

# HiFiMAN



## HiFiMAN HE-6

Owner's Guide

[www.hifiman.com](http://www.hifiman.com)



Thank you for purchasing the HiFiMAN HE-6, the company's flagship model and we believe one of the finest headphones available in the world.

This Owner's Guide is intended to provide a useful overview of your new HE-6 and how to best operate it for many years of enjoyment and reliability. Please take the time to familiarize yourself with its features. If you have any questions or need additional information, contact your authorized HiFiMAN dealer.

## Product Overview

The HiFiMAN HE-6 is a planar magnetic headphone with open back design. The HE-6 features a special planar magnetic driver with gold traces on its diaphragm for ultra-low distortion and extended high frequency response. Connection is made via the supplied cable with screw-on connections using separate ground leads for each channel to minimize crosstalk between the channels.

The HiFiMAN HE-6 features the company's most advanced planar magnetic technology in a no-compromise design. With sensitivity of 83.5dB, to get the best possible performance, HE-6 must be paired with a headphone amplifier of comparable quality such as the Class A HiFiMAN EF-6. The HE-6 is the reference amplifier choice of critical listeners around the world.



## Key Features and Specifications

- Frequency Response: 8 Hz to 65 KHz
- Impedance: 50 Ohms
- Efficiency: 83.5 dB at 1 mW
- Weight: approx. 17.7Oz (502 g)

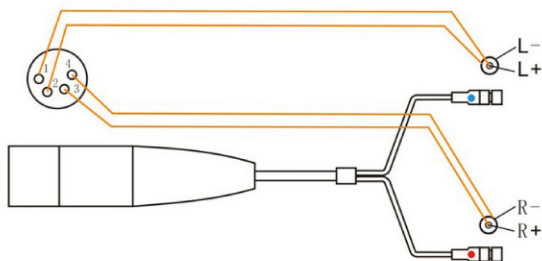
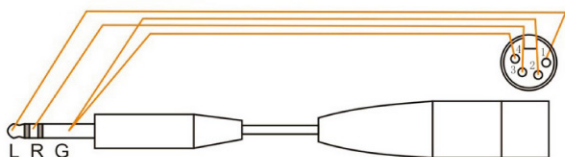
## Accessories

- Sturdy presentation box
- OCC (single crystal copper) 4pin XLR cable (2m or 6')
- OCC XLR to 1/4" (6.35mm) headphone plug adaptor (1m or 3')
- Headphone cable connectors one pair
- Leather earpad 1 pair (on the headphones), velour earpads 1 pair





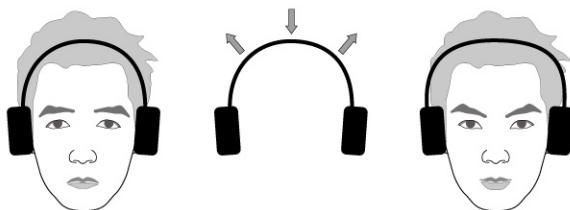
## Cable Connection for HiFiMAN 4-Pin-XLR symmetrical cabling:





## Headband Adjustment for HiFiMAN Headphones:

If the top of the headband does not touch your head, you can bend the metal strip inside the headband into shape. To accomplish this, first use your hands to flatten the top of the headband. Next, you need to increase the curvature of the left and right side. Follow this procedure until the top of the headband rests on top of your head.





## Set-up and Operation

1. Headphone amplifiers with a minimum output power of 2 Watts into the specified unit's impedance are recommended for best results.
2. Please allow at least 150 hours of constant use for break-in of your new headphone. Volume does not need to be at a high level.
3. To connect your headphones to an amplifier, please use the supplied cabling. The mini-coax plug with the red dot goes to the right side marked with R. (Depending on the cable in use, the cable itself can also show L and R on the plugs.) Push the connector straight onto the socket and then use your fingers to tighten the washer. When tightening, please make sure to move the washer only and not the cable as such. A loose connection can lead to drop outs and distortion. Repeat the process with the other mini-coax connector.
4. The supplied cable adaptor with the large 1/4" (6.35mm) jack is connected with the typical headphone output of an amplifier or even better with a headphone amplifier. Please be aware that many home amplifiers will switch off the loudspeaker output when a headphone is connected. OFC cable with 4-pin XLR is exclusively for use with headphone amplifiers supporting a 4 pin XLR output.
5. To clean your headphone, please use a soft slightly damp cloth only. Do not use any detergents and make sure not to let any fluid enter the open sides of the headphone. The leather headband can be maintained using standard leather care products. When your earpads become worn and no longer offer a good connection to your head, you should replace them with new ones which can be supplied from your dealer or from [www.head-direct.com](http://www.head-direct.com). The internal drivers do not require maintenance. Any attempt to remove them will void your warranty.





6. It is theoretically possible to connect your HiFiMAN HE-6 directly to the speaker output terminals of your home amplifier. However, the amplifier in use may not offer more than 70 Watts of output power and must be stable into the higher than typical load of the HiFiMAN HE-6 headphone. Please make sure to verify this with the manufacturer of your amplifier before attempting a connection.

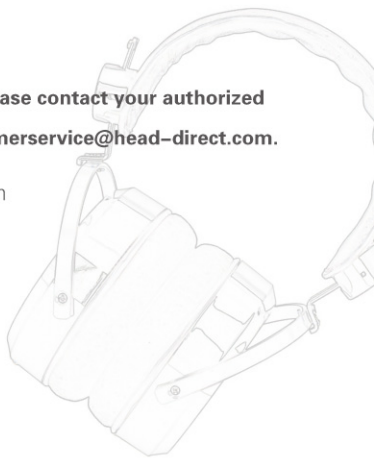
## Warranty

- One-year free repair when used according to our recommended instructions. Contact us first to troubleshoot before returning and if needed an RA will be issued. Return shipping to HiFiMAN or authorized service facility is owner's responsibility.
- For residential use only.

**For any further information or questions, please contact your authorized HiFiMAN dealer. Or email us directly at [customerservice@head-direct.com](mailto:customerservice@head-direct.com).**

[www.hifiman.com](http://www.hifiman.com)

**HiFiMAN**



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