



NA-2I2O-DLINE

Connect your legacy audio gear to the DANTE® world. The Line I/O to DANTE® Interface is an end-of-network device. It is a breakout box which allows two channels of audio to be integrated into a DANTE® network. Simultaneously, NA-2I2O-DLINE converts a DANTE® stream into analog audio signals. Hence, it is possible to use this tiny box to feed analog audio signals into the DANTE® network while at the same time receiving a mix from another DANTE® source.

Line I/O to DANTE® Interface is designed for harsh stage conditions. It therefore features lockable chassis connectors for both the audio and network connections. For fixed installations, the rubber protection can be removed. With optional mounting brackets or a rack panel, the box can be mounted below tables, in floor boxes, or in equipment racks.

ATTENTION: This device must only be powered via PoE injectors with compliant handshake functionality (IEEE 802.3af/at/bt). Use of non-compliant PoE injectors may cause permanent damage.

Features & Benefits

- ✓ Connect analog audio equipment to a Dante® network
- ✓ Feed non Dante® ready amplifiers, speakers or mixing desks with signals from the Dante® network
- ✓ AES67 compliant

- ✓ Improved Audio Parameters
- ✓ Enhanced ESD Protection
- ✓ LED Ring for Status Indication
- ✓ Extremely robust and compact design for rugged stage conditions
- ✓ Rack mountable
- ✓ *Requires a Power over Ethernet switch or injector with IEEE 802.3af/at (Class 1) compliant handshake*

Technical Information

Product	
Title	NA-2I2O-DLINE
Product family	Line I/O to Dante Interfaces
Electrical	
Power consumption	< 2 watts
Power supply	Compliant PoE switch or PoE injector (IEEE 802.3af/at/bt, handshake required)
Mechanical	
Weight	0.44 kg (1 pound)
Dimensions (with rubber protection)	<p>I = 164 mm (6.3 inches) w = 82 mm (3.2 inches) h = 51 mm (2.0 inches)</p> <p>I = 151 mm (5.9 inches) w = 66 mm (2.6 inches) h = 41 mm (1.6 inches)</p>

Environmental

Standard compliance	REACH EC 1907/2006 Directive 2011/65/EU IEC 62368-1:2018 IEC 62368-1:2023 EN IEC 62368-1:2020+A11:2020 UL 62368-1:2019 UL 62368-1:2021 CSA C22.2 No. 62368-1:19
Ingress protection class	IP20
Temperature range	−5°C to +60°C
Storage temperature	−40°C to +150°C

Dante specifications

Channels	2 INPUTS (line level), 2 OUTPUTS (line level)
Supported sampling rates	44.1 / 48 / 88.2 / 96 kHz
Bit depth	16, 24 and 32 Bit
Latency	Depending on the network configuration, 1 ms (standard)
Ethernet connection	100 BASE-TX (PoE support)

Analog audio input

Input impedance	6.6 kOhm
Input level (balanced)	24 dBu max.
Frequency response	20 Hz to 20 kHz (+/-0.5 dB)
Dynamic range	> 100 dB
Signal-to-noise ratio	> 108 dB
THD + noise	0.01 % @ + 4 dBu, A-weighting
Crosstalk	-110 dB @ 20 kHz

Analog audio output

Output impedance	< 150 Ohm
Output level (balanced)	24 dBu max.
Frequency response	20 Hz to 20 kHz (+/-0.5 dB)
Dynamic range	> 100 dB
Signal-to-noise ratio	> 108 dB
THD + noise	< 0.01 % @ + 4 dBu, A-weighting
Crosstalk	-100 dB @ 20 kHz