



EF499

Balanced Headphone Amplifier and DAC



User Guide

Hello

Thank you for choosing the HIFIMAN EF499, DAC and headphone amplifier

This Owners Manual will provide a helpful overview and
familiarize you with the product's features and proper usage.

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Important

1. Power voltage varies depending upon the region. Before connecting this product to a power source for the first time, please make sure the rated voltage on the panel corresponds to local voltage requirements. If not, the power supply should be turned off and the power cable disconnected before adjusting the voltage selector to conform to local standards. The value displayed on the voltage switch is the current voltage.
2. Firmly grasp the plug when the power cable is being unplugged. Do not pull the cable to unplug.
3. Do not operate with wet or oily hands.
4. This product should not be placed in a dusty, dirty environment. Never expose it to high humidity.
5. The plug should be unplugged if the product will not be used for an extended period.
6. Do not reverse the L/R channel while connecting with the audio devices.
7. To avoid hearing loss, always maintain a moderate listening volume when using headphones /earphones.
8. Be careful to ensure the EF499 is used only by adults who understand the proper option. Keep the Amp/DAC away from children. Likewise, high temperatures and potentially damaging chemicals and solvents such as butane lighters, gasoline, insecticides, etc. may cause irreparable damage to the EF499.
9. This product should not be disassembled or refitted by anyone other than HIFIMAN.
10. In the following situations, please disconnect the power supply from the product and contact HIFIMAN customer service.:
 - A. The power cable or plug is damaged.
 - B. The product has fallen to the ground or liquid has spilled into or on the equipment.
 - C. The product was exposed to an extremely humid environment.
 - D. The product does not seem to operate properly, or there is a noticeable change in performance.

Specifications

THD+N (Line out) : 0.008% (0dB)

Channel Separation: 95±3dB

Signal to Noise Ratio: 99dB (A Weighted, AP Open Loop Test)

Max Power Output: 4.35 WPC@32Ω balanced/
1.28 WPC@32Ω unbalanced

Weight: 3.3kg

Weight: 3.3kg

Dimension: see below graphic for all details





In-box Accessories

Power Cable x1

Note:

Specifications and features are subject to change without notice.

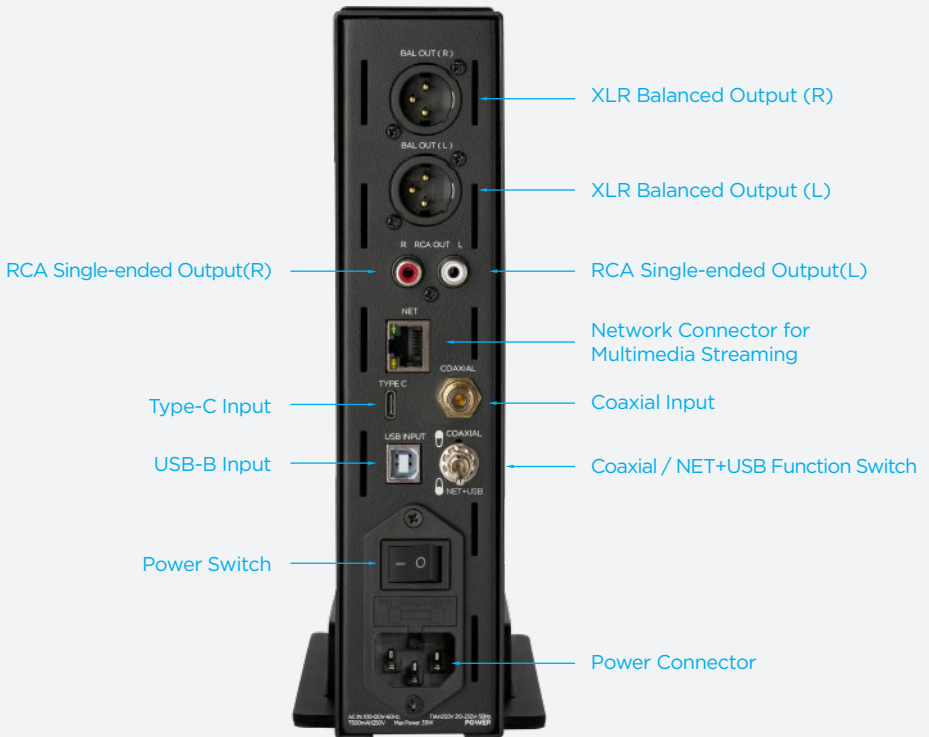


Front Panel Layout

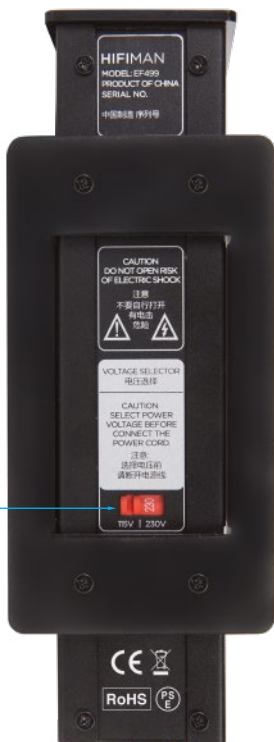


*** When operates the 4-level function switch,**
the corresponding functions of the LED lights (white) are:
High Gain NOS, High Gain OS, Low Gain OS, Low Gain NOS

Real Panel Layout



Bottom Panel Layout



AC 115V/230V
Voltage Selector

Important:

Power voltage varies depending upon the region. Before connecting this product to a power source for the first time, please make sure the rated voltage on the panel corresponds to local voltage requirements. If not, the power supply should be turned off and the power cable disconnected before adjusting the voltage selector to conform to local standards. The value displayed on the red voltage switch is the current voltage.

Connect to PC or Mobile Phone via USB Cable

Connect to PC

1. Connect the HIFIMAN EF499 to a PC with the appropriate USB cable.
(Note: USB charging cable is not applicable.)
2. When connected the PC will recognize the device. Confirm the HIFIMAN device is selected. If the device is not recognized, go to the PC's settings, search for Sound, and select the corresponding output device.
3. Launch the music application on your computer and enjoy.

* Note: For macOS, WIN10 and above, direct connection is quick and immediate.
For WIN XP and older, please visit <http://hifiman.com/services> to download the appropriate driver.

Connect to Mobile Phone

1. Connect the HIFIMAN EF499 to a mobile phone with the appropriate USB cable.
(Note: USB charging cable is not applicable.)
2. Confirm setup connection: The mobile phone should automatically recognize the device. If not, go to Developer Options and enable the USB Debugging option.
3. Launch the music application on the phone and enjoy.

HIFIMAN Limited Warranty

EF499 is warranted for a period of one year beginning with the original date of purchase. If you join the official HIFIMAN group 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.



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