

Innovating the art of listening

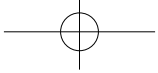


# HIFIMAN EF-6

Owner's Guide

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Thank you for purchasing the HIFIMAN EF-6, our flagship headphone amplifier and we believe one of the finest available on the market. The EF-6 is a reference-quality, no-compromise product designed to properly drive the most demanding headphones such as our HIFIMAN HE-6.

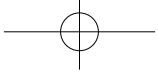
This Owner's Guide is intended to provide a useful overview of your new EF-6 and how to best install and operate it for many years of enjoyment, safety and satisfaction. Please take the time to familiarize yourself with its features. If you have any questions or need additional information, contact your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

## Product Overview

The HIFIMAN EF-6 is a Class A high-end headphone amplifier with exceptional sound and ample power reserves. The total DC feedback amplification circuit technology is adopted so as to reduce the sound loss which might be caused by capacity coupling. Three pairs of medium-power field efficiency transistors specially designed for audio use are set on each track of the output stage to guarantee that this amplifier can operate in purely Class A mode.

The audiophile elements and precise manufacturing processes used in the EF-6 play an important role in this amplifier's sound quality. And the 160 VA transformer and CLC filter provide great power for the amplification circuit.

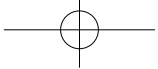
In addition, EF-6 employs robust construction of brushed aluminum and steel with a smooth CNC manufactured acrylic front panel.



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## Key Features and Specifications

- Dimensions: 13" (330 mm) Wide X 12.2" (310mm) Deep X 4.1" (105mm) High
- Weight: about 24 lbs. (10.75 KG)
- Power output: 5 watts of Class A amplification for superb sound quality
- Can easily drive the most demanding headphones
- Wide bandwidth, low distortion, S/N ratio greater than 95 dB
- Robust construction of brushed aluminum and steel
- Preamplifier features hand-made step attenuator and hand-selected resistors
- THD: 0.03% (1 w and 1 KHz)
- High-precision current mode potentiometer

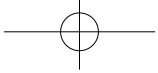


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## Front panel layout

- 1) Power switch: press in to turn the amplifier on, press out to turn off
- 2) Volume control: turn clockwise to increase volume, counter-clockwise to reduce volume
- 3) Feature selection: CD, AUX and LINE-IN
- 4) 6.35mm headphone jack: connect with 6.35mm interface headphone
- 5) Mini output jack: connect with the 3.5 interface audio signal
- 6) 4-Pin XLR OUTPUT: connect with 4-Pin balanced headphone (HE-6)



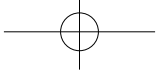


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## Rear panel layout

- 7) Input jacks: According to the key ③ chosen, choose corresponding L/R track
- 8) Gain switch: the gain will decrease by about 10db if the switch is on
- 9) 110 V and 220 V switching: select for your local power source
- 10) AC power connection: connect first before turning on power

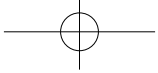




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## Caution

1. Before connecting, make sure your local power supply voltage matches the voltage of the supporting transformer. If not, or you are not sure, please contact your authorized HiFiMAN dealer.
2. Make sure the power switch on the front panel is in off position.
3. Connect the power cord to the amplifier.
4. Use an audio cable to connect the audio input jack of EF-6 and the output jack of the music source. Do not reverse the L/R channel orientation.
5. Turn the amplifier on and when the indicator light on the front panel turns from yellow to blue, it indicates that the protection circuit is working normally. Now you are ready to enjoy listening. Note: a red light indicates a fault. Check the fuse and replace if necessary (fuse specification: 2.5A/250V).
6. After shutdown, wait at least 5 seconds before turning the amp back on.
7. Proper operating environment: 14 °F to 104 °F (-10°C to 40°C ) with natural cooling.
8. Always keep children away from the amplifier. Keep the amplifier away from other dangerous or high-temperature fusible items, such as a lighter, butane gas tank, air freshener, insecticide, solid alcohol, gasoline and organic solvent, etc.



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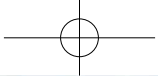
## Warranty

- One-year free repair when installed, set up and 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).

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