



SD72 Series

8" Preassembled Speaker Package



SD72

Specifications

Model	SD72	SD72W	SD72WV
Size	8" (205mm)	8" (205mm)	8" (205mm)
Power Taps	.25, .5, 1, 2, & 5 Watts		
Sensitivity	97dB Average		
Frequency Response	55Hz-19kHz (± 5 dB)		
Dispersion	105° (2kHz Octave Band, -6dB Points)		
Diameter	8 $\frac{1}{8}$ " (205mm)	12 $\frac{3}{4}$ " (206mm)	12 $\frac{3}{4}$ " (206mm)
Depth	2 $\frac{7}{8}$ " (73mm)		

Architect and Engineer Specifications

Unit shall be Atlas Sound 8" loudspeaker Model SD72 utilizing line matching transformer. It shall have a (10oz.) ceramic magnet and a seamless cone. Frequency response range shall be 55Hz–8kHz (± 5 dB). Sensitivity shall be 97dB 1W/1M. Voice coil shall be black anodized aluminum to help dissipate heat, have an impedance of 8 Ω and a diameter of 1" (25mm). Transformer primary voltage shall be 25V/70.7V with a frequency response range of 100Hz–10kHz (± 1.5 dB). Insertion loss shall not exceed 1.5dB.

All models feature standard mounting holes to accommodate the majority of Atlas Sound 8" baffles. All mounting screws are included in the package.

Features

- 10 oz Dual Cone Speaker Provides Familiar Response & Performance
- Quality 5 Watt Dual Voltage Transformer
- Individually Packaged for Stocking & Ordering Convenience

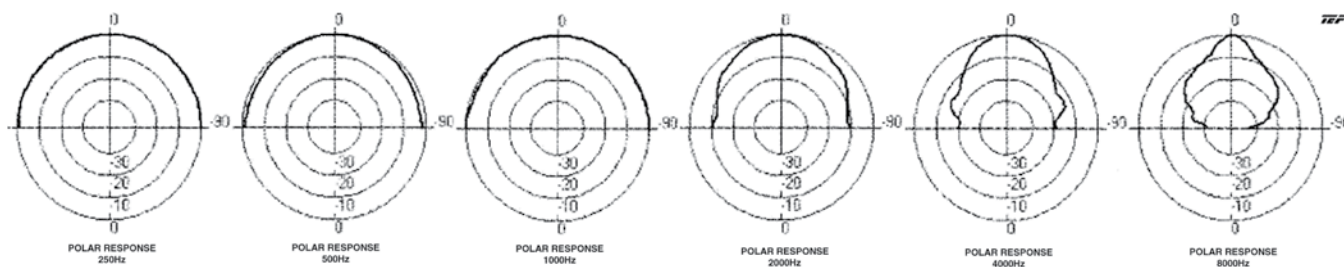
Applications

The SD72 is an aggressively priced, high quality speaker/transformer package suitable for almost any paging or background application including retail stores, restaurants, schools, and other institutional facilities.

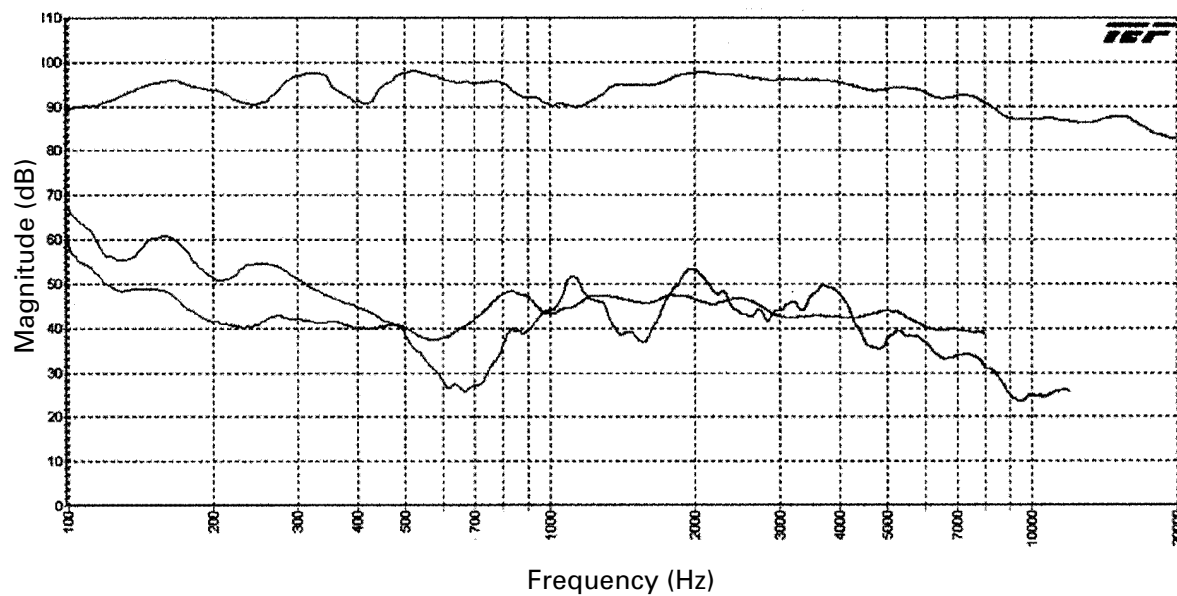
General Description

The speaker used in the SD72 is the next generation of high performance cone loudspeakers, very similar to the preceding C-Series speakers. The similarity in the sonic qualities ensures that contractors and designers who have worked with the Atlas Sound C-Series in the past will know exactly what to expect when they use the SD72. Model SD72 is a dual cone, 25 Watts 8" (205mm) loudspeaker with a 10 oz. (260g) ceramic magnet. It includes a curvilinear, treated paper cone for lower harmonic distortion. The loudspeaker is also equipped with a full 1" diameter copper voice coil with a black anodized aluminum former for better power dissipation. Model SD72 operates within a frequency response range of 55Hz – 8kHz (± 5 dB) with a sensitivity of 97dB and a dispersion angle of 105°. Package includes factory installed 25V/70.7V line matching transformer with tap selections ranging from .25 to 5 Watts. It mounts a wide variety of Atlas Sound round and square baffles and enclosures to meet functional and aesthetic application requirements.

SD72 Polars (Normalized to Zero on Axis) (-6dB)



SD72 Harmonic Distortion



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SD72 Impedance

