

AURA-8B150

COMMERCIAL AMPLIFIERS

Multichannel LoZ & HiZ Amplifier



A&E SPECIFICATIONS

The amplifier shall be a multichannel Class D power amplifier providing eight output channels, each capable of delivering 150 W at 4 ohms.

The unit shall support selectable low impedance loads (2Ω , 4Ω , 8Ω) and high impedance distributed lines (70V/100V), as well as bridge mode operation up to 300 W per channel pair.

The amplifier shall include eight balanced analogue inputs via Euroblock connectors and eight corresponding outputs. Input link functionality shall allow routing of the first input across channels for flexible signal distribution.

Performance specifications shall include a frequency response from 15 Hz to 30 kHz (-3 dB), total harmonic distortion below 0.1%, and a signal-to-noise ratio of 94 dBA.

The amplifier shall feature Class D amplification with integrated switched-mode power supply including power factor correction, as well as automatic standby for energy saving and fan-based cooling.

Built-in protections shall include AC, DC, high-frequency, short circuit, thermal protection and clip limiting.

Front panel controls shall include per-channel attenuators with lock capability, power control, and standby activation. Visual monitoring shall be provided through LED indicators for signal status, clipping, protection, and operation states.

The unit shall be designed for installation in a 19-inch rack (1RU) and shall operate on a universal 100–240 VAC power supply with IEC C14 inlet.

The amplifier shall be the Ecler AURA-8B150.