HIFIMAN

Innovating the Art of Listening

Stealth Magnets Design

Nanometer Thickness Diaphragm



HE1000

Owner's Guide

Hello

Thank you for purchasing the HIFIMAN HE1000 planar magnetic headphone. HIFIMAN is one of the leading high performance audio brands in the world. The HE1000 incorporates our latest design concepts, including patented technologies that will provide you with exceptional pleasure for years to come.

This guide is intended to share important information with you about the special design and technologies that went into HE1000 and how you can maximize your enjoyment.



Mariinsky Theatre, St. Petersburg

The Stealth Magnets

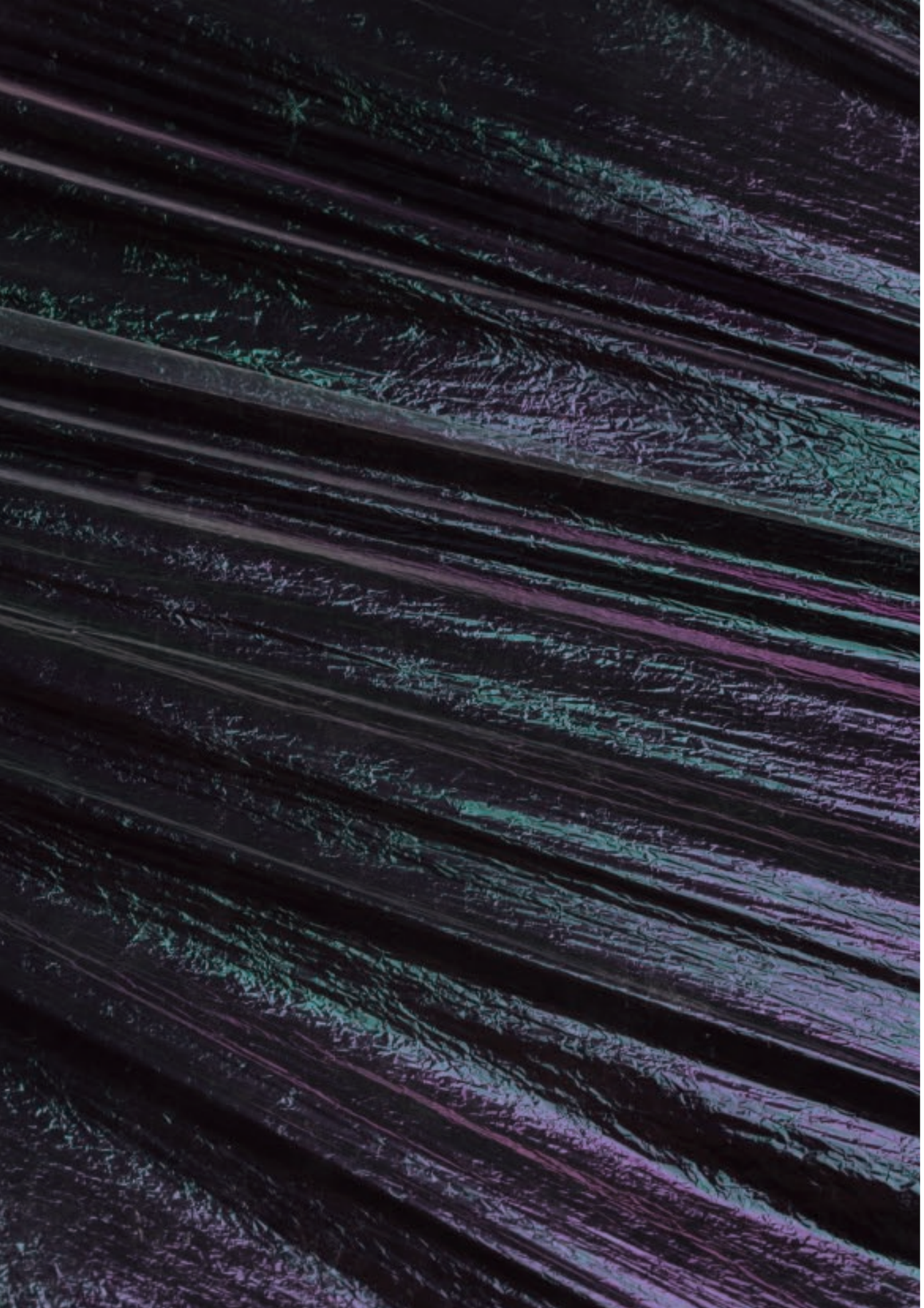
Stealth Magnets Design

The latest innovation in the world of planar magnetic headphones is the development of a new design of magnet. We have called these “Stealth Magnets”after the core principle of anything stealth, to be as invisible as possible. Thus, the advanced magnet design used on the HE1000 aims to be as acoustically transparent, or invisible as possible. In traditional designs the magnets get in the way of the sound waves, by reflection and diffraction. This creates constructive and destructive interference and as these points shift with frequency changes there is a mass of wave interference taking place.

The use of “Stealth Magnets”means the sound wave reproduction can take place without the necessary magnets getting in their own way ruining the sonic purity of their output.







World's First Diaphragm in Nanometer Thickness

Nanometer Thickness Diaphragm

Assures Remarkable Reproduction

HE1000 uses planar magnetic technology to create sound. Unlike conventional dynamic drivers, HIFIMAN planar headphones utilize a very thin film in proximity to a magnet to create sound that is detailed and lifelike with outstanding clarity. Generally, the thinner the film means lower mass, yielding faster response and lower distortion which in turn are key elements that create natural sound reproduction.

In the HE1000, the film we use is so thin, it is a diaphragm in nanometer thickness which is a breakthrough core technology developed by HIFIMAN and first of its kind in headphone application. To give you an idea how thin the film is, if you were to view it from the side, it would be invisible to the naked eye. Working with this advanced material is extremely challenging yet the successful incorporation of this film as the HE1000's planar driver is the cornerstone of its remarkable sound.



Patented “Window Shade” System

Created to meet the need for driver protection and optimized open-back design

HIFIMAN utilizes an “Open Back” design for best possible sound. With HE1000, a patented “Window Shade” is precisely structured to gain greater openness in the headphone design. It keeps the sound waves from second refraction to avoid unwanted vibration and distortion. Result is a wider soundstage, outstanding imaging and remarkable clarity.



Advanced Asymmetrical Magnetic Circuit

7 years of painstaking research with this groundbreaking design offers near perfect reproduction of live music

It took the HIFIMAN team seven years to obtain the optimum balance between high driver efficiency and high sound quality. The innovative design of the double-sided, asymmetrical magnetic circuit is the perfect marriage of the Diaphragm in Nanometer thickness and its magnetic partner. The result is Planar Magic.



Metropolitan Opera,New York



The Headband

Ergonomic and comfortable headband design for most people, with greater reliability and durability

The headband of HE1000 accommodates a wide range of head sizes while applying correct pressure evenly. The metal headband structure is created via CNC milling and hand polishing. To adjust the headband, simply move each ear cup up or down until the top of the headband rests comfortably on your head and the ear cups surround your ears.

Wiener Staatsoper



The Ear Pads

The ear pads are specially designed that they contour to the shape of your head for superb comfort and extended listening. The premium ear pads also have an improved surface that make contact with head to increase sound transparency.



HE1000



Specifications

Style：Open Back

Driver type：Planar Magnetic

Frequency response: 8Hz-65kHz

Impedance: 32 Ω

Sensitivity: 93 dB

Weight：458g (16.2oz)

Bayerische Staatsoper

HIFIMAN Limited Warranty

Your product is warrantied for a period of two years beginning with the original date of purchase. If you join HIFIMAN on Facebook, your product warranty will be extended for an additional six months. Please contact HIFIMAN customer service if you need any assistance.

The dated sales or delivery receipt is your proof of purchase. You may be required to provide proof of purchase as a condition of receiving warranty service so please keep it handy.

If your product is under warranty and malfunctions occur, please contact HIFIMAN customer service or your authorized dealer. If necessary, and at the discretion of HIFIMAN, the company will provide a warranty repair or replacement of your product.

Caution: do not disassemble or modify the product in any way. Tampering with or modifying your HIFIMAN product will void its warranty.

This Limited Warranty does not apply to :

1. Defective or discolored parts if the damages are caused by fluids, dirt, missing keys, broken plastic parts or improper use.
2. Damage caused by misuse with another product.
3. Use of the product for other than its normal intended use, including, without limitation, failure to use the product in accordance with the supplied "Owner's Guide"
4. Damage caused by accident, abuse, neglect or misuse.
5. If you do not have a valid dated receipt showing proof of purchase.
6. Damage caused by services/repairs or other modifications to the system carried out by anyone other than HIFIMAN or an authorized HIFIMAN distributor or dealer.
7. Damage caused by self-repair or if the unit has been disassembled or modified in any way.

HIFIMAN guarantees your satisfaction and will do everything reasonable to achieve that. If you have any questions or concerns with your product, simply contact your authorized dealer or HIFIMAN directly (if purchased from us) and explain the issue in detail. Should a return be required, a RA# will be issued. Return shipping to HIFIMAN or authorized service facility will be at the owner's expense.

The warranty applies to the first purchaser and is not transferable. Should you need warranty service please contact your authorized HIFIMAN dealer. Or email us directly at customerservice@HIFIMAN.com

If you have any concerns with your product: please contact us to explain the issue in detail. If a return/refund is required, a RA# will be issued. Return shipping to HIFIMAN or authorized service facility is done at the owner's expense.

For any further information or questions, please contact your authorized HIFIMAN dealer. Or email us directly at customerservice@HIFIMAN.com.

1. **Correct disposing of waste electrical and electronic equipment (WEEE) and symbol of the "crossed-out wheeled bin"**
   The crossed-out wheeled bin on WEEE means that you are obliged by law to dispose of this equipment separately from the unsorted municipal waste collection system. Disposing of it in the residual waste bin, the yellow bin or yellow bag for recyclable materials is legally prohibited. If the equipment contains portable batteries, accumulators or lamps that are not permanently installed, these must be removed before disposing of the product and be disposed of separately as waste portable batteries.

2. **Ways of returning waste electrical and electronic equipment**
   Owners of waste electrical and electronic equipment can return them to those facilities for returning or collecting waste electrical and electronic equipment set up and provided by the public-sector waste disposal authorities or alternatively with collection points installed by producers, retailers or distant sellers to ensure that the waste electrical and electronic equipment is disposed of correctly. The following link leads to an online registry of the available collection and take-back sites: https://e-schrott-entsorgen.org/

3. **Data privacy**
   We should point out to all end-users of waste electrical and electronic equipment that they themselves are responsible for deleting all personal data from the waste electrical and electronic equipment to be disposed of.

WEEE Reg. No. DE 73830605
WEEE Reg. No. DE 48150071

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