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: 346975-0010
- 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

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

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