

150W Class D Amplifier with DSP and Dante®

Dante® 2-Channel, Lo-Z 2×75W / Hi-Z 150W 70V/100V, 31-Band GEQ, RS-232/Web GUI

MPN: AUD-DTE-2CHAMP



APPROVED OVERVIEW

150W Class D amplifier with built-in DSP and Dante® audio networking for professional installed sound. Powers low-impedance speakers at 2×75W stereo (4Ω/8Ω) or bridges to 150W mono for 70V/100V constant-voltage distributed speaker lines. Dante® 2-channel digital audio I/O plus balanced/unbalanced analog line-level I/O provide flexible integration into networked AV systems.

Built-in audio DSP with 31-band graphic EQ, configurable delay, and mixer. Independent input gain, output EQ, delay, and volume per channel. 5 preset scenes for quick recall. 48kHz/24-bit A/D and D/A converters. 5–12V trigger input for external power-on/mute control. Auto standby with 0–120 minute configurable timer. Control via RS-232, LAN (TCP/IP), and Web GUI. Half-rack mountable (240 × 210 × 44 mm, 1.88 kg, 240W max).

1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators, system designers, and IT managers deploying Dante®-networked installed sound.

THE CHALLENGE

Amplifying Dante® networked audio to speakers (Lo-Z stereo or Hi-Z 70V/100V distributed) with DSP processing in a compact, controllable package.

THE KANEXPRO ADVANTAGE

Dante® + Class D 150W + switchable Lo-Z/Hi-Z + 31-band GEQ + 5 presets + trigger + Web GUI in half-rack form factor under \$800.

2 PRODUCT POSITIONING

The compact Dante® Class D amplifier that delivers 150W with built-in DSP, switchable Lo-Z/Hi-Z output, and network control — replacing a separate amp + DSP + network bridge at half the rack space.

3 APPLICATIONS

Houses of Worship

Power sanctuary or overflow speakers from Dante® audio network. 70V/100V mode for distributed ceiling speakers. 31-band GEQ tunes room acoustics. Web GUI control from the sound booth.

Conference & Boardroom

Drive ceiling speakers from a Dante®-enabled presentation switcher or DSP. Lo-Z stereo for near-field monitors or Hi-Z for distributed speakers. RS-232 integrates with Crestron/Extron.

Education & Classrooms

Amplify instructor audio from a Dante® network to classroom speakers. 70V/100V mode for multi-room distributed audio. 5 presets for lecture, video, and music modes.

Retail & Hospitality

Background music and paging via Dante® network. 70V/100V for distributed ceiling speakers across zones. Auto standby saves energy during off-hours.

Corporate Campus

Networked audio distribution across meeting rooms and common areas. Dante® scales to hundreds of endpoints. Web GUI enables remote monitoring and control.

Broadcast & Production

Monitor amplifier fed from Dante® network. Balanced line I/O integrates with mixing consoles. Trigger input for tally-based muting.

4 WHO THIS IS FOR

Houses of Worship

Corporate AV

Education

Hospitality

Broadcast

Retail

Ideal User

AV integrator / sound contractor

Project Types

Worship, corporate, education, hospitality, retail, broadcast

Typical Buyer

AV consultant / IT director

5 KANEXPRO PRODUCT COMPARISON

The AUD-DTE-2CHAMP is a compact Dante amplifier with switchable Lo-Z/Hi-Z and DSP.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DTE-2CHAMP	150W Dante Amp	2×75W Lo-Z or 150W 70V/100V, DSP, Dante, RS-232	This product

Choose AUD-DTE-2CHAMP for Dante-networked amplification with DSP, 70V/100V support, and half-rack form factor.

6 FREQUENTLY ASKED QUESTIONS

Q: Lo-Z vs Hi-Z?

Rear switch: Lo-Z stereo (2×75W) or Hi-Z mono (150W at 70V/100V).

Q: DSP?

31-band GEQ, delay, mixer, 5 scene presets.