

PowerMatch® CobraNet® network card

Product Overview

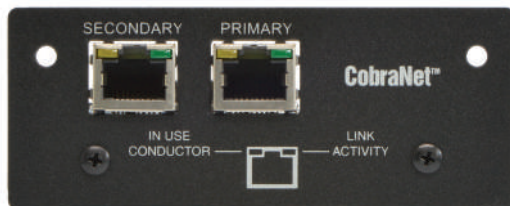
The CobraNet® network card for Bose® PowerMatch® configurable professional power amplifiers inserts into the digital expansion card slot of the amplifier and provides a connection of 8 input channels of uncompressed 48 kHz digital audio using industry-proven CobraNet audio networking. Eight output channels are available for diagnostic monitoring from remote locations.

Bose ControlSpace® Designer™ software offers device configuration and control for Bose ESP processors and PowerMatch amplifiers using CobraNet to help streamline system design and installation.

Technical Specifications

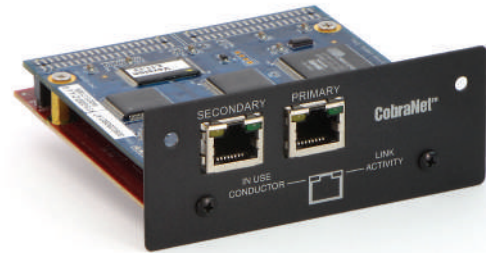
Audio Channels	
Channels In	Eight (8), PM4500/N and PM4250/N models must select from upper or lower 4-channel groups
Channels Out	Eight (8), post-processing
Interface	
Connectors	Two 100 Mb Ethernet RJ-45
Secondary Port	Redundant, auto-failover on physical connection loss
Format	48 kHz PCM
Bit Depth Settings	16, 20 (default), and 24 bit
Latency settings	5.33 (standard), 2.66, 1.33ms
Input Bundle	100 (default)
Output Bundle	0 (default, disabled)
Interface Data	CobraNet network audio
Indicators	
Rear Panel	In Use/Conductor indicator: Solid yellow if Performer, flashing if Conductor Link/Act indicator: solid green (link established), flashing green (data activity)
Software Application	
ControlSpace® Designer™ Software v3.2 or later	
General	
Product Code	345975-0010
Compatible With	PowerMatch PM8500 / PM8500N configurable professional power amplifier PowerMatch PM8250 / PM8250N configurable professional power amplifier PowerMatch PM4500 / PM4500N configurable professional power amplifier PowerMatch PM4250 / PM4250N configurable professional power amplifier
Box Contents	(1) expansion card, (1) installation guide, (1) ferrite sleeve

Connector Panel



BOSE

TECHNICAL DATA SHEET



Key Features

- 8x8 channel I/O
- Diagnostic audio monitoring bus
- Supports redundant network connection
- 48 kHz sampling rate

Applications

The PowerMatch CobraNet network card enables PowerMatch amplifiers to be used in a range of installed sound applications implementing new or existing CobraNet networks.

For more information on configuring Bose professional system electronics for use with CobraNet network audio, refer to the CobraNet application notes available at pro.bose.com.

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

CobraNet®

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