

AURA-8B300

COMMERCIAL AMPLIFIERS

Multichannel LoZ & HiZ Amplifier



A&E SPECIFICATIONS

The amplifier shall be a multichannel Class D power amplifier capable of delivering eight independent output channels with a nominal power of 300 W per channel at 4 ohms.

The unit shall support both low impedance (2Ω , 4Ω , 8Ω) and high impedance (70V/100V) operation selectable via rear panel configuration, and shall allow bridge mode operation delivering up to 600 W per channel pair.

The amplifier shall include eight balanced analogue inputs via 3-pin Euroblock connectors and eight outputs via 4-pin Euroblock connectors. Each input shall feature an input link selector for routing the first input signal across multiple channels.

The unit shall provide a frequency response from 15 Hz to 30 kHz (-3 dB), with total harmonic distortion plus noise below 0.1%, and a signal-to-noise ratio of 100 dBA.

The amplifier shall incorporate Class D topology with high efficiency operation, including auto standby functionality, power factor correction (PFC), and forced-air cooling using internal fans.

Protection circuits shall include AC, DC, high-frequency, short-circuit, thermal protection, and clip limiting.

User controls shall include front panel level controls per channel with optional lock function, power switch, and standby control. Visual monitoring shall be provided via LED indicators for signal presence, clipping, protect, standby and link status.

The amplifier shall be suitable for 19-inch rack installation with 1RU height and shall operate from a universal 100–240 VAC power supply with IEC C14 connector.

The amplifier shall be the Ecler AURA-8B300.