

GUSTARD

H26

Fully balanced headphone amplifier
User Manual



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Front Panel



① Power and mute switch: key switch, short press to turn on the power in off state, long press to turn off the power in on state.

Short press in power on state can enter and release mute.

② Volume and operation knob: volume in the normal state, clockwise increase, counterclockwise decrease.

Short press to switch the input channel, long press to enter the menu.

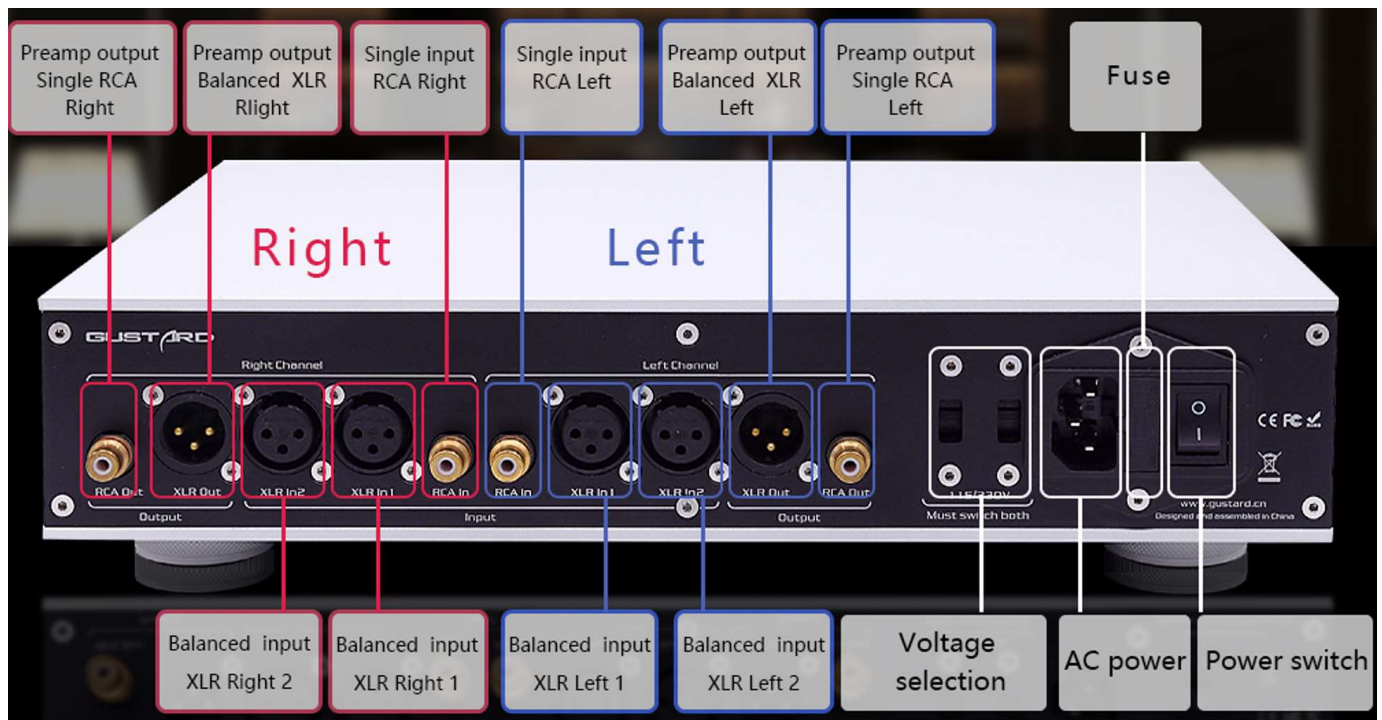
③ 4.4 balanced headphone jack

④ 6.35 single-ended headphone jack

⑤ XLR 4 pin balanced headphone jack: Pin 1=Left+ Pin 3=Right+
Pin 2=Left- Pin 4=Right-

⑥ Screen: Displays the current volume level, or to access menu operations.

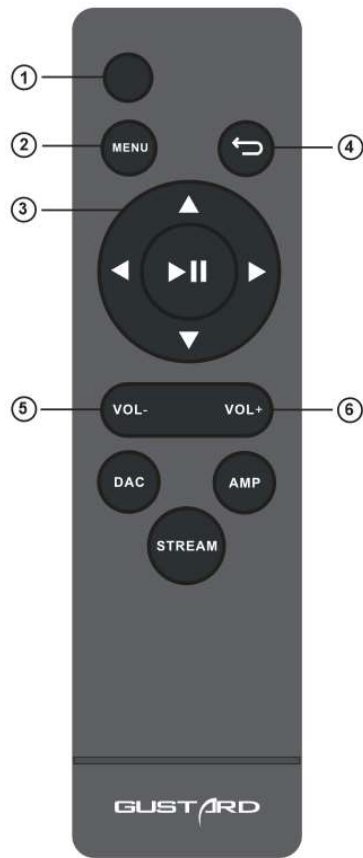
Back Panel



AC international voltage switching is a dual switch because there are 2 transformers inside. So when switching the supply voltage, both switches must be switched at the same time in the power off and power off state!!!!

!!! Otherwise you will damage the one transformer that has not been properly configured!!!!

Remote



*When using the H26's remote control for the first time, please press and hold the AMP button for more than 3 seconds to enter the operation mode of the headphone amplifier product.

① Power Button: Turn on the H26 power in the off state, or turn off the power in the working state .

② Menu button: Press this button to enter the function setting menu of H26 headphone amplifier.

③ 4-Direction Button: By pressing the up/down button, you can switch the input channel

When entering the menu of H26 headphone amplifier, switch the entry by up/down and left/right to adjust the options.

④ Return button: return to the volume display.

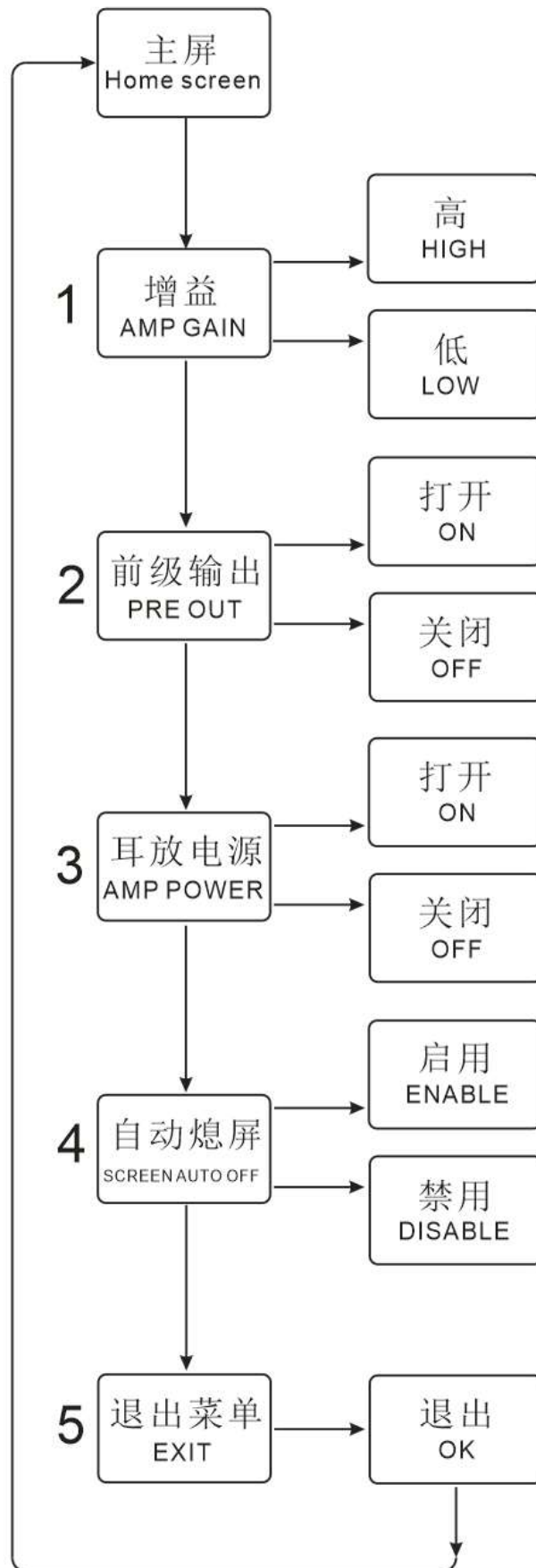
⑤ Volume down button: when the H26 headphone amplifier is in volume display, press this button to reduce the output volume.

⑦ Volume up button: when the H26 headphone amplifier is in the volume display, press this button to increase the output volume.

Note:

- The operating distance varies depending on the angle
- If there are objects between the remote control and the sensor, it may not operate properly
- If the remote control will not be used for a long period of time (one month or more), remove the batteries
- If the batteries are leaking, thoroughly clean all residue in the battery compartment and install new batteries
- When other devices controlled by infrared light are being used, the use of this remote control may misoperate those devices

Menu



Balanced headphone connections.

For best drive performance, it is recommended that the headphones be driven using a balanced pair of wires (positive and negative phase) independent of each channel. When connecting balanced headphones, you need to avoid midpoint or common ground connections.

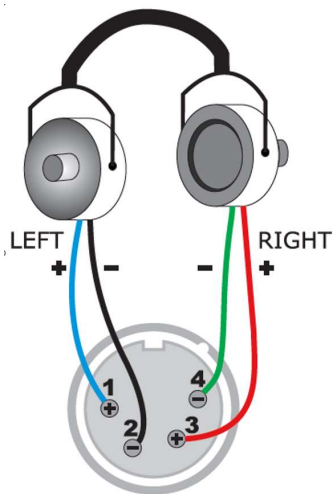
The H26 headphone amplifier provides two different connectors for connecting balanced headphones, with specific pin assignments as shown below:

1. 4-pin XLR connector (male).

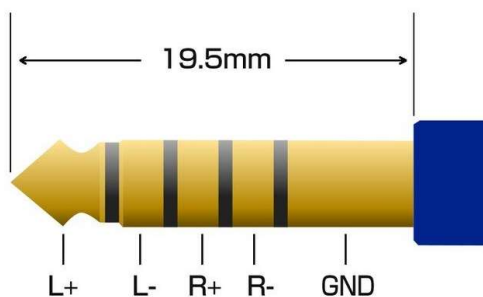
Example: Neutrik NC4MC-B connector.

Signal connections are as follows:

Pin 1=Left+ Pin 3=Right+
Pin 2=Left- Pin 4=Right-

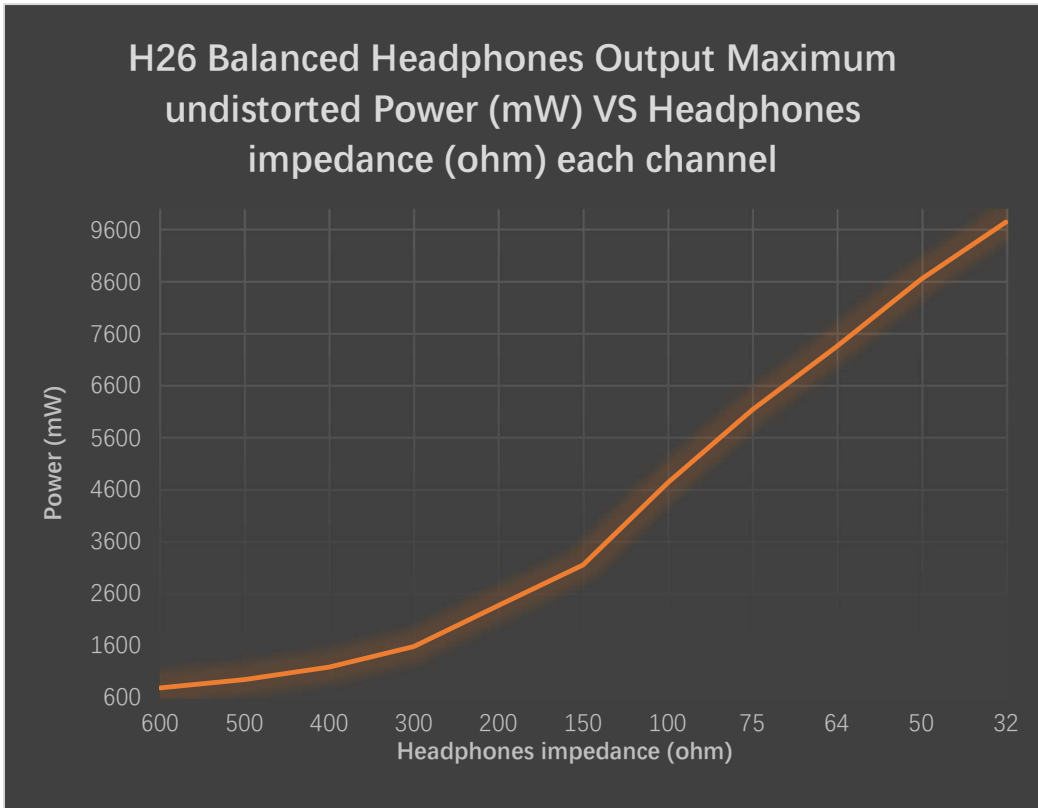


2. 4.4 jack

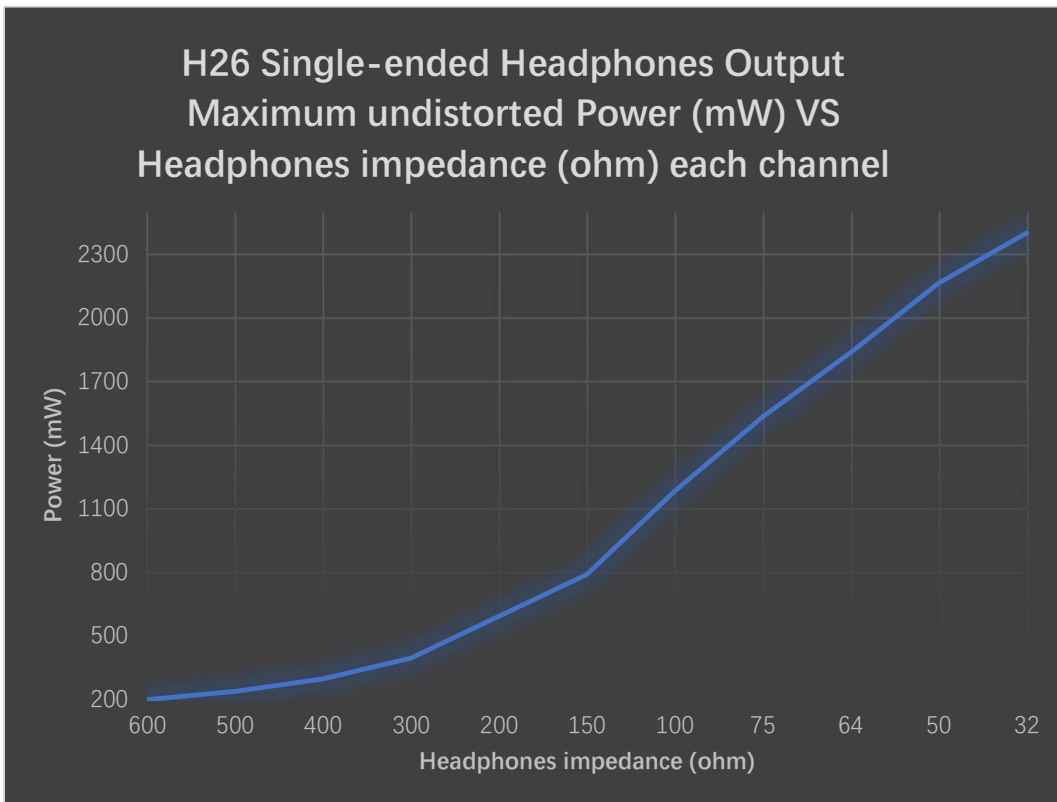


Output power vs. impedance graph

Balanced



Single-ended



Specifications

Line-in

RCA standard input x1, input sensitivity typical: 2-3Vrms; input impedance 4k Ω

XLR balanced input x2, input sensitivity typical: 4-6Vrms, maximum 12Vrms; input impedance 8k Ω

Preamp-out

Output Impedance 100 Ω (XLR&RCA)

Frequency Response: 20-80kHz /-0.1dB

Signal-to-noise ratio: >123dB

Crosstalk: -123dB @ 1kHz

THD+N: <0.0002%

IMD: <0.0003%

XLR pinout: XLR 1-Ground 2-Hot 3-Cold

Headphone-out

Single-ended output impedance (6.35mm): 0.05 Ω

Balanced output impedance (XLR 4 PIN or 4.4): 0.1 Ω

Frequency Response: 20-80kHz /-0.1dB

Signal-to-noise ratio: >122dB

Crosstalk: -112dB @ 1kHz

THD+N: <0.0005% @9700mW into 32 Ω LOAD

IMD: <0.0005% @9700mW into 32 Ω LOAD

Maximum undistorted output power 9700mW into 32 Ω LOAD

Maximum output power 12000mW @32Ω (when THD=1%)

Load power (per channel)

64Ω 7350mW

150Ω 3152mW

300Ω 1576mW

600Ω 788mW

Others

AC power supply: AC 115V/230V 50/60Hz (manually adjustable)

Power consumption of the whole machine: ~30W

Size: W330mm * H65mm * D260mm (excluding protruding parts)

Weight: 7Kg (including packaging)

Product Warranty

You will enjoy the 2-year free warranty and lifetime maintenance after the date purchasing GUSTARD's product.

*** The manufacturer bears only the freights from Chinese mainland. Part of the freight and tax generated from overseas will be solved by the user with the dealer negotiation.**

Free Warranty Service

GUSTARD's products from the purchasing date in the free warranty period, the user uses the product in normal, and the product fails due to component quality or manufacturing problems.

Beyond the Warranty Service

Belonging to one of the following circumstances, products are no longer provided warranty service.

- a. Products from the date of purchase has exceeded a predetermined warranty period.**
- b. Model, barcodes and purchase date do not match the actual product and warranty card.**
- c. Without GUSTARD technician permission, unauthorized modifications to the circuit, components or self-repaired product.**
- d. Damaging caused by irresistible natural forces.**
- e. Beyond the permitted use of environmental damage.**
- f. Damaging due to incorrect use or improper storage. Including but not limited to: the voltage is too high to burn the circuits or components; Bumping and resulting in damaging the shell or internal; damaging due to water, oil, liquid and excessive dust; product oxidation or corrosion, etc.**
- g. Beyond the warranty period, such as an individual component damage, appearance due to human damage, firmware modifications lead to unable to work by unauthorized users. GUSTARD commits to take reasonable maintenance fees (except large area components or circuit board burned beyond repair). Freight and maintenance costs, material costs are required the user to bear.**