

Dante-Powered 2-Channel Class D Amplifier with DSP

150W Class D Amplifier with Dante 2CH I/O, Built-in DSP & Lo-Z/Hi-Z Speaker Outputs

MPN: AUD-DTE-2CHAMP



Deliver network audio directly to speakers with a compact, DSP-equipped Class D amplifier featuring Dante 2-channel digital I/O. The KanexPro AUD-DTE-2CHAMP is a 150W Class D amplifier that decodes Dante network audio and drives low-impedance (4Ω/8Ω) stereo speakers or constant-voltage (70V/100V) distributed speaker lines — with balanced analog line-level I/O for legacy integration.

Built-in DSP provides 31-band graphic EQ, per-output delay (0–50ms), independent input gain and volume control, and five recallable presets. The amplifier accepts Dante PCM 2-channel audio at up to 96KHz/24-bit alongside balanced stereo line input. A rear-panel speaker impedance switch selects Lo-Z stereo (2×75W @ 4Ω/8Ω), bridged mono (1×150W @ 8Ω), or Hi-Z constant voltage (1×150W @ 70V/100V). Control via RS-232, LAN, and Web GUI. 5–12V trigger input and auto standby for energy-efficient installations. Half-rack/full-rack mountable.

<p>150W Class D Amplifier</p>	<p>Dante 2CH In/Out 96KHz/24-bit</p>	<p>DSP 31-Band GEQ 5 Presets</p>	<p>Lo-Z/Hi-Z 4Ω/8Ω Stereo 70V/100V</p>	<p>Control RS-232 / LAN Web GUI</p>
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KEY FEATURES

- Dante 2-channel digital audio input and output (PCM, 44.1K–96KHz, 16/24-bit) for seamless networked audio distribution
- Balanced or unbalanced stereo line-level analog input and output (max 2Vrms) for integration with legacy analog sources and processors
- Class D amplifier delivers 2×75W @ 4Ω/8Ω stereo, 1×150W @ 8Ω bridged mono, or 1×150W @ 70V/100V constant voltage
- Rear-panel speaker impedance switch selects Lo-Z (4Ω/8Ω) or Hi-Z (70V/100V) output mode without reconfiguration
- Built-in DSP with 31-band graphic EQ (–10 to +10dB), per-output delay (0–50ms), independent input gain and master volume control
- Five recallable presets store complete audio configuration for rapid scene switching in multi-use spaces
- 5–12V trigger input for external mute control; auto standby (0–120 min) for energy-efficient operation
- Control via RS-232 (115200 baud), LAN (Web GUI), and TCP/IP (port 8000) — half-rack/full-rack mountable

SPECIFICATIONS

Amplifier Type	Class D • 150W max
Output Power	2×75W @ 4Ω/8Ω • 1×150W @ 8Ω bridged • 1×150W @ 70V/100V
Dante Audio	PCM 2CH In/Out • 44.1K–96KHz • 16/24-bit
Analog Audio	Balanced 2CH In/Out • Max 2Vrms • 0dBu/10kΩ
DSP	31-band GEQ • Per-output delay (0–50ms) • 5 presets
Frequency / SNR	20Hz–20kHz ±3dB • 87dB SNR • THD+N 0.04%
I/O Connectors	1× LINE IN • 1× LINE OUT (5-pin Phoenix) • 1× DANTE (RJ45) • 1× 4/8Ω OUT • 1× 70/100V OUT (4-pin Phoenix)
Control	RS-232/TRG (5-pin Phoenix) • LAN (RJ45) • Web GUI • TCP/IP port 8000
Enclosure	Aluminum front / Metal rear • Black • 240×210×44 mm • 1.88 kg
Power	AC 100–240V 50/60Hz • 240W max
Environment	32–104°F (0–40°C) • 20–90% RH

PACKAGE CONTENTS

1× 150W Class D Amplifier • 3× 5-pin 3.81mm Phoenix Connectors • 2× 4-pin 5.08mm Phoenix Connectors • 6× Mounting Ears • 24× Machine Screws • 1× AC Power Cord (1.5m) • 1× Product Manual



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