DS3002

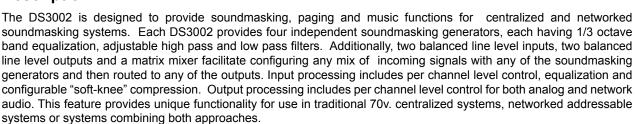## Networked soundmasking, paging and music processor

Features:

- four soundmasking generators with 1/3 octave band EQ, high and low pass filters

- two balanced inputs with level controls, equalizers and compressors

- two balanced outputs with level control

- matrix mixer allows any combination of inputs and soundmasking to be routed to any of the balanced outputs, or to the network audio.

- CobraNet ™ digital audio network ready on all inputs and outputs

- ETL listed UL60065

Description:

The DS3002 is designed to provide soundmasking, paging and music functions for centralized and networked soundmasking systems. Each DS3002 provides four independent soundmasking generators, each having 1/3 octave band equalization, adjustable high pass and low pass filters. Additionally, two balanced line level inputs, two balanced line level outputs and a matrix mixer facilitate configuring any mix of incoming signals with any of the soundmasking 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.

Specifications:

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

Architect's Specification:

The sound masking processor shall be a Dynasound DS3002. The unit shall provide CobraNet™ capability for all inputs and outputs. The 1 RU DSP 2 x 2 processor shall provide four separate soundmasking 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 two balanced line level inputs for paging and music and shall provide equalization and compression for each input signal. The unit shall provide two balanced line level outputs and shall incorporate a matrix mixer giving each output (CobraNet™ and balanced outputs) access to any combination of input signals. Total harmonic distortion 20 Hz- 20kHz shall be less then .01%. Power consumption shall be 2 watts maximum @ 16VAC.

Use with:

DS8000 Network

DS1625 amplifier

DS1628 amplifier

DS1404 level controller

* CobraNet is a registered trademark of Cirrus Logic.

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by DYNASOUND

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