

PRODUCT DESCRIPTION

The DS3008 is designed to provide sound masking, paging and music functions for centralized and networked sound masking systems. Each DS3008 provides four independent sound masking generators, each having 1/3 octave band equalization, adjustable high pass and low pass filters. Additionally, eight balanced line level inputs, eight balanced line level outputs and a matrix mixer facilitate configuring any mix of incoming signals with any of the sound masking generators and then routed to any of the outputs. Input processing includes per channel level control, equalization and configurable "soft-knee" compression. Output processing includes per channel level control for both analog and network audio. This feature provides unique functionality for use in traditional 70v. centralized systems, networked addressable systems, or systems combining both approaches.



FEATURES

- Four sound masking generators with 1/3 octave band EQ, high, and low pass filters
- Eight balanced inputs with level controls, equalizers, and compressors
- Eight balanced outputs with level control
- CobraNet™ digital audio network ready on all inputs and outputs
- Matrix mixer allows any combination of inputs and sound masking to be routed to any
- ETL listed UL60065

TECHNICAL SPECIFICATIONS

Dimensions:	19" rack mount, 1 RU, 8" deep
Finish:	Black
Weight:	6 lbs.

ARCHITECTURAL SPECIFICATIONS

The sound masking processor shall be a Dynasound DS3008. The 1 RU DSP 8 x 8 processor shall provide four separate sound masking generators, each having low pass, high pass and 1/3 octave band equalization. The unit shall be equipped with an Ethernet connection (RJ-45) to provide control and monitoring over a standard switched network, or from a single PC. The unit shall provide eight balanced line level inputs for paging and music and shall provide equalization and compression for each input signal. The unit shall provide eight balanced line level outputs and shall incorporate a matrix mixer giving each output (CobraNet™ and balanced outputs) access to any combination of input signals. The unit shall provide CobraNet™ capability for all inputs and outputs. Total harmonic distortion 20 Hz-20kHz shall be less than .01%. Power consumption shall be 2 watts maximum @ 16VAC.

USE WITH:



DS8000 Network



DS1625 Amplifier



DS1628 Amplifier



DS1404 Level controller