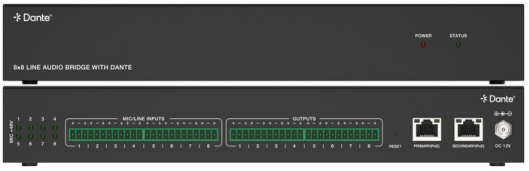
Dante 8x8 Analog Audio Bridge with DSP, Phoenix I/O, PoE+

Replace a Bank of 2-Channel Dante® Adapters with One Unit - 8 Mic/Line In, 8 Line Out, One Switch Port

MPN: AUD-DTE-8X8LINE



Puts eight analog mics or line sources onto a Dante® network and brings eight Dante® channels back out to analog amplifiers and speakers, all from one rack-mount unit on one switch port. The AUD-DTE-8X8LINE is a 19-inch rack-mount bridge in a black metal enclosure. It has eight balanced or unbalanced mic/line inputs, each with switchable +48V phantom power, and eight balanced or unbalanced line outputs. All I/O terminates on 12-pin 3.5mm Phoenix connectors.

The primary and secondary Dante® ports run as hot backups, so audio moves to the secondary network automatically if the primary fails. Onboard DSP gives every input and output its own gain and 8-band parametric EQ (+/-15 dB) and every output up to 50 ms of delay. A selectable 0 dBFS line-up from -35 dBV to +24 dBu matches mic-level, consumer-level and pro-level gear. Setup runs from the built-in Web GUI, which stores five preset scenes, and control systems can use TCP/IP and Telnet commands. The strongest advantage is consolidation: one managed Dante® device with one PoE+ load replaces a bank of 2-channel endpoints, so there are fewer devices to mount, power, label and patch.

8x8 Mic/Line to Dante	**+48V** Phantom on Every Input	**8-Band PEQ** Every Input and Output	**96 kHz** 24-bit Dante/AES67

KEY FEATURES

- 8 mic/line inputs and 8 line outputs, balanced or unbalanced, on 3.5mm Phoenix
- +48V phantom power on every input, with sensitivity from -35 dBV to +24 dBu
- 8-band PEQ (+/-15 dB) on every input and output, plus up to 50 ms delay per output
- PoE+ (802.3at Class 4) on both Dante® ports, plus a 12V locking DC input
- Web GUI and Dante® Controller setup, five presets, TCP/IP and Telnet control
- 19-inch rack-mount metal enclosure, mounting ears included
- Works with RelayAV, KanexPro's control app

SPECIFICATIONS

Inputs	8x mic/line, bal/unbal, 12-pin 3.5mm Phoenix
Outputs	8x line, bal/unbal, 12-pin 3.5mm Phoenix
Dante® / AES67	8x8 - 44.1–96 kHz - 16/24-bit - 5 or 10 ms
Network	2x locking RJ45 - primary/secondary - 1000 Mbps
Input Level	Max +24 dBu bal - min -35 dBV mic - +48V phantom
Output Level	Max +20 dBu bal / +14 dBu unbal
DSP	Gain - 8-band PEQ +/-15 dB - output delay 0–50 ms
Performance	THD+N <0.01% - S/N at least 105 dB - 20 Hz–20 kHz +/-0.5 dB
Control	Web GUI - Dante® Controller - TCP/IP - Telnet - RelayAV
Power	PoE+ 802.3at Class 4 or 12V/2.5A DC - 13.68W max
Enclosure	Black metal - 19-inch rack-mount, ears included
Dimensions / Weight	11.81 × 7.09 × 1.73 in · 3.25 lbs (1.475 kg)
Package Contents	1x 8x8 Line Audio Bridge with Dante® and PoE+ • 1x 12V/2.5A locking power supply with optional multinational conversion plug • 2x Mounting ear • 10x Machine screw • 4x 12-pin 3.5mm Phoenix connector (male)

APPLICATIONS

Houses of Worship Mics onto Dante, Dante out to amplifiers	**Hotel Ballrooms** PEQ and delay on every output	**Lecture Halls** Analog mixer and sources onto Dante	**Council Chambers** Wired mics with +48V onto Dante	**Multi-Zone Residential** Eight Dante channels out to amplifiers