

HALO-2B300

AMPLIFIERS

Networkable Amplifiers



A&E SPECIFICATIONS

The amplifier shall be an energy-efficient two-channel Class-D networked power amplifier with integrated DSP. It shall deliver 2×300 W at 4Ω or 8Ω . The two channels shall be bridgeable to provide 600 W at 8Ω , 600 W at 70 V or 550 W at 100 V. Programmable auto-standby and selectable sleep functions shall be included.

It shall provide four balanced analogue inputs, four Dante®/AES67 inputs and outputs, two balanced auxiliary outputs and a 4×4 digital matrix. Analogue inputs and auxiliary outputs shall use 3-pin Euroblock connectors, amplified outputs shall use 2-pin Euroblock connectors, and two switched Gigabit Ethernet ports shall provide network audio, control and daisy-chaining.

The integrated DSP shall include 12-band parametric equalisation on inputs and outputs, 8-band graphic equalisation on outputs, crossovers, output delays of up to 1 second, configurable peak and RMS limiters, and 20 presets. Configuration, control and monitoring shall be available through an embedded web application, with support for custom user panels, event scheduling, iOS, Android and web remote control, EclerCLOUD and Ecler PULSO Series control panels. A microSD audio player and four 0–12 V GPI ports shall also be included.

The amplifier shall incorporate DC, high-frequency, short-circuit, clipping, long-term overload and thermal protection. It shall use fan-assisted cooling and operate from a 100–240 V AC, 50/60 Hz supply through an IEC C14 inlet. The 1U chassis shall be suitable for desktop or 19-inch rack installation. Dimensions shall be $482.5 \times 44 \times 405.6$ mm including handles, or $482.5 \times 44 \times 372$ mm excluding handles, and the weight shall not exceed 4.9 kg.

The amplifier shall be the ECLER HALO-2B300.

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