4x4 XLR Dante® Audio Bridge with 8-Band PEQ and Delay, 1U Rack

Level-Match, EQ and Time-Align at the Bridge - 8-Band PEQ on Every Input and Output, up to 50ms Output Delay, 6 Input Sensitivities

MPN: AUD-DTE-4X4XLR



Brings four analog sources onto a Dante® network and sends four Dante® feeds back out to analog, with level matching, EQ and time alignment handled in the bridge itself. AUD-DTE-4X4XLR is a 1U, 19-inch metal rack unit. It has four XLR/TRS combo mic/line inputs, each with switchable +48V phantom power, and four balanced XLR line outputs.

A global line-up setting chooses one of six input sensitivities, from -35dBV for microphones to +24dBu for hot console outputs, and one of five output levels, from +20dBu to -18dBV. The same unit can take condenser mics and wireless receivers and drive professional or consumer-level destinations. Every input and output has an 8-band parametric EQ (+/-15dB) with parametric, shelf and pass filters, and every output has up to 50ms of delay. Five presets store complete room setups. The unit is configured from its built-in Web GUI or from Dante® Controller, supports AES67, and accepts ASCII commands over TCP/IP and Telnet from a control system. The strongest differentiator is its primary and secondary Dante® ports, both PoE+ capable. If the primary network fails, audio switches to the secondary network automatically, and each port can power the unit on its own.

4x4 XLR/TRS In, XLR Out	**8-Band PEQ** Every Input and Output	**50ms** Delay per Output	**+48V** Phantom on Every Input

KEY FEATURES

- 4x4 bidirectional analog-to-Dante® bridge: four XLR/TRS combo inputs, four XLR outputs
- Mic or line on every input, balanced or unbalanced, with switchable +48V phantom per input
- Six input sensitivities (-35dBV to +24dBu) and five output levels (+20dBu to -18dBV)
- 8-band PEQ (+/-15dB) on every input and output; up to 50ms delay on every output
- Web GUI, Dante® Controller, TCP/IP and Telnet API control; five presets
- Standard 1U 19-inch metal rack-mount chassis
- Works with RelayAV, KanexPro's control app

SPECIFICATIONS

Inputs	4x XLR/TRS combo (F), mic/line, bal/unbal, +48V
Outputs	4x XLR (M), balanced/unbalanced, max +20dBu
Dante® / AES67	4x4 · 44.1–96kHz · 16/24-bit
Network	2x locking RJ45 · 1000M · 328 ft (100 m) CAT6/6A/7
Input Sensitivity	-35dBV · -18dBV · 0dBV · +4dBu · +14dBu · +24dBu
Output Level	+20dBu · +14dBu · +4dBu · 0dBV · -18dBV
DSP	8-band PEQ +/-15dB per I/O · 0–50 ms delay per output
Audio Performance	THD+N <0.01% · S/N at least 105dB · 20Hz–20kHz +/-0.5dB
Control	Web GUI · Dante® Controller · TCP/IP · Telnet · RelayAV
Enclosure	Black metal · 1U 19-inch rack-mount
Dimensions / Weight	17.32 × 7.87 × 1.73 in · 4.72 lbs (2.14 kg)
Package Contents	1x AUD-DTE-4X4XLR 4x4 XLR Dante® Audio Bridge • 1x 12V/2.5A locking power supply with multinational plug adapters • 2x Rack-mounting ears • 8x Machine screws

APPLICATIONS

Lecture Halls Legacy analog DSP onto Dante	**Divisible Ballrooms** Section mics and zone feeds on Dante	**Worship Stage Racks** Console sends to overflow and stream	**Corporate Town Halls** Wireless mics into the Dante DSP	**Council Chambers** Press feed and assistive listening