PowerMatch® AmpLink 24-channel input card

BOSE

PROFESSIONAL

Product Description

The Bose® AmpLink input card for PowerMatch® configurable professional power amplifiers installs into the digital expansion slot to receive 24 digital audio channels from a Bose DSP via a shielded CAT 5 cable. Each card includes a THRU connection for daisy-chaining multiple AmpLink amplifiers.

Key Features

• AmpLink 24-channel digital audio transport.

• Quick-connect RJ-45 connections on shielded CAT 5 cable.

• Thru connection to daisy-chain up to 10 m between products.

• 3-position bank select switch chooses 8 consecutive AmpLink channels the amplifier will amplify.

• Each daisy-chained amplifier can choose either the same, or a different, bank of channels.

• AmpLink can daisy-chain up to 8 amplifiers.

• Any combination of AmpLink amplifiers can be daisy-chained.

Applications

The PowerMatch AmpLink card enables PowerMatch amplifiers to receive 24-channels of digital audio sourced from a ControlSpace® processor or through an upstream amplifier's AmpLink thru connection.

These cards allow for simplified audio distribution when devices are co-located in the same equipment rack, or in the same room.

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

Connector Panel

Technical Specifications

DIGITAL AUDIO	
Channels	Twenty-four (24), Each PowerMatch amplifer must select the bank of 8 consecutive channels the amplifier will amplify from the 3-position slide switch. PM4250/N and PM4500/N must then choose the upper or lower 4 channels of that bank in CSD software.
Sample Rate / Bit Depth	48 kHz / 24 bit
Thru Audio Latency	24 ns
Maximum Cable Length	10 meters (33') between products, shielded cable required
Connectors	Input, Thru, using RJ-45 jacks on CAT 5 cables

SOFTWARE APPLICATION
ControlSpace® Designer™ Software v5.0 or later

GENERAL	
Product Codes	772238-0110
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
CAT 5 Cable Requirements	Shielded cable required, TIA/EIA 568B wiring standard
Box Contents	(1) expansion card, (1) installation guide

For additional specifications and application information, please visit pro.Bose.com. Specifications subject to change without notice