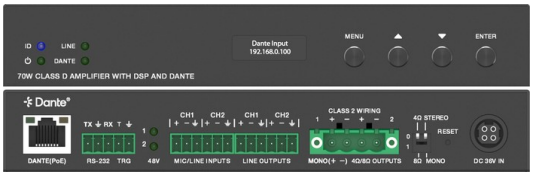
70W 2-Channel Class D Amplifier with Dante

2x35W Stereo or 70W Mono into 4/8 ohm, Dante 2x2, Mic/Line Input with 48V Phantom, PoE++ or 36V Power

MPN: AUD-DTE-70AMP



Puts a powered Dante speaker zone in the room on one network cable, with no rack amplifier and no separate Dante interface. The AUD-DTE-70AMP is a two-channel Class D amplifier for low-impedance speakers. It delivers 2 × 35W at 4/8 ohm in stereo or 1 × 70W in bridged mono from its 36V supply, and 2 × 25W on IEEE 802.3bt Class 8 PoE++ alone. It comes in a compact black metal enclosure measuring 7.09 × 4.65 × 1.10 in, with mounting ears. It is the right choice for meeting rooms, classrooms, hospitality and worship spaces where one-cable installation, a local mic input and in-room DSP matter more than 70V/100V distributed-line reach.

A single RJ45 port carries Dante 2×2 and AES67 audio at 44.1kHz to 96kHz, 16- or 24-bit, along with PoE, TCP/IP control and RelayAV control. The two-channel MIC/LINE input accepts balanced or unbalanced sources and supplies 48V phantom power for condenser microphones. The amplifier sends a presenter mic back onto the Dante network and ducks program audio under the voice. The DSP routes four inputs and two mixers to six outputs (Dante, line and speaker), with an 8-band parametric EQ, up to 50ms of output delay, five presets, auto standby with signal sensing and a 5–12V trigger input that disables the amplifier output. The unit is controlled over RS-232, TCP/IP, RelayAV (routing, volume, mute and delay for each output, the mixers, EQ, presets and standby) or the front-panel LCD and buttons, and a balanced or unbalanced line output cascades to a second amplifier for larger rooms.

One Cable	70W Class D	Mic Ready	Built-in DSP	Dante + AES67
Dante audio, PoE++ power and control on a single RJ45	2 x 35W or 70W bridged mono at 4/8 ohm	48V phantom with mic-to-Dante and ducking	8-band PEQ, mixing, matrixing, 50ms delay	2x2 network audio with RelayAV control

KEY FEATURES

- 2 x 35W stereo or 1 x 70W bridged mono into 4/8 ohm (36V supply)
- Dante 2x2 and AES67, 44.1-96kHz, 16/24-bit
- Powered by 802.3bt PoE++ Class 8 (2 x 25W) or 36V DC
- MIC/LINE input with 48V phantom power, switchable per input
- Sends local mic onto Dante; ducks program audio under the voice
- DSP: 4 inputs + 2 mixers to 6 outputs, 8-band parametric EQ, up to 50ms delay
- Line output for cascading a second amplifier
- Control by RS-232, TCP/IP, RelayAV or front-panel LCD; 5 presets

SPECIFICATIONS

Amplifier Type	Class D
Output Power (36V DC)	2 x 35W stereo; 70W mono (4/8 ohm)
Output Power (PoE++ Class 8)	2 x 25W stereo; 50W mono (4/8 ohm)
Dante/AES67	2x2, 44.1kHz-96kHz, 16/24-bit
Dante Latency	2, 3, 4, 5 or 10ms
Line Input	Balanced/unbalanced, max 24dBu balanced
Mic Input	Min -35dBV balanced, 48V phantom
Line Output	Max 2V RMS, balanced/unbalanced
Frequency Response	20Hz to 20kHz (+/-0.5dB)
THD+N / S/N	<0.01% at +4dBu, 1kHz / >100dB
Control	Front panel, RS-232, TCP/IP (port 8000), RelayAV
Dimensions / Weight	7.09 x 4.65 x 1.10 in (180 x 118 x 28 mm) / 1.48 lbs (0.67 kg)
Package Contents	1x 2 × 35W Class D Audio Amplifier (AUD-DTE-70AMP) • 2x 6-pin 3.5mm Phoenix connector (male) • 1x 5-pin 3.5mm Phoenix connector (male) • 1x 4-pin 5.08mm Phoenix connector (male) • 2x Mounting ears • 4x Machine screws • 1x 36V/2.5A multinational power supply, 4.9ft (1.5m)

APPLICATIONS

Meeting Rooms	Classrooms	Hospitality Breakouts	Worship Overflow Rooms	Retail Zones
Ceiling speakers on one PoE drop	Ducks program audio under the mic	Local EQ and trigger muting	Delay aligned to the main room	Mono 70W for one speaker zone