



## NA-20-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-2I20-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-20-DLINE                  |
| Product family | Line Out 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) | l = 164 mm (6.3 inches)<br>w = 82 mm (3.2 inches)<br>h = 51 mm (2.0 inches) |
|                                     | l = 151 mm (5.9 inches)<br>w = 66 mm (2.6 inches)<br>h = 41 mm (1.6 inches) |

| Environmental            |                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard compliance      | REACH EC 1907/2006<br>Directive 2011/65/EU<br>IEC 62368-1:2018<br>IEC 62368-1:2023<br>EN IEC 62368-1:2020+A11:2020<br>UL 62368-1:2019<br>UL 62368-1:2021<br>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 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 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                |
|                         |                                 |