AxC-DANTE interface card

Seamless Dante and network integration for high-performance professional audio systems

Using one slot of the AVBx3 or AVBx7 Audio ToolBox platform, the AxC-DANTE is the ultimate powerful audio interface to control Dante networks, and provide seamless, high quality audio interconnection with many audio protocols. Just like all AxC cards within the Audio ToolBox range, the **AxC-DANTE** is your smart powerhorse to build professional audio workflows.

Key Features

64 Dante™ inputs and **64 Dante™** outputs

One integrated switch featuring **4x gigabit ports**

Two **EtherCon connectors** (Primary/Secondary) for connection in switch or redundant mode

Two **Ethernet RJ45 connectors** (port 3 and port 4) to be used as integrated Gigabit switch ports

Remote management with AVS-Monitor software

Audio ToolBox Platform Overview

Smart, expandable and sustainable: meet AuviTran's versatile and flexible platforms that brings convergence among network technologies and audio interfaces.
With two 19" rack chassis **AVBx3** and **AVBx7** both available in StageBox or Installation modes, plus 20 interface cards, build the configuration you need.

AVBx3 as Installation Mode

AVBx7 as StageBox Mode

AxC-DANTE Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-DANTE card opens exciting possibilities to the professional audio systems:

Can be transformed into a **flexible analog StageBox**, when combined with a ToolBox (AVBx3 or AVBx7), AxC-AX4M high class mic/line preamps cards and AxC-AX4O analog output card.

Up to **24 analog mic inputs** can be monitored directly from a Yamaha Dante console, just as RIO™ Stagebox.

Dante bridges in combination with any other network AxC card such as Dante-AVB, Dante-MADI, Dante-EtherSound bridges, thus smartly mixing connectivity.

Can work as a **Virtual Soundcard** with any standard ASIO, WDM or Core Audio interface.

AVS-Monitor Software Control Page

Technical Specifications

General

Power Supply
+12V / +3.3V - Through AuviTran Audio ToolBox backplane

Temp/Humidity
Storage: - 5°C to 70°C / 0% to 95% (non-condensing)
Operating: 0 °C to 50°C / 5% to 90% (non-condensing)

Connectors
2 x Neutrik EtherCon RJ45-XLR female connectors
2 x RJ45 connectors

Dante Operation Modes
Switch – Integrated Gigabit switch
Redundant with Primary and Secondary ports, replicated on ports 3 and 4

Audio Outputs
Up to 64 channels

Audio Inputs
Up to 64 channels

HA Remote Modes
Yamaha Rio CL console / Audinate MY16AUD

Sample Format
24/32 bits

Sample Rate
44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

Synchronization
Automatic from Dante network

Control and monitoring Environment
AVS-Monitor
AVS-Monitor is a free Windows software that allows for the remote control and monitoring of all AuviTran devices, including all the AxC cards, as well as some Digigram PCIe interfaces cards.

Note that the routing on each AoIP network must be configured from the appropriate applications (Dante Controller, Hive, Milan Manager, Anemann, etc.).

OS Supported
Windows 10/11

Audinate Dante Controller
For audio patch of any Dante device, and additional features: multicast/unicast, redundant mode or switch mode.

Audinate Dante Virtual Sound Card
The optional Dante Virtual soundcard software allows your PC/Mac to connect to a Dante audio network.*

*Note: a license is required to use this feature – please refer to Audinate's website for more information.

Mechanical Specifications

200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format

Part Number

AxC-DANTE
Dante™ card for AuviTran Audio ToolBox