

# DATA SHEET

## DYNASOUND® DS1042

### SOUND MASKING SYSTEM FOR USE WITH 70.7 VOLT SPEAKERS



Dynasound's DS1042 sound masking conditioner is a sound masking generator, low-pass filter, and power amplifier in an easy to use neutral toned enclosure. The DS1042 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 components. The DS1042 is effective in supplying dedicated sound masking for up to a 6000 sq.ft zone.

#### FEATURES

- Sound masking generator, low pass filter and amplifier — all in one compact housing
- Powerful 25 watt 70.7 volt output
- Barrier post and RCA output connections
- Easy to use controls — no software required
- ETL listed conforms to UL 813

#### DYNASOUND DS1042 SPECIFICATIONS

<b>Type:</b>	Sound masking generator and amplifier	<b>Masking Level Adjustment:</b>	Front Panel Adjustment
<b>Sound Masking Frequency Response:</b>	160Hz to 5kHz	<b>Maximum Power Consumption:</b>	75 Watts
<b>User Adjustable Masking Equalization:</b>	Low-Pass Filter on front panel	<b>Power Supply Operating Voltage:</b>	120 VAC 60 Hz (internal)
<b>Non Correlated Masking Sources:</b>	1	<b>Operating Temperature Range:</b>	-10C to +40C
<b>Masking Zones:</b>	1	<b>Power Input:</b>	120 VAC, 27 Watts, 3A Fuse
<b>Audio Inputs (Stereo or Mono):</b>	None	<b>Output:</b>	25 watts, 70.7 volts
<b>Audio Outputs (Stereo or Mono):</b>	1 - Class 2 Wiring	<b>Mounting Self:</b>	Supporting / Shelf
<b>Audio Output Level:</b>	1 - 25 Watts @ 70.7V	<b>Color:</b>	Beige
<b>Minimum Output Impedance:</b>	N/A	<b>Dimensions:</b>	3-1/2" high, 7-3/4" wide, 8-1/4" deep
<b>Power Input Connection:</b>	NEMA 5-15P	<b>Shipping Weight:</b>	9.0 lbs.
<b>Output Connections:</b>	Terminal Strip	<b>Certifications:</b>	UL813

#### ARCHITECTURAL SPECIFICATIONS

The sound masking (generator/equalizer/amplifier) system shall be a Dynasound DS1042. The unit shall incorporate a front panel mounted volume control and low pass filter. The unit shall provide 25 watts output into a standard 70.7 volt sound masking speaker array. The unit is 3.5" tall, 7 3/4 inches wide and 8 1/4 inches deep. The unit shall incorporate a CMOS pseudo-random sound masking generator.

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