



## A08 Class D Integrated Amplifier

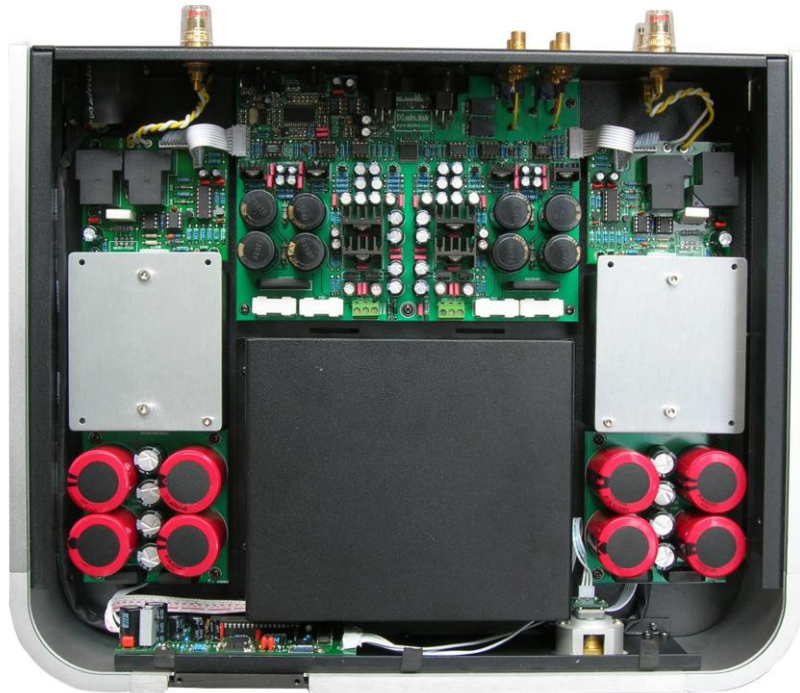


A08 is a dual/mono channel integrated Amplifier. It adopted the 300W linearity power ICEpower250A amplifying module as the power amplification.

ICE power is a breakthrough of the technology which digital amplification is based on PAM (Pulse Amplitude Modulation) and overcome the shortages of D class amplifiers' sawtooth wave distortion... to realize the digital conversion with higher precision and lower distortion. At the same time, to express the advantages of small size, lower heat, and large power.

A08 has rich signal-input channels, meanwhile with the analogue RCA single-end input; the real-balance signal input interface, as well as the optical and digital coaxial input interface. Audio frequency signal volume is controlled by the chips with high precision and low distortion, each stage is  $\pm 0.5\text{dB}$ , the distortion is 0.0002% per 1KHz. Both the pre-amplification and power supply are designed as independent dual/mono channel with the advantages of eliminating the interruption between the right & left channels thoroughly to get a clearer and transparent with more details.

Pre-stage circuit procedure's structure design adopted the buffering, signal amplification and real balance output structure, together with the high-quality of integrated OPPOMA to form the voice colour typical signal amplification circuit. The device is reasonably designed with rarefied layout among the modules with small interruption and high separation. All the resistances are hand selected with the military-level items with high precision and low noise. The capacitors adopted are also high grade for audio-frequency (with total volume of 9000uF). Another feature of this device is the power conversion rate can reach over 80% to achieve the goal of save energy and environment protection. Meanwhile the controlling is insured to be feasible, accurate and reliable.



- Power Output: 105W per channel at 8ohm
- THD: less than 0.09%
- SNR: more than 99dB
- Frequency Response: 20Hz~20KHz ( $\pm 0.3$ dB)
- Static Power Consumption: 27W
- Net Weight: 14.2kg