

# DATA SHEET

## DYNASOUND® DS1390

### LOW PROFILE SOUND MASKING AND PAGING SPEAKER



The DS1390 contains dual, horizontally opposed speakers which produce uniform sound dispersion ideally suited for reverberant under floor cavities and shallow ceiling plenums. An optional mounting bridge is available for use in ceiling plenums where conventional sound masking speakers are not applicable (specify DS1390B).

#### FEATURES

- For use in floor cavities as shallow as 1-3/4"
- Optional bridge mount for use in ceiling plenums
- Internal 70-Volt transformer
- Performance-engineered dual drivers with tuned ports well suited for sound masking produce uniform 360-degree dispersion
- ETL listed to conform to UL1480 and CSA C22.2 60065

#### DYNASOUND DS1390 SPECIFICATIONS

<b>Loudspeaker Type:</b>	Dual horizontally opposed high performance drivers. 70.7 V	<b>Height:</b>	1.8"
<b>Power Handling:</b>	4 Watts @ 70.7 V	<b>Length x Width:</b>	5.25" x 6.25"
<b>Nominal Impedance:</b>	70.7 V / Secondary Equals 4 Ohms	<b>Weight:</b>	2 lbs.
<b>Nominal Dispersion:</b>	160° H x 325° V	<b>Shipping Weight (pounds):</b>	15.85 lbs. (10-pack)
<b>Enclosure:</b>	Front Vented	<b>Shipping Dimensions:</b>	12.80" x 10.82" x 14.29" (10-pack)
<b>Enclosure material:</b>	Cold rolled steel plate, thickness: 1mm, powder coated.	<b>Certifications:</b>	UL1480 and CSA C22.2 60065
<b>Sensitivity (2.83 Volts @ 1 meter on Axis):</b>	80.7	<b>Cabling:</b>	2 Conductor 18AWG to 16AWG
<b>Frequency Response/-10dB down:</b>	160Hz to 6300Hz	<b>Included accessories:</b>	N/A
<b>Transformer Taps:</b>	1/8,1/4, 1/2,1,2,4 watts	<b>Driver Diameter:</b>	Qty 2 - 4"x1.5"
<b>Connections:</b>	2- Wire Pigtail	<b>Color:</b>	White
		<b>SKU:</b>	DS1390

#### ARCHITECTURAL SPECIFICATIONS

Sound masking speaker assembly shall be Dynasound model DS1390. Unit shall contain dual horizontally opposed loudspeakers, with dual internal acoustical chambers and equipped with a 70.7V transformer. The unit shall be factory assembled, wired and ready for installation. The unit shall include an external tap selector switch with an off position and 1/8, 1/4, 1/2, 1, 2 and 4 watt power taps clearly identified. Strain relief shall be provided to protect hook-up leads. The enclosure shall measure 5.25 inches by 6.25 by 1.80 inches tall. Speaker shall be ETL listed to conform to UL1480, UL2043 and CSA 60065.

Biamp, Cambridge, and Dynasound are either trademarks or registered trademarks of Biamp Systems, LLC in the United States and other countries. Other product names referenced may be trademarks or registered marks of their respective owners and Biamp Systems is not affiliated with or sponsored by these companies.