

HIFIMAN | GOLDENWAVE

# GA-10

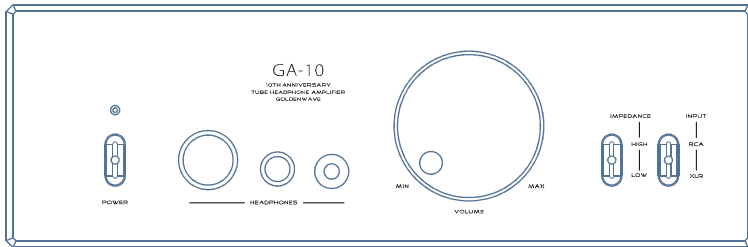
## Powerful Performance and Incredibly Vibrant Sound

GOLDENWAVE 10th Anniversary Masterpiece Headphone Amplifier



Owner's Guide

# Front and Rear Panel

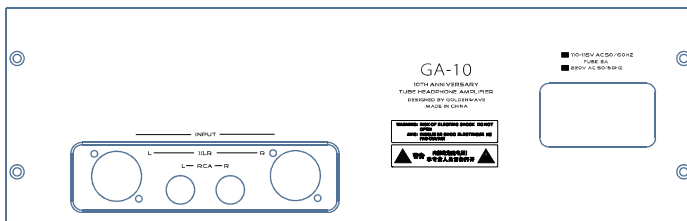


## ◆ Front Panel

- **POWER** - The Power Switch controls power to the entire unit.
- **VOUME** - The Volume Control, featuring an ALPS carbon film potentiometer, controls the headphone output volume.
- **IMPEDANCE** - The Headphone output's impedance switch lets the user select the best impedance match. When the headphone impedance is low, such as when it is less than or equal to 32 $\Omega$ , it is recommended to select LOW. When the headphone impedance is higher than 32 $\Omega$ , select HIGH.

Users are encouraged to choose the listening experience that best suits their preferences based on actual listening.

- **INPUT** - The Signal input selection switch on the rear panel selects between XLR and RCA analog signal inputs on the rear panel.
- **HEADPHONES** - The Heaphone output features three options that are in a parallel, simultaneous output state. The internal circuit is a single-ended amplification structure, providing different headphone interfaces for easy connection and to drive a variety of headphones.



## ◆ Rear Panel

- **POWER** - The Power Socket is a three-in-one combination socket for the input socket, fuse, and switch. This switch controls the power for the whole machine. The fuse specification is 5\*20MM, 2-3A/250V.
- Based on the internal circuit design requirements of GA-10, it is recommended that the voltage is no less than 220V and no more than 235V when used in a region with 220V power. When operated in a region with 110-120V power, the main voltage of the connector should be no less than 105V and no more than 125V in order to obtain the best performance.
- **INPUT/analog signal input** - the GA-10 provides two sets of XLR/RCA analog signal inputs that are selected via the INPUT switch on the panel.

## ◆ Specifications

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- Analog Signal Input: XLR \* 1 pair, RCA \* 1 pair
- Headphone Output Interface: 4-pin Balanced\*1, 4.4 Balanced \*1, 6.35mm Single-ended \*1
- Tube Model: 12AX7/ECC83\*4, 6P14/EL84\*4
- Maximum Input Level: 3Vrms@RCA, 6Vrms@XLR, GAIN=3;
- Frequency Response: 20Hz-24KHz( $\pm 0.5$ dB@1KHz)
- THD+N: 0.001%(2V<sub>in</sub>, GAIN=1-3, @1KHz);
- Output Power: 3000MW/300 $\Omega$ ; 600MW/32 $\Omega$ , @1KHz;
- Dimension: 330\*110\*380 (L\*H\*W, protrusions not included)

## ◆ Precautions and Notes

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- The unique operating characteristics of tube amplifiers mean they cannot continuously operate 24/7 like transistor amplifiers. To maximize their lifespan, do not operate for more than 24 hours in a single session.
- The GA-10 is a tube amplifier that uses an internal high-voltage power supply that operates at a high temperature. End-users should not open the case in order to avoid the risk of electric shock and burns.
- Tubes should be replaced only by certified repair specialists. Before replacement, be sure to remove the main power cord and turn the power switch to the off position.
- The inside of GA-10 operates under high temperature and high pressure conditions. The GA-10 must be powered down with the power cord removed for a minimum of 30 minutes before opening the cover. Otherwise, there is a risk of electric shock or injury.
- The GA-10 should be used only in well-ventilated, dry environments. Operating it in a humid environment may cause an electrical shock.
- **IMPORTANT:** Heat dissipation slots cover the left and right side, and the upper cover. It is essential that the machine be operated in a well-ventilated environment. Failure to do so may result in irreparable damage to the GA-10.
- The standard fuse used in the GA-10 is 5\*20mm in size and 2A/250V spec. It is strictly prohibited to replace the fuse with a wire as it will risk damage and void the warranty.
- If the equipment is stacked, please ensure that the GA-10 is at the top position and at a safe height.

## ◆ Accessories

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Power Cable x1

## HIFIMAN Limited Warranty

GA-10 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](mailto: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](mailto:customerservice@HIFIMAN.com).**

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