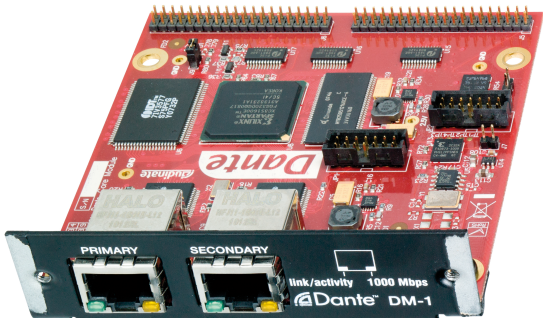


# DM-1 Dante Interface Module



- Gigabit Ethernet Interface - 1000 MBit/s full-duplex Ethernet Interface, IEEE 802.3u compatible
- Secondary Gigabit Ethernet Interface - Second Ethernet Interface for the connection of a redundant network to establish fault-tolerant systems
- Status LEDs - Link, Activity and Gigabit active status indication for each Ethernet interface
- EN 54-16 certified



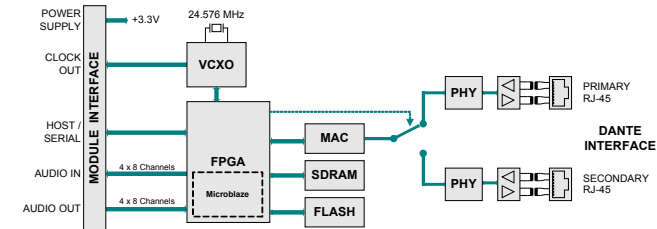
Dante is a network technology for multi-channel transmission of digital audio data via Ethernet. The DM-1 is a compact interface module for connection of an Electro-Voice N8000 system to a Dante network. The transmission of up to 32 digital audio input signals and 32 digital audio output signals with low latency (typically 1 ms) is possible.

Dante is a registered trademark of Audinate, Inc.

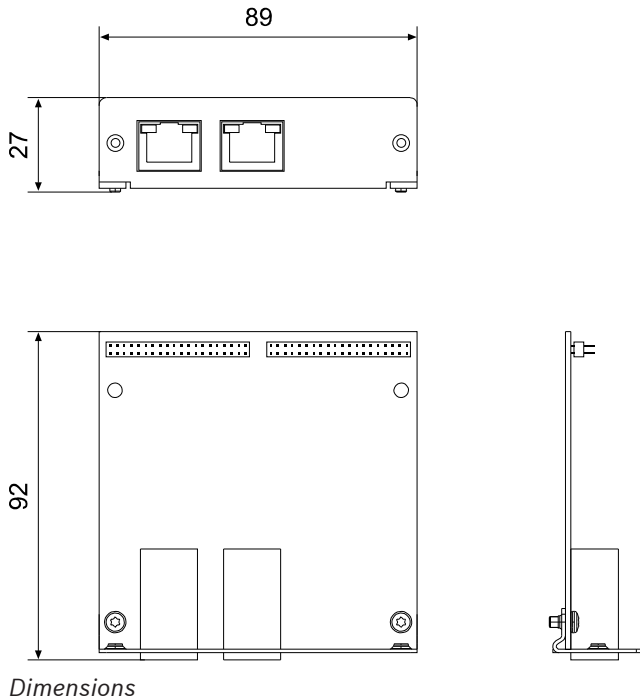
## Technical specifications

Supply voltage/current	+3.3 V DC / 860mA
Ethernet connectors (Primary / Secondary)	100/1000 MBit/s, RJ-45, integrated transformer isolation
Sample rate	48/96 kHz
Data format	24 Bit
Dante audio channels	Up to 64 x 64 at 48 kHz
Audio flows	Up to 32 x 32 simultaneous audio streams
Latency across network	1 ms (typically)
Environmental rating	E1, E2, E3
Operating temperature	0 °C to 40 °C

Product dimensions (Width x Height x Depth)	89 x 27 x 92 mm
Net weight	75 g



Circuit diagram

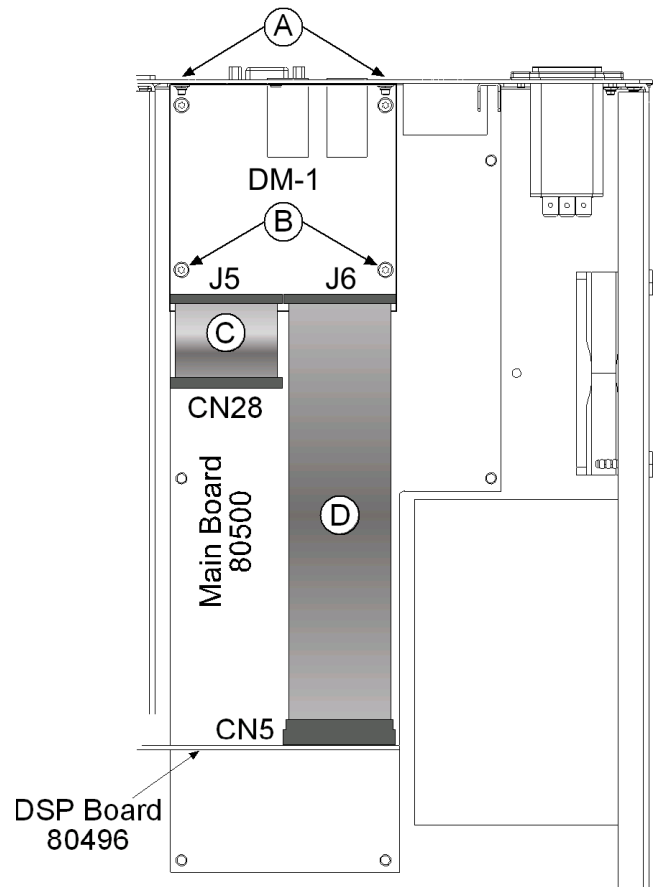


## Certifications and approvals

EN 54-16: 2008

## Installation/configuration notes

1. Turn off the power of the unit and pull the mains plug
2. Remove the cover plate (6 screws on the sides, 3 screws on top, 4 screws on the rear)
3. Remove the blind on the rear panel (2 screws)
4. Install the DM-1 module (see picture); first, secure it with 2 screws on the rear panel (A), then with 2 screws on the bolt (B), tighten the screws
5. Make the following cable connections: - J5 on DM-1 module with CN28 on main board 80500 (65 mm flat wire cable) (C) - J6 on DM-1 module with CN5 on DSP-Board 80496 (190 mm flat wire cable) (D)
6. Re-install the cover plate
7. Plug in the mains cord and turn the unit's power on
8. Configure DM-1 module parameter in IRIS-Net according to application needs



## Parts included

Quantity	Component
1	DM-1 module
2	Interconnection cord internal (190 mm)
1	Interconnection cord internal (65 mm)
4	Screw combination TORX M3x6
1	Data sheet

TORX is a registered trademarks of Acument Intellectual Properties, LLC.

## Ordering information

### DM-1 Dante Interface Module

Dante Audio Network Card, supports up to 32 digital input & 32 digital output channels

Order number **F.01U.143.195**

### Represented by:

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