

audiolab 6000A Aluminium Silver Integrisano Pojačalo

Šifra: 16394

Kategorija proizvoda: Integrisana Pojačala

Proizvođač: Audiolab

Cena: 65.880,00 rsd

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Sound of Science

Outwardly, the 6000A bears strong resemblance to the 8300A with its rotary controls and large, central OLED display. Unlike its costlier, analogue-only sibling, it incorporates high-quality D/A conversion, enabling digital sources to be connected directly without an external DAC. It supplies four digital inputs, three line-level analogue inputs, an input for a turntable, wireless connectivity via Bluetooth and a dedicated headphone amp, in addition to its ability when driving loudspeakers.

Digital Circuitry

Much effort has been made to ensure the 6000A's digital circuitry delivers the level of quality one might expect of a high-performance standalone DAC. As ever, Audiolab has turned to the ES9018 Sabre32 Reference chip family to perform D/A conversion, utilising ESS Technology's 32-bit HyperStream architecture and Time Domain Jitter Eliminator to deliver ultra-low noise and high dynamic range.

Analogue Circuitry

The 6000A's discrete Class AB power amp stage delivers 50W per channel into eight ohms, with a maximum current delivery of 9 Amps into difficult loads. The output stage of the discrete power amp circuits uses a CFB (Complementary Feedback) topology, ensuring superior linearity and excellent thermal stability, as the idle current is kept independent of the temperature of the output transistors. A substantial 200VA toroidal transformer, followed by 4x15000uF reservoir capacity (60000uF in total), helps the amp to maintain firm control of the music whilst enabling excellent dynamic range.

Turntables and Headphones

In recognition of the recent vinyl revival, Audiolab has included a phono stage for moving magnet phono cartridges - a high-quality, low-noise, JFET-based circuit with precise RIAA equalisation. Similarly, an increasing number of people are using headphones for music listening, so Audiolab has incorporated a dedicated headphone amp with current-feedback circuitry.

Gain (Max)

Input Sensitivity

Input Impedance

Total Harmonic Distortion (THD)

Frequency Response

Output Voltage

Signal-to-Noise Ration (S/N)

Digital to Analogue Conversion

D to A converter

Total Harmonic Distortion (THD)

Output Level (0dBFS, 1KHz)

Max. Sampling Frequency

Signal-to-Noise Ratio (S/N)

Digital Filters

Power Amplifier Section

Gain

Rated Max. Power Output

Frequency Response

Input Sensitivity

Total Harmonic Distortion (THD)

Signal-to-Noise Ratio (S/N)

Max. Output Current

Headphone Amplifier

Total Harmonic Distortion (THD)

Output Impedance

Load impedance

General

Standby Power Consumption

Power Requirements

Dimensions (mm) (W x H x D)

Carton Size (mm) (W x H x D)

Weight