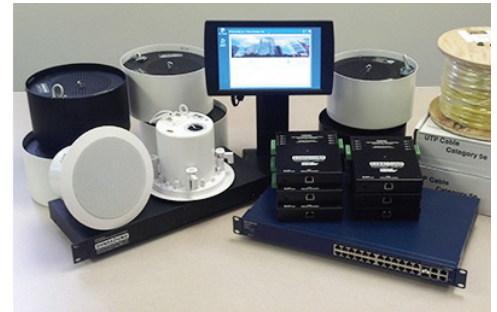cambridge SOUND MANAGEMENT | DynasoundPRO™

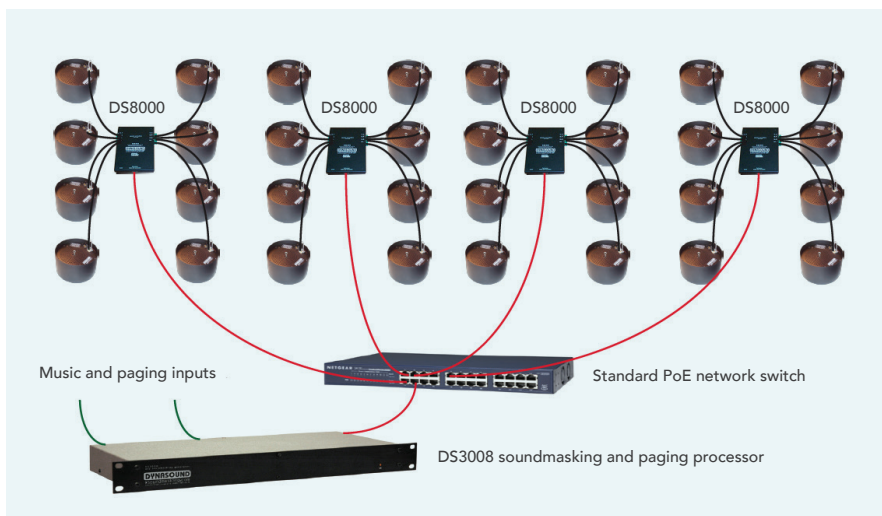# DynasoundPro Networked Sound Masking System

The industry's first Power-over-Ethernet (PoE) sound masking, paging and music system sets the standard for control.

Using industry standard network hardware and easy to specify components, this networked sound masking system enables the most flexibility – allowing reconfiguration, system adjustment, and control over individual speakers via an intuitive software program.

EASY TO SPECIFY COMPONENTS

- DS8000 network speaker controller and processor
- DynasoundPro 8 ohm speakers (i.e. DS 1356, DS1398)
- DS3008 or DS3002 network sound masking system processor
- CAT-5 cable, speaker wire
- Industry standard switch (i.e. NetGear)

DS8000   DS8000   DS8000   DS8000

Music and paging inputs

Standard PoE network switch

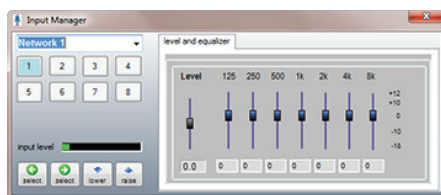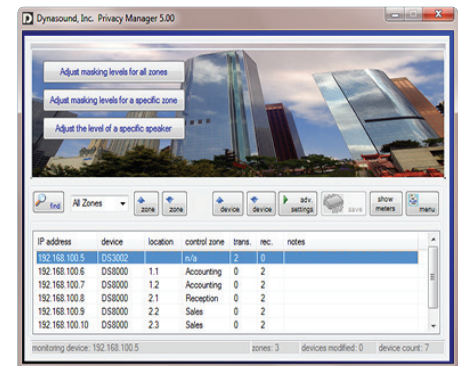DS3008 soundmasking and paging processor

HOW IT WORKS

The DS3008/DS3002 processor connects external paging and music signals into the digital network (optional – only needed if paging and music is desired). Each DS8000 is an eight-channel receiver and amplifier containing four sound masking generators and full DSP processing ability. Each DS8000 has it's own IP address and connects via category cable to the POE switch. Speakers are connected to the DS8000 with standard two conductor audio cable. Each speaker is individually tunable using the intuitive Privacy Manager software available for download at cambridgesound.com.

cambridge SOUND MANAGEMENT™

DYNASOUNDPRO NETWORK SOUND MASKING SYSTEM BENEFITS

- Utilizes industry standard PoE network switches, no proprietary or expensive managed switches required

- Every speaker is individually controllable – no limitations imposed by primary / secondary speakers or multiple speakers grouped together on a single output

- PoE compliant using standard CAT-5 cable provides power, digital network audio, and control signals via standard network hardware

- Minimum number of components – easy to understand and configure

- Sound masking signals can be broadcast through the network or generated at the speaker controller level

- Can be combined with traditional 70 volt systems creating hybrid systems, all under the same management software control

- Digital audio network provides superior audio quality and connectivity with other pro-audio components

- ETL listed UL60065, UL2043, UL1480

PRIVACY MANAGER SOFTWARE:
A POWERFUL AND INTUITIVE MANAGEMENT PLATFORM

The Dynasound Privacy Manager software makes it easy to adjust the entire system, a specific zone or an individual speaker. Tasks such as minor volume adjustments or changing the paging or music signal delivered to an individual zone or speaker can be done quickly and easily. Once the system is installed, zones are easily created or modified without needing to gain access to, or changing the speaker wiring.

INPUT MANAGER

- Provides per channel equalization and level control for incoming network signals, such as paging or background music

OUTPUT MANAGER

- Provides a matrix mixer that allows any mix of network channels and internal generators to be routed to any speaker

- The standard configuration provides two channels of broadcast sound masking on network channels 7 and 8, alternating between speakers

- The individual volume, as well as the mix of audio channels, for each individual speaker can be adjusted

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