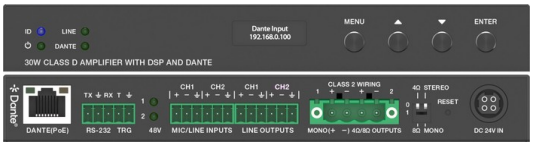
30W 2-Channel Class D Amplifier with Dante

2x15W Stereo or 30W Mono into 4/8 ohm, Dante 2x2, Mic/Line Input with 48V Phantom, PoE+ or 24V Power

MPN: AUD-DTE-30AMP



Drives a pair of 4 ohm or 8 ohm speakers straight from the Dante network, with audio, control and power arriving on a single PoE+ cable. The AUD-DTE-30AMP is a compact metal Class D amplifier, 7.09 × 4.65 × 0.91 in, that delivers 2x 15W stereo or 1x 30W bridged mono from its local 24V supply, and 2x 9W or 18W mono from a PoE+ (IEEE 802.3at Class 4) switch port alone. It is small enough to sit above a ceiling tile or behind a display, with no rack space and no local outlet needed on PoE. It is the right choice for huddle rooms, classrooms, offices and small paging zones where one network drop, a microphone input and room-level DSP matter more than rack-scale power or channel count.

The AUD-DTE-30AMP is a Dante 2x2 and AES67 device, not a receive-only endpoint. Its two Mic/Line inputs, with 48V phantom power, are sent back onto the network, so a paging or voice-lift microphone reaches the room DSP, lecture capture or other zones from the same box that powers the speakers. The built-in DSP handles input gain, two mixers, a six-output matrix, ducking, 8-band parametric EQ and up to 50ms of output delay, and five preset scenes store complete room setups. A balanced or unbalanced line output cascades the feed to further analog equipment. The unit is controlled from its front-panel buttons and LCD, an RS-232 API, TCP/IP or RelayAV (routing, volume, mute and delay for each output, the mixers, EQ, presets and standby), and a unit set as host controls the other units on the same network segment. A trigger input mutes the amplifier for emergency paging, and auto standby with signal sensing powers it down when the room goes quiet. One unit replaces the Dante-to-analog adapter, the separate amplifier and the mic preamp at every small room.

Dante and AES67	PoE+ Powered	Mic Input	Built-in DSP	Flexible Control
2x2 audio in and out over one network port	audio, control and power on a single cable	48V phantom power, sent back to the network	matrix, ducking, 8-band EQ and delay	RelayAV, RS-232, TCP/IP and front panel

KEY FEATURES

- 2x 15W stereo or 1x 30W bridged mono at 4/8 ohm, Class D
- Dante 2x2 and AES67 in and out, 44.1-96kHz, 16/24-bit
- Mic/Line input with 48V phantom power, sent back onto the network
- Powered by PoE+ (802.3at Class 4) or the included 24V/2A supply
- DSP: gain, ducking, 2 mixers, 6x6 matrix, 8-band parametric EQ, up to 50ms delay
- Line output for cascading; 5 user preset scenes
- Control by front panel, RS-232, TCP/IP or RelayAV; host unit controls slave units
- 5-12V trigger input mutes output; auto standby with signal sensing

SPECIFICATIONS

Amplifier Type	Class D
Output Power (24V/2A DC)	2x 15W stereo or 1x 30W mono @ 4/8 ohm
Output Power (PoE+ Class 4)	2x 9W stereo or 1x 18W mono @ 4/8 ohm
Output Power (PoE Class 0)	2x 4W stereo or 1x 8W mono @ 4/8 ohm
Dante/AES67	2-channel in/out, 44.1-96kHz, 16/24-bit
Dante Latency	2, 3, 4, 5 or 10ms
THD+N	< 0.01% at +4dBu, 1kHz
S/N Ratio	> 100dB (0dBu, 1kHz, A-weighted)
Frequency Response	20Hz-20kHz (±0.5dB)
Connections	Mic/Line in, line out, amp out, RS-232, trigger, Dante/IP RJ45
Dimensions (W x D x H)	7.09 x 4.65 x 0.91 in (180 x 118 x 23 mm)
Weight	1.57 lbs (0.71 kg)
Package Contents	1x AUD-DTE-30AMP 2x 15W Class D Audio Amplifier • 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 ear • 4x Machine screw • 1x 24V/2A multinational power supply, 4.9ft (1.5m)

APPLICATIONS

Huddle Rooms	Classrooms	Nurse Stations	Retail and Hospitality	Small Conference Rooms
Two ceiling speakers from one drop	Voice-lift mic with program ducking	Local paging speakers on Dante	Per-zone level and EQ over IP	Mic and program mixed in the built-in matrix