



# 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 (±5dB)		
Dispersion	105° (2kHz Octave Band, -6dB Points)		
Diameter	8 1/8" (205mm)	12 3/4" (206mm)	12 3/4" (206mm)
Depth	2 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 (±5dB). Sensitivity shall be 97dB 1W/1M. Voice coil shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). Transformer primary voltage shall be 25V/70.7V with a frequency response range of 100Hz–10kHz (±1.5dB). 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

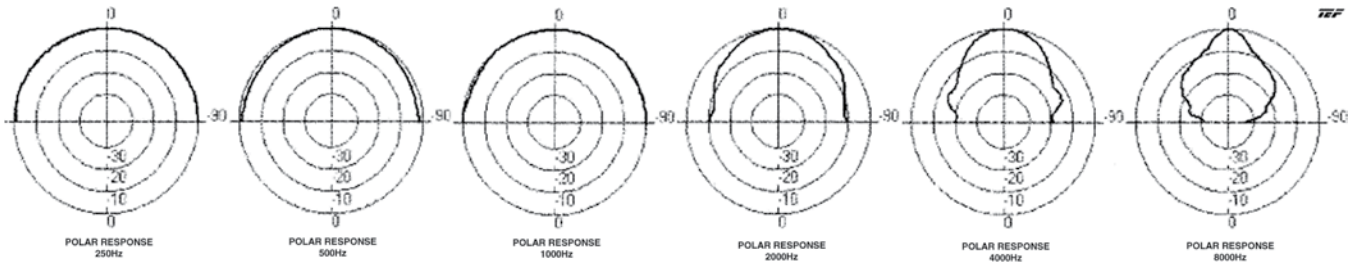
The SD72 is an aggressively priced, high quality speaker/transformer package suitable for almost any paging or background application including retail stores, restaurants, schools, and other institutional facilities.

### General Description

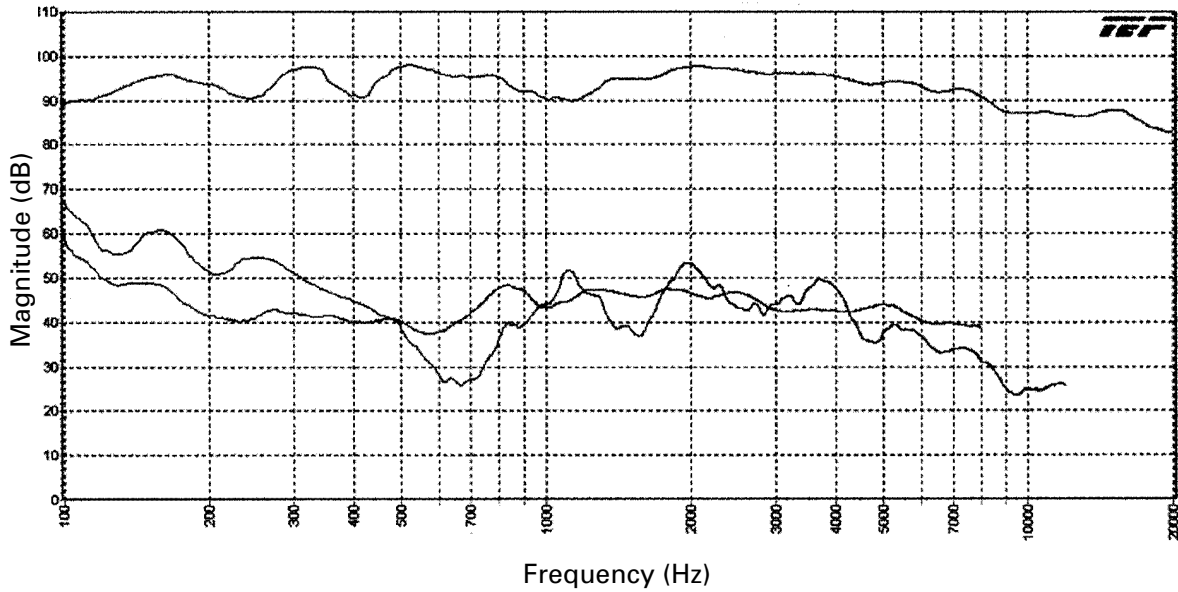
The speaker used in the SD72 is the next generation of high performance cone loudspeakers, very similar to the preceding C-Series speakers. The similarity in the sonic qualities ensures that contractors and designers who have worked with the Atlas Sound C-Series in the past will know exactly what to 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 (±5dB) 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.

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



## SD72 Harmonic Distortion



## SD72 Impedance

