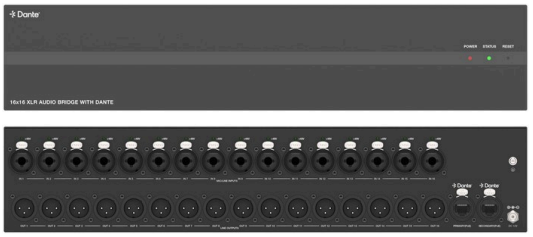
16x16 XLR Audio Bridge with Dante® and PoE+, 19" Rack Mount

One Chassis Replaces Separate Input and Output Units - 16 XLR/TRS Combo In, 16 XLR Out, +48V Phantom Power

MPN: AUD-DTE-16X16XLR



Puts sixteen microphone or line sources onto a Dante® network and returns sixteen balanced feeds to analog gear, all from one 19" rack-mount chassis. The AUD-DTE-16X16XLR has 16 XLR/TRS combo inputs, each with switchable +48V phantom power, and 16 balanced XLR outputs. All 32 channels are bridged to and from Dante® and AES67 through primary and secondary RJ45 ports.

Each input has six sensitivity settings, from -35dBV for microphones up to +24dBu for hot line-level gear, plus a fine gain trim of +/-12dB. An 8-band parametric EQ (+/-15dB) is available on every input and output, each output has delay, and five presets store complete room setups. Routing and latency are set in Dante® Controller, and levels, EQ and presets are set from the built-in Web GUI or by ASCII commands over TCP/IP or Telnet. If the primary network fails, the secondary port takes over automatically. The strongest reason to choose it is consolidation: one chassis does the work of separate 16-channel input and output units, or of sixteen 2-channel endpoints, at the head end.

16x16 Dante - One chassis replaces separate input and output units	**Phantom Power - +48V switchable on every input**	**Network Redundancy - Secondary port takes over automatically**	**Built-in DSP - 8-band PEQ on every input and output**	**PoE+ - Powered over either Dante port**

KEY FEATURES

- 16 XLR/TRS combo mic/line inputs and 16 balanced XLR outputs
- Dante and AES67, 16x16, with primary and secondary RJ45 ports and automatic failover
- +48V phantom power switchable per input, with rear-panel indicators
- Six input sensitivities from -35dBV to +24dBu, plus +/-12dB gain trim
- 8-band parametric EQ (+/-15dB) on every input and output
- Delay on each output; five preset scenes
- Control from Web GUI, Dante Controller, ASCII API (TCP/IP, Telnet) or RelayAV
- Standard 19" rack-mount metal enclosure, PoE+ powered

SPECIFICATIONS

Audio Channels	16 analog inputs, 16 analog outputs
Dante/AES67 Format	44.1/48/88.2/96kHz; 16 or 24-bit
Device Latency	2, 3, 4, 5 or 10ms
Inputs	16 x XLR/TRS combo, female
Outputs	16 x XLR, male
Input Sensitivity	+24dBu, +14dBu, +4dBu, 0dBV, -18dBV, -35dBV
Output Level	+20dBu, +14dBu, +4dBu, 0dBV, -18dBV
THD+N	< 0.01% at +4dBu, 1kHz
S/N Ratio	At least 105dB (A-weighted)
Frequency Response	20Hz to 20kHz (+/-0.5dB)
Network Ports	2 x locking RJ45, PoE+ (802.3at Class 4), 1000Mbps
Dimensions (W x D x H)	17.32 x 7.87 x 3.46 in (440 x 200 x 88mm)
Package Contents	1x AUD-DTE-16X16XLR 16x16 XLR Audio Bridge with Dante® and PoE+ • 1x 12V/2.5A locking power supply with multinational conversion plugs • 2x Mounting ears • 8x Machine screws

APPLICATIONS

Microphones Phantom-powered mics straight onto Dante	**Mixing Consoles** Analog console onto Dante	**Audio Amplifiers** Dante feeds out to amplifier inputs	**Active Speakers** Balanced XLR feeds from Dante