

HEAD A

Aurorasound

Balanced Drive Headphone Amplifier

- Super-high Dynamic Range with Absolute Quiescent mode and Superb Channel Separation
- Rendering of 3-dimensional and High Resolution express Artists' every nuance and presence



FEATURE

- Powerful driving capability with BTL balanced drive configuration.
- Independent L/R block with 4-wire circuit design for excellent sound stage and positioning.
- 4-pin XLR and 3-pin XLR, plus 1/4" unbalance standard headphone jack accommodate universal application.
- Capable of driving various types of headphones covering wide range of sensitivities and impedances by selecting between High-gain and Low-gain position.
- Employing four Aurora Amp Modules which take advantage of the best benefits of transistors and JFETs, achieving super-high dynamic range with ultra-low distortion and quiescent level.
- Extremely stable power-supply with use of an ultra-low noise/low impedance regulator coupled with a toroidal transformer.
- Aluminum chassis encased in a Wooden cabinet exude an aura of mid-century-like dignity.
- Machine-tooled/rhodium-plated RCA jacks, Neutrik XLR Connectors, Solid Metal-foot-Insulator, Aluminum Knob promote classy appearance of HEAD A.

Aurorasound Inc.

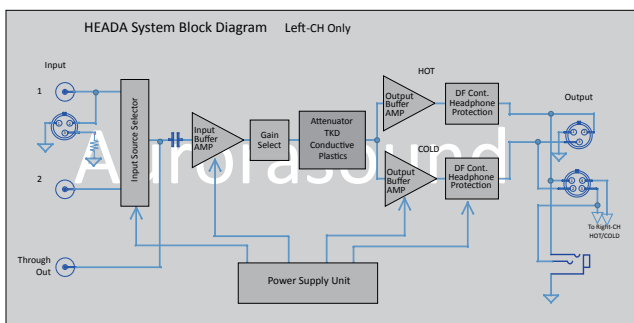
www.aurorasound.jp

Derive the Maximum Potential of Headphones

The balanced-drive configuration, having an independent circuit block, one each for L & R, assures no leakages between L & R due to no common-ground design. It has superb impulse response characteristic with high S/N ratio. HEADA is equipped with four Aurorasound's uniquely designed high-performance discrete amp modules in order to accommodate high-resolution music sources which have wide dynamic range and frequency range.

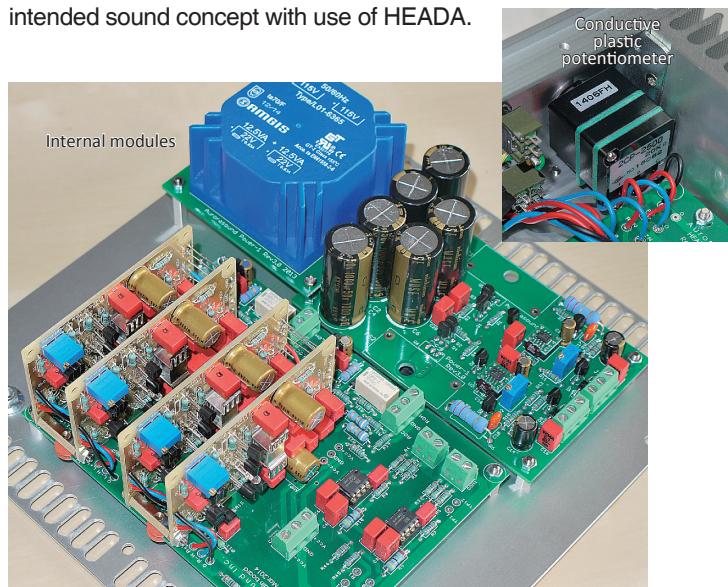
The volume control is of pro-use type, manufactured by Tokyo Ko-on Denpa, widely used in recording equipment. The large size conductive-plastic potentiometer characterizes dB curve, which allows not only a smooth feeling, but also a precise volume setting even at low-level. It also provides a perfect balance between L/R without gang-errors.

The power supply uses a toroidal transformer and schottky barrier diodes with high-speed and low noise precision power supply circuit, which effortlessly supports the energy supply base for unprecedented performance of HEADA.

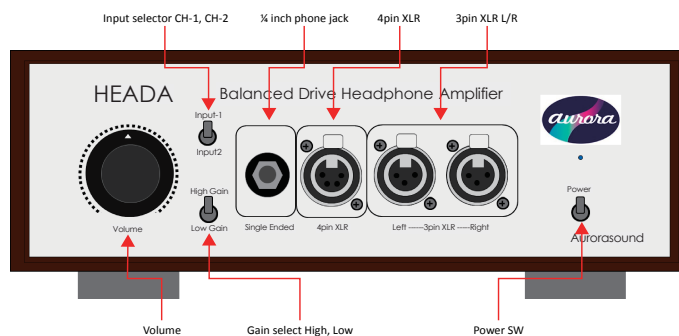


Artists' Life-like Presence

The wooden cabinet exudes an aura of mid-century-like dignity, coupled with machine-tooled rhodium-plated RCA jacks, an extruded aluminum knob, and brass anti-vibration insulator to achieve the ultimate performance without any compromises at all. Excellent 3-dimensional sound image, and extremely high speed response permit reproduction of sound from absolute silence to fortissimo spontaneously. Yet, it returns to absolute quiescence which is attributable to a super-high dynamic range. Please enjoy the artists' life-like sound. You can almost grab in your hands the images of musical instruments such as bass and drum, etc. In addition, you can capture the recording mixing engineers' intended sound concept with use of HEADA.



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Please note that the specs may change without notice.



Versatile Design for Any Headphones

There are two input channels, CH-1 has XLR balanced input as well as RCA connector. The unit has a through-output terminal which delivers the input signal directly to the output. The balanced output can accept both 4-pin XLR and 3-pin XLR, also an unbalanced 1/4" standard phone output is provided making HEADA an universal headphone amplifier. Unlike speakers, headphones' impedances and sensitivities vary widely, therefore, in order to satisfy any type of headphones to guarantee the best performance the maximum output delivers 2Wx2 power, and gain is selectable between LOW and HIGH. It can drive headphones with impedances from 16Ω to 600Ω.

For your convenience, Aurorasound introduces a manual describing how to modify your headphones to balance type. It is limited to L/R independent cable output. Please visit Aurorasound home page for more details.

Specifications

| | | |
|--------------------|------------------------------|----------------|
| Output power | Balance out | 2,000mWx2/ 40Ω |
| | | 800mWx2/600Ω |
| Unbalance out | 1,000mWx2/ 40Ω | |
| | | 240mWx2/600Ω |
| THD+N | Balance out | 0.004% 1kHz |
| | Unbalance out | 0.004% 1kHz |
| Input impedance | 1Vrms, 47kΩ for CH1 and CH-2 | |
| Frequency response | 10Hz - 120kHz -1.5dB | |
| AC power | AC100V -120V (50/60Hz) 40W | |
| | For Japan and USA model | |
| | AC220V - 240V (50/60Hz) 40W | |
| | For Europe and Asia model | |
| Size | W260 x D250 x H100mm | |
| Weight | 3.5kg | |

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