

PRODUCT DESCRIPTION

Dynasound's DS1092 sound masking conditioner is a sound masking generator, mixer and power amplifier in an easy to use freestanding metal enclosure. The DS1092 is designed for use in sound masking applications that require centralized control, yet space and/or economy are a consideration. The unit features simple and clearly labeled controls for ease of use. It offers many of the most popular features usually found on larger centralized sound masking systems, taking the place of various rack type components. The DS1092 is effective in supplying dedicated sound masking for up to a 9000 sq.ft. zone.

FEATURES

- Sound masking generator, mixer and amplifier - all in one compact housing
- Switchable white/pink noise source
- Mixer allows "layering" of signals for paging or security functions
- Easy to use controls - no software required
- Powerful 40 watt 70.7 volt output

TECHNICAL SPECIFICATIONS

Type	Sound Masking Generator and Amplifier
Sound Masking Frequency Response	160Hz to 8kHz
Music/Paging Frequency Response	Telephone Input: 300 Hz to 4 kHz
	Music Input: 150 Hz to 20 kHz
	Microphone Input: 150 Hz to 20 kHz
	Line Output: 100 Hz to 20 kHz
User Adjustable Masking Equalization	Low-Pass Filter on front panel
User Adjustable Audio Equalization	NA
Max Emitter Cabling Distance	NA
Non Correlated Masking Sources	1
Masking Zones	1
Audio Inputs (Stereo or Mono)	2 - Mono
Audio Input Level	Line / Mic Level
Audio Input Impedance	10 kΩ
Audio Input Connector	Terminal Strip / XLR



ARCHITECTURAL SPECIFICATIONS

The sound masking (generator/equalizer/mixer/amplifier) system shall be a Dynasound DS1092. The unit shall incorporate a front panel mounted volume control and low pass filter. The unit shall provide 40 watts output into a standard 70.7 volt sound masking speaker array. The unit is 3.5 " tall, 9 inches wide and 11 1/2 inches deep. The unit shall incorporate a digital sound masking generator and a mixer with inputs for paging and music signals.

Audio Outputs (Stereo or Mono)	1 - Class 2 Wiring
Audio Output Level	1 - 40Watts @ 70.7 V
Minimum Output Impedance	N/A
Power Input Connection	NEMA 5-15P
Output Connections	Terminal Strip
Masking Level Adjustment	Front Panel Adjustment
Audio Input Level Adjustment	Front Panel Adjustment
Maximum Power Consumption	135 Watts
Power Supply Operating Voltage	120 VAC 60 Hz (internal)
Operating Temperature Range	-10C to +40C
Power Input	120 VAC, 60 Hz, 135 watts
Output	40 watts, 70.7 volts
Mounting	Self Supporting / Shelf
Color	Black
Dimensions	3-1/2" high, 9" wide, 11-1/2" deep
Shipping Weight	10.0 lbs.
SKU	DS1092

USE WITH:



DS1338 Speakers



DS1390 Speakers



DS2400 Maskers



DS2500 Maskers