ControlSpace® fixed-I/O ESP Dante™ network card

Product Overview

The Dante™ network card for fixed-I/O Bose® ControlSpace® engineered sound processors provides 16 input and 16 output channels of low-latency digital audio using the Dante audio networking solution from Audinate®.

The Dante network card is installed into the digital expansion slot of the processor and includes primary and secondary Gigabit Ethernet ports which can be configured for switched (default), redundant, isolated, or filtered for legacy product network connections. Up to 10 devices can be daisy-chained using the switched port configuration.

Bose ControlSpace Designer™ software offers comprehensive device configuration and control for Dante endpoints, Bose processors and PowerMatch® configurable professional power amplifiers to help streamline system design and installation.
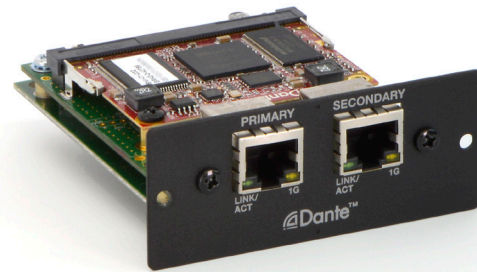
Technical Specifications

Audio Channels	
Channels In/Out	16x16
Flows	Up to 32 simultaneous
Interface	
Connectors	Two 1 Gb (Gigabit) Ethernet RJ-45
Port Modes	Switched (default) / Redundant / Legacy Hardware / Isolated (control only)
Format	48 kHz / 24 bit PCM
Interface Data	Dante network audio and control data
Indicators	
Rear Panel	Network speed indicator: yellow (1 Gb), green (100 Mb) Link/Act indicator: solid green (link established), flashing green (data activity)
Software Application	
ControlSpace® Designer™ Software v4.1 or later	
General	
Product Code	359842-0020
Compatible With	ControlSpace ESP-880 engineered sound processor ControlSpace ESP-1240 engineered sound processor ControlSpace ESP-4120 engineered sound processor ControlSpace ESP-1600 engineered sound processor
Box Contents	(1) expansion card, (1) installation guide
Slot Requirement	One space, one card per chassis

Connector Panel

Key Features

- 16x16 channel I/O
- Gigabit Ethernet connections
- Port mode options for networking flexibility
- Supports redundant connections

Applications

The ControlSpace Dante network card enables fixed-I/O Bose engineered sound processors to receive and transmit digital audio using Dante, a digital audio networking solution. Dante operates over standard IP Ethernet networks with sample accurate synchronization and automatic device and channel discovery.

The card supports multiple port modes, allowing the network audio and control connections to be configured to match the networking requirements of the installation.

Designed for a wide range of applications, including:

- Performing arts venues
- Hotels and conferencing facilities
- Religious and worship facilities
- Health clubs
- Retail and shopping centers
- Sports venues
- Schools and universities