

Dante™ 2 IN/2 OUT I/O Interface

- Small form factor, can be unobtrusively located near analog sources or sinks
- Dual power (DC or PoE) means the DIO2x2 will work in systems with either standard or PoE Ethernet switches
- Three input gains accommodate common line levels, phantom power and dynamic mics
- +24V Phantom power per channel - powers virtually all types of phantom powered microphones typically used in installed AV systems
- Two analog output gains to accommodate both consumer and pro line level requirements without overload



The DNT22 I/O Interface is a 2in/2out, cost-effective way to add up to two channels (in and out) of Dante™ audio to an existing Dante-based networked audio system. The DNT22's small form factor and PoE power capability make it easy to put Dante connectivity wherever it's needed - near the audio source or sink thereby eliminating costly and interference prone analog wiring.

DIO2x2 Rear Panel Connections

DC Power Input - +12VDC @ 500mA. No DC power is required if the DIO2x2 is used with a PoE Ethernet switch.

Dante/PoE Network Connection - 100 Base-T Dante Ethernet network connection.

Balanced Mic/Line Inputs - RF protected balanced mic/line input. +24V Phantom (switchable via software individually for each channel). Gains of 0dB, +25dB, and +40dB are available (switchable via software individually for each channel).

Balanced Line Outputs - Low impedance (200 ohms balanced, 100 ohms unbalanced) balanced analog outputs. Analog output gains of 0dB and +10dB are available (switchable via software individually for each channel).

Specifications

Mic/Line Input Type:	Balanced and RF filtered 3-pin depluggable
Phantom Power:	+24V, software selectable
Mic/Line Gain:	0dB, +25dB, +40dB, software selectable
Input impedance:	>1.8K ohms at any gain setting
Equivalent Input Noise:	115dBu (+40dB gain)
Maximum Input Levels:	+8dBu @ 0dB gain, -16dBu @ +25dB gain, -31dBu @ +40dB gain
Output Type:	Balanced line level with automatic muting on loss of Dante signal
Output Gain:	0dB or +10dB, software selectable
Output Noise:	<90dBu @ 0dB gain
Maximum Output Level:	+12dBu
System THD:	<.01% at any gain, input signal 3dB below maximum
PoE Class:	Class 0 802.3af PoE PD compliant
Certifications:	FCC Part 15 Class A, CE
Dimensions:	1.06"H x 6.45"W x 3.45"D
Operating Temperature:	0°C - 40°C

