



HE1000 WiFi



Hello

Thank you for purchasing the HE1000 WiFi planar magnetic headphones. HIFIMAN, a brand of high-end audio products, is dedicated to the research, development, and manufacturing of high-fidelity headphones, music players, audio amplifiers, and more.

This time, we have incorporated HIFIMAN's latest philosophy of "popularizing wireless high-definition audio" into the HE1000 WiFi headphones. To achieve this, we have integrated a nanometer thickness diaphragm, enhanced magnets, stealth magnets and a 2nd generation headband - Headband Gen.2, and most importantly: WiFi streaming technology, along with the "Himalaya Mini" R-2R DAC, into the HE1000 WiFi headphone.

With the HE1000 WiFi headphone, you no longer need to worry excessively about front-end equipment, power supply for devices, transmission bit rates, impedance matching, or even the distance from your playback device. This time, all you truly need to do is sit back and enjoy the music.

By reading this guide, you will learn about the special designs and technologies adopted in the HE1000 WiFi headphone, how to use and maintain them, and how to achieve the best auditory experience they can offer.



HE1000 WiFi

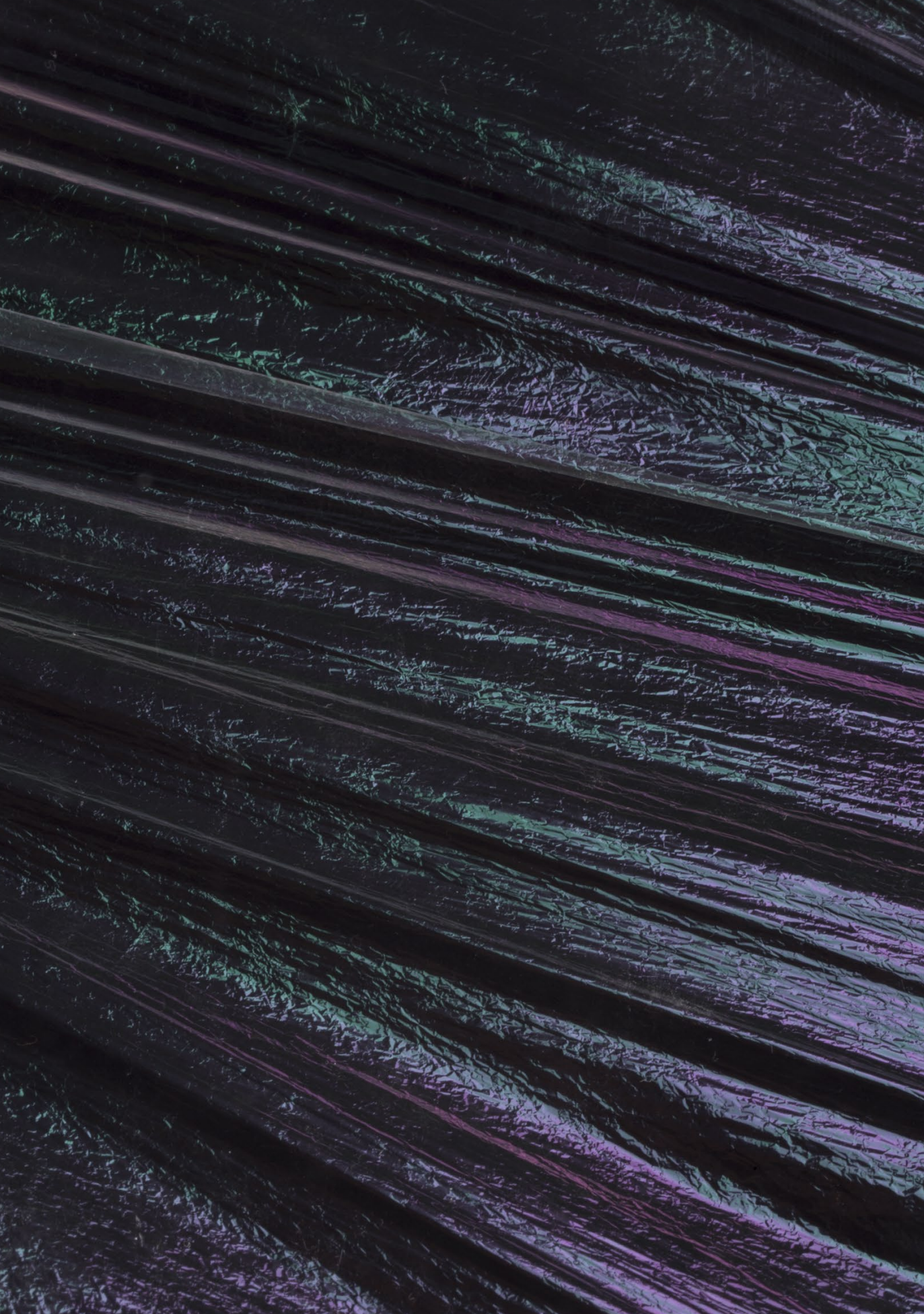
The Stealth Magnets



The stealth magnets use high-precision laser cutting technology, achieving the success of sound resolution and low distortion.

The stealth magnet structure optimizes the air flow and reflection in the magnetic gap of the coil, making the sound of the voice coil more delicate and obtaining a more pure and natural sound.





Nanometer Thickness Diaphragm



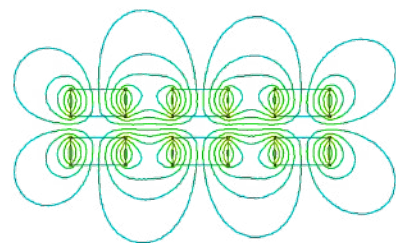
Assures Remarkable Reproduction

HE1000 WiFi 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, the lower the mass, yielding faster response and lower distortion which in turn are key elements that create natural sound reproduction.

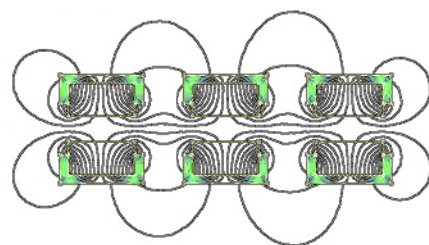
In the HE1000 WiFi, the film we use is so thin, it is a diaphragm in nanometer thickness which is a breakthrough core technology developed by HIFIMAN. To give you an idea how thin the film is, if you were to view it from the side, it would be invisible to the naked eye. Working with this advanced material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



With rare-earth-free magnetic materials, it achieves the sensitivity of a planar speaker close to that using rare-earth magnets through structural and material optimization.



Normal magnets



Enhanced magnets

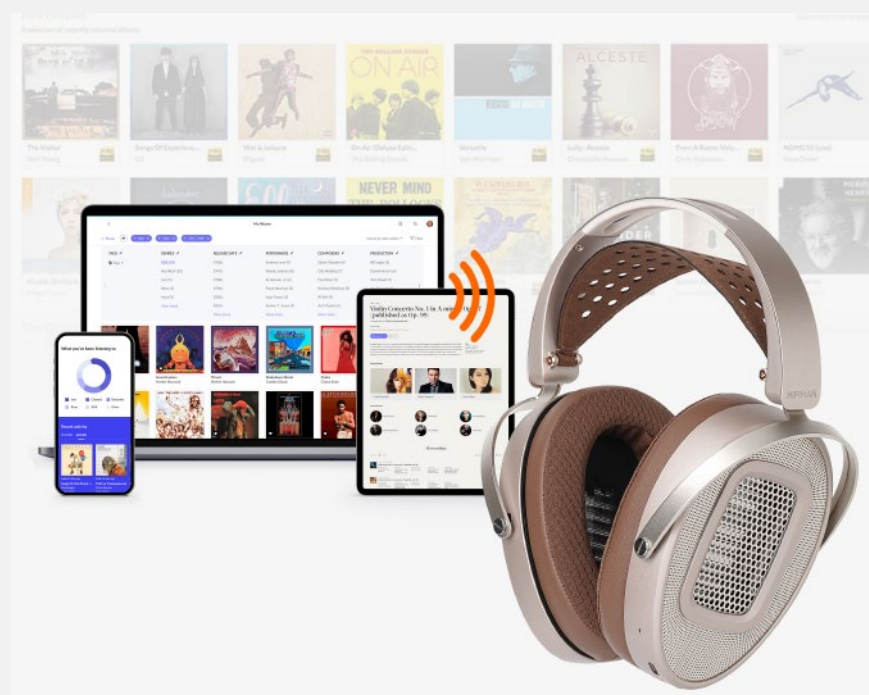


New Composite Headband





The WiFi streaming technology supports high-speed transmission in high-bitrate, and multi-format lossless music.



Support for most online streaming services



Indoors, outdoors, wireless, wired...
They cover a wide range of scenarios.

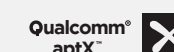


WiFi streaming mode

Play music from online store



Support high resolution Bluetooth profiles



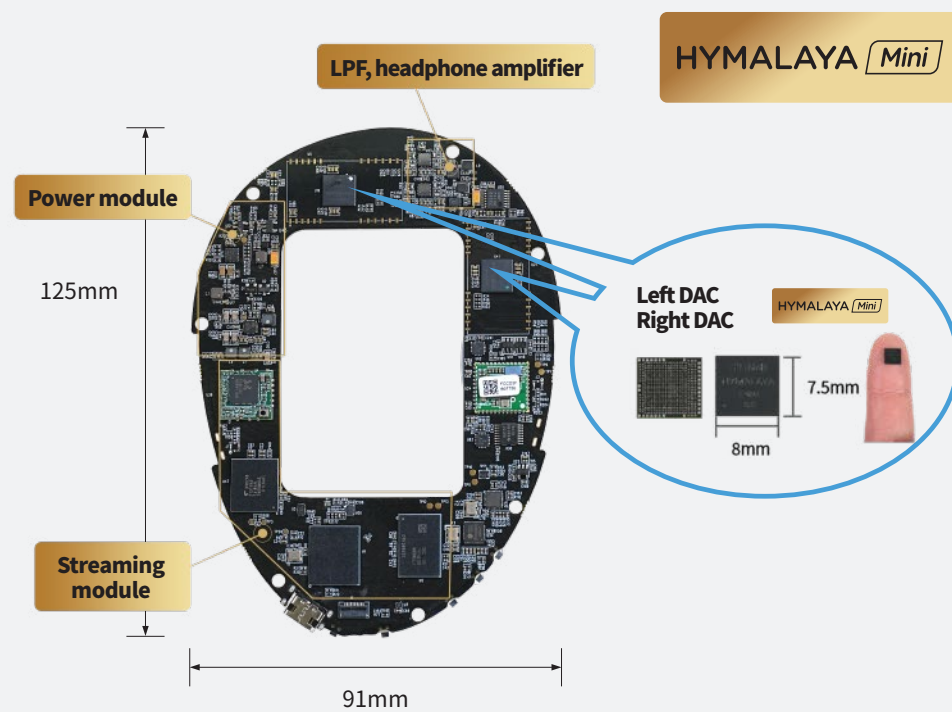
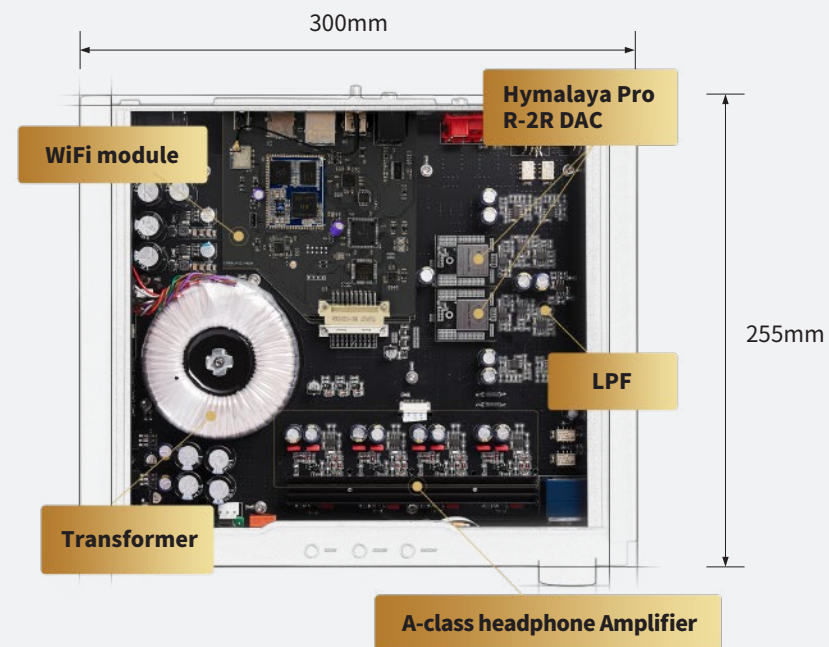
AAC

SBC



USB audio mode

A True All-in-One System !



Function Description of HE1000 WiFi Headband Headphones

The HE1000 WiFi is an all-in-one over-ear headphone that supports high-definition Bluetooth playback, media playback, and USB Audio. It defaults to Bluetooth mode when turned on, and you can cycle through the three modes by pressing the function button.

Function Buttons and Operation Instructions

1. Power On/Off Button: Long-press for 3-5 seconds to turn on the device, and it will enter Bluetooth pairing mode.
2. Function Button: Tap to switch functions and cycle through Bluetooth/Wi-Fi/USB Audio three modes.
3. Volume Buttons: Tap “+” to increase the volume and tap “-” to decrease the volume.
4. Reset Button (Wi-Fi): When clearing the Wi-Fi network, long-press the 3-5 second Wi-Fi function indicator light and the red and blue lights will flash three times before starting to clear, indicating successful clearing. When the Bluetooth/USB Audio mode is activated, tap the USB Audio mode to stop charging, and the red and blue lights are allowed to stay on.

Bluetooth LED Light Display Instructions

In Bluetooth mode, the function key LED light is off. In pairing state, the LED light blinks green and red alternately, and the LED light blinks once every 5 seconds during playback. The LED light blinks once every 5 seconds when playback is paused.

WiFi Mode LED Display Instructions

In Wi-Fi mode, the function key LED light is green. It takes 2-3 minutes to enter the system after power-on. In AP mode, the LED light blinks once every 1 second, and you can perform matching operations at this time. After successful networking, the status LED light is always on, and the playback status LED blinks once every 1 second.

USB Audio Mode LED Display Instructions

In USB Audio mode, the function key LED light is purple. Charging is disabled by default in this mode.

LED Display Instructions for Battery Level

In charging state, the power on/off key LED is red. When fully charged, the LED turns green. In low battery state, the power on/off key LED flashes red as a warning. When the battery level is lower than the set threshold, the power on/off key LED flashes red and then the device shuts down.

Firmware Upgrade

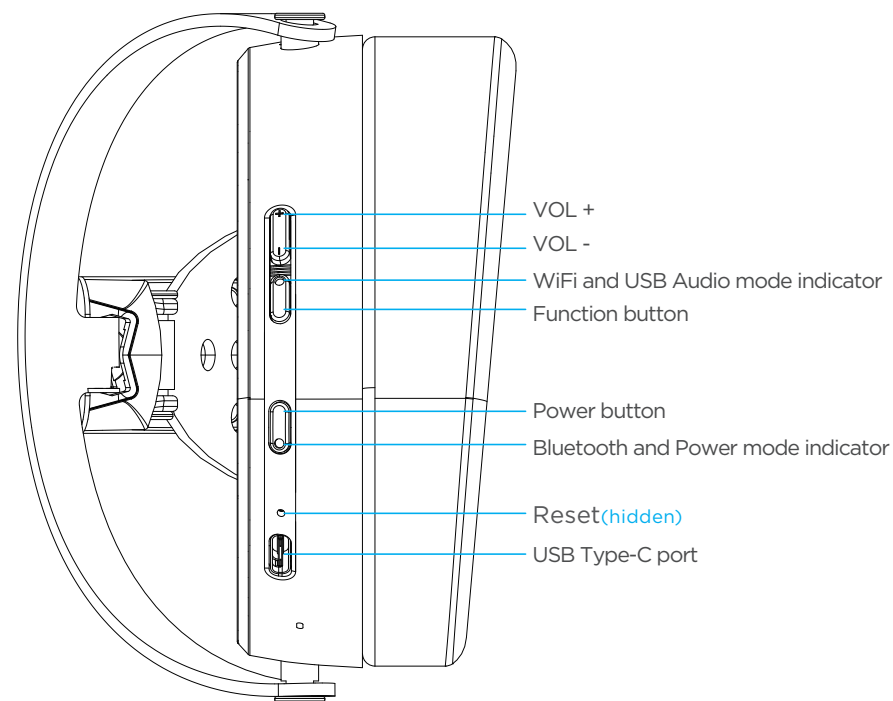
We will periodically update firmware to keep the headphones in the latest working state. The method is as follows:

Before upgrading, clear the network configuration information. Long-press the Wi-Fi function indicator light for 3-5 seconds until the red and blue lights flash three times, then release the button. After the clearing is successful, the headphones will shut down.

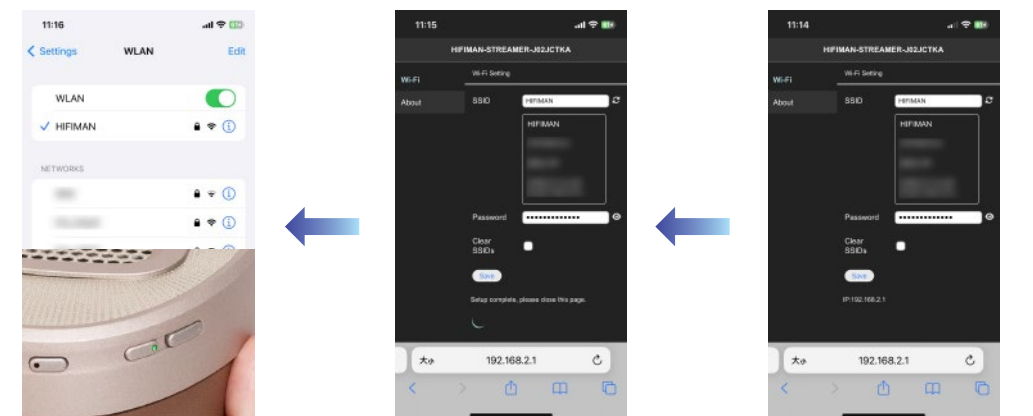
After restarting, follow the previous network matching operation to enter the settings page. When “About” is displayed on the page, click “Manual Update” in the page, import the upgrade file, and then restart the headphones.

After the upgrade is completed, restart the headphones and re-match the network.

WiFi Connection Mode Operation Instructions



When using the Wi-Fi function of this headphone for the first time, you need to configure the network to connect to the Internet: Ensure that your cellphone is connected to local WiFi.



Specifications

Frequency Response: 8Hz-65kHz $\pm$ 0.5dB

THD+N: DAC: 0.0055% @-9dB, 1KHz

DAC+AMP: 0.009% @32 Ω , 1KHz

Channel Separation: 105dB @1KHz

Net Weight: 452g

Operating Modes: WiFi, USB Audio, Bluetooth

Battery life under WiFi mode: 6.5-7.5 hours

Battery life under Bluetooth mode: 23 hours

Charging Time: 3-4 hours;

Standby Time: Over 30 days

Audio Formats: PCM 44.1KHz-768KHz, 32/24/16Bit, DSD native 64-512

Bluetooth Codecs: SBC/AAC/aptX/aptX HD/LDAC

Package Contents

(1) Pair of headphones

(1) Pair of ear pads (mounted on headphone)

(1) Owner's Guide

(1) USB cable



HIFIMAN Limited Warranty

Your product is warrantied for a period of one year 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



HIFIMAN ELECTRONICS CORPORATION

Address: 2602 Beltagh Ave, Bellmore, NY 11710, USA



facebook.com/hifimanelectronics



twitter.com/hifimanofficial



www.hifiman.com

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.