magnetic Headphones User Manual

Model: HE400i | Brand: HIFIMAN

INTRODUCTION

The HIFIMAN HE-400I is a high-quality, full-size planar magnetic headphone designed for critical listening in home or studio environments. Weighing approximately 370 grams (13.1 ounces), it is significantly lighter than many comparable planar magnetic headphones, enhancing comfort during extended use. Key design elements include a newly developed headband and beveled hybrid ear pads, contributing to both comfort and acoustic performance. The headphones utilize single-ended drivers to deliver a lifelike soundstage and precise spatial imaging. With an efficiency of 93dB, the HE-400I can be powered by a modest amplifier or even portable audio players and smartphones. A premium cable, constructed from Crystalline metal with Oxygen-free copper and silver, is included. The ear cups feature an ABS polymer in a gloss charcoal finish.



Figure 1: Front view of the HIFIMAN HE-400I headphones.

PRODUCT FEATURES

- **Lightweight Design:** Approximately 30% lighter than comparable planar magnetic headphones, weighing 370 grams (13.1 ounces).
- **Enhanced Comfort:** Features a newly designed headband and FocusPad beveled hybrid ear pads made of pleather and velour.
- **Planar Magnetic Technology:** Utilizes single-ended drivers for a lifelike soundstage and spatial imaging.
- **High Efficiency:** 93dB sensitivity allows for use with a variety of audio sources, including portable devices.
- **Premium Cable:** Includes a detachable cable made of Crystalline metal with Oxygen-free copper and silver.
- **Durable Construction:** ABS polymer ear cups in a gloss charcoal finish.

SETUP

1. **Unpacking:** Carefully remove the headphones, 1/4" adapter, and cable from the display box.
2. **Cable Connection:**
 - Identify the left (L) and right (R) connectors on the headphone cable.
 - Locate the corresponding L and R input jacks on the bottom of each ear cup.
 - Insert the cable connectors firmly into the respective ear cup jacks. Ensure a secure connection.



Figure 2: Detachable cable connection to the left ear cup.

3. Source Connection:

- For devices with a 3.5mm audio jack (e.g., smartphones, laptops), connect the 3.5mm end of the cable directly.
- For devices requiring a 1/4" connection (e.g., audio interfaces, dedicated headphone amplifiers), attach the included 1/4" adapter to the 3.5mm plug of the cable.

4. Adjusting Fit:

Extend or retract the headband sliders to achieve a comfortable and secure fit on your head.

The ear pads should fully enclose your ears without excessive pressure.

OPERATING INSTRUCTIONS

1. **Power On Source:** Ensure your audio source (amplifier, portable player, computer) is powered on and the volume is set to a low level.
2. **Wear Headphones:** Place the headphones on your head, ensuring the ear pads comfortably cover your ears. Adjust the headband for optimal fit.
3. **Start Audio Playback:** Begin playing audio from your source.
4. **Adjust Volume:** Gradually increase the volume on your audio source to a comfortable listening level. Avoid excessively high volumes to prevent hearing damage.
5. **Break-in Period:** For optimal sound performance, it is recommended to allow a break-in period of approximately 150 hours of listening. During this time, the drivers will settle, and the sound quality may improve.

MAINTENANCE

- **Cleaning Ear Pads:** Gently wipe the ear pads with a soft, dry cloth. For deeper cleaning, a slightly damp cloth with mild soap can be used, ensuring no moisture enters the driver area. Allow to air dry completely before use.
- **Cleaning Headband and Ear Cups:** Use a soft, dry cloth to wipe down the headband and ear cups. Avoid abrasive cleaners or solvents.
- **Cable Care:** Handle the detachable cable with care. Avoid sharp bends, excessive pulling, or tangling to prevent damage.
- **Storage:** When not in use, store the headphones in their original display box or a suitable protective case to prevent dust accumulation and physical damage.

- **Avoid Moisture:** These headphones are not water-resistant. Keep them away from liquids and high humidity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Cable not fully connected. Audio source volume too low. Incorrect audio source selection. Damaged cable.	Ensure cable is securely plugged into both headphones and audio source. Increase volume on audio source. Verify correct audio output is selected on your device. Try a different audio cable if available.
Distorted sound	Volume too high on source or headphones. Poor quality audio file. Damaged drivers.	Reduce volume. Test with a high-quality audio file. Contact customer support if distortion persists with multiple sources/files.
Uncomfortable fit	Headband not adjusted correctly. Ear pads worn out.	Adjust headband sliders until comfortable. Consider replacing ear pads if they are flattened or damaged.

SPECIFICATIONS

Model Name	HE-400I
Brand	HIFIMAN
Ear Placement	Over Ear
Form Factor	Over Ear
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Impedance	35 Ohms
Item Weight	370 Grams (13.1 ounces)
Product Dimensions	8 x 7 x 4.5 inches
Material	ABS, Copper, Metal
Special Feature	Lightweight
Included Components	Hifiman HE-400i, Display Box, 1/4" Adapter

WARRANTY AND SUPPORT

HIFIMAN products are sold through authorized retail partners to ensure authenticity and service. To receive an extra three-month extended warranty, register your product on the official HIFIMAN website. For warranty claims, technical support, or service inquiries, please contact HIFIMAN customer support or your authorized dealer.

Consumer Alert: HIFIMAN products not sold by authorized partners cannot be verified as authentic and will not receive the HIFIMAN manufacturer's warranty or factory service. Always verify you are dealing with an authorized HIFIMAN retail partner before purchasing.

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video 1: An official overview of the HIFIMAN HE-400i Over Ear Planar Magnetic Headphones, highlighting their design and features.

Related Documents - HE400i

	<p><u>HIFIMAN Arya Organic Headphones: Owner's Guide, Features, and Warranty</u></p> <p>Explore the HIFIMAN Arya Organic planar magnetic headphones with this comprehensive owner's guide. Learn about its advanced technologies like Stealth Magnets and Nanometer Thickness Diaphragm, setup instructions, care guidelines, and limited warranty details.</p>
	<p><u>HIFIMAN AUDIVINA LE Planar Headphones - Owner's Guide & Specifications</u></p> <p>Comprehensive owner's guide for the HIFIMAN AUDIVINA LE closed-back planar magnetic headphones, detailing features, specifications, care, and warranty.</p>
	<p><u>HIFIMAN HE600 Owner's Guide: Planar Magnetic Headphones</u></p> <p>Comprehensive owner's guide for the HIFIMAN HE600 open-back planar magnetic headphones, detailing advanced technologies like the NEO Supernano Diaphragm Gen.2 and Enhanced Magnet system, setup instructions, care, and warranty information.</p>
	<p><u>HIFIMAN Edition XS Owner's Guide - High-Fidelity Planar Magnetic Headphones</u></p> <p>Official owner's guide for the HIFIMAN Edition XS planar magnetic headphones. This document details advanced features such as Stealth Magnets and the NEO Supernano Diaphragm, providing comprehensive information on specifications, package contents, setup instructions, care and maintenance, and the limited warranty. It also offers insights into HIFIMAN's commitment to audio quality and innovation.</p>
	<p><u>HIFIMAN Arya Owner's Guide</u></p> <p>Comprehensive owner's guide for the HIFIMAN Arya planar magnetic headphones, detailing features, setup, care, and warranty.</p>
	<p><u>HIFIMAN Edition XV Headphones: Owner's Guide and Technical Specifications</u></p> <p>Comprehensive owner's guide for the HIFIMAN Edition XV headphones, detailing features like the NEO Supernano Diaphragm Gen.2 and Enhanced Magnet design, setup instructions, care, maintenance, and warranty information.</p>