

PowerMatch Dante network card

Product Overview

The Dante™ network card for Bose Professional PowerMatch configurable professional power amplifiers provides eight input channels of low-latency digital audio using the Dante audio networking solution from Audinate®. Eight output channels are available for diagnostic monitoring from remote locations.

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

ControlSpace Designer software offers comprehensive device configuration and control for Dante endpoints, and Bose Professional ESP processors and PowerMatch amplifiers to help streamline system design and installation.

Key Features

- 8 × 8 channel I/O
- Diagnostic audio monitoring bus
- Gigabit Ethernet connections
- Port mode options for networking flexibility
- Supports redundant connections



Applications

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

Technical Specifications

AUDIO CHANNELS	
Channels In	8 channels (PM4500, PM4500N, PM4250 & PM4250N must select from upper or lower 4-channel groups)
Channels Out	8 channels, post-processing
Flows	Up to 16 simultaneous flows
INTERFACE	
Connectors	(2) RJ-45 ports, each 1 Gb (gigabit) Ethernet
Secondary Port Modes	Switched (default), redundant, legacy hardware (multicast filtered)
Format	48 kHz / 24-bit PCM
Interface Data	Dante network audio
INDICATORS	
Rear Panel	Network speed indicator: yellow (1 Gb), green (100 Mb) Link/Act indicator: solid green (link established), flashing green (data activity)
GENERAL	
Software Application	ControlSpace Designer software v4.1 or later
Compatible With	All PowerMatch configurable professional power amplifiers: PM8500, PM8500N, PM8250, PM8250N, PM4500, PM4500N, PM4250 & PM4250N
Box Contents	(1) expansion card, (1) installation guide
PRODUCT CODE	
PowerMatch Dante network card	359844-0020

Bose is a trademark of Bose Corporation. ControlSpace and PowerMatch are trademarks of Transom Post OpCo LLC. Dante is a trademark of Audinate Pty Ltd. All other trademarks are the property of their respective owners. ©2023 Transom Post OpCo LLC. All rights reserved.

For additional specifications and application information, please visit BoseProfessional.com. Specifications subject to change without notice. 07/2023