



# HD72W-USA

## 8" Loudspeaker Assembly with 25V/70.7V-4W Transformer and 62-8 Baffle

### Specifications

Speaker Type	Treated Paper
Frequency Response	100Hz - 10kHz
Power Taps	.25, .5, 1, 2, & 4 Watts
Dispersion	105°
Sensitivity	97dB Peak, 94dB Average
Depth	2 7/8" (73.025mm)
Diameter	8" (203.2mm)
Shipping Weight	4.50 lbs (2.04 kgs)

### Architect and Engineer Specifications

Unit shall be Atlas Sound 8" loudspeaker Model HD72W-USA utilizing line matching transformer. It shall have a (10oz.) ceramic magnet and a seamless cone. Frequency response range shall be 100Hz -10kHz ( $\pm 5$ dB). Sensitivity shall be 97dB 1W/1m. Voice coil shall be black anodized aluminum to help dissipate heat, have an impedance of 8 $\Omega$  and a diameter of 1" (25mm). Transformer primary voltage shall be 25V/70.7V with a frequency response range of 100Hz -10kHz ( $\pm 1.5$ dB). Insertion loss shall not exceed 1.5dB. It shall be pre assembled to a 12" steel painted baffle. Unit shall comply with BAA (Buy American Act)



HD72W-USA

### Features

- Factory-Assembled Loudspeaker Packages Reduce Installation Time and Expenses
- Attractive White Finish
- Easy to Order Speaker/Transformer/Grill Assembly
- Suited for Any Commercial Paging or BGM Application

### Applications

The Atlas Sound HD72W-USA is an easy to install, pree-assembled in-ceiling speaker package that is ideal for use in paging applications including government facilities, schools, healthcare facilities, and retail environments.

### General Description

Model HD72W-USA is a cost effective assembly that includes high-quality 8" loudspeaker, 70.7V/25V transformer and screw type grill. Unit is shipped assembled, ready for installation.

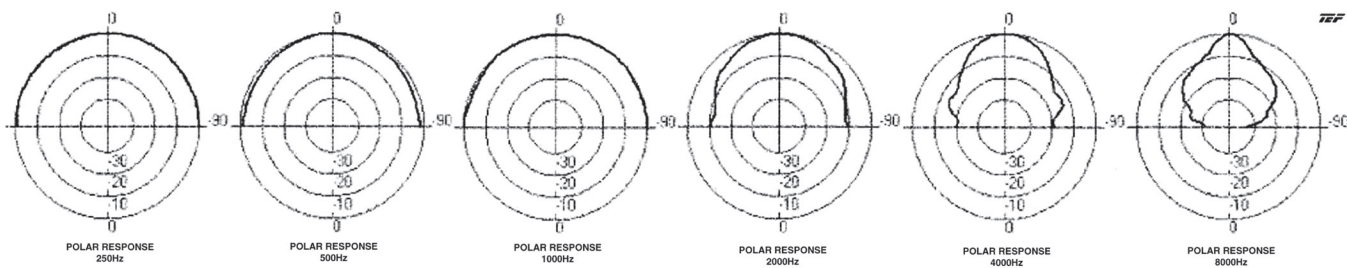
The HD72W-USA features a conventional cone design loudspeaker with a 1" diameter voice coil to reproduce voice and music with excellent response and superb overall performance.

The HD72W-USA includes a factory mounted dual voltage transformer that exhibits less than 1.5dB of insertion loss and a frequency response of +1.5dB from 100Hz - 10kHz. Speaker / transformer is factory installed on a 62-8 style baffle.

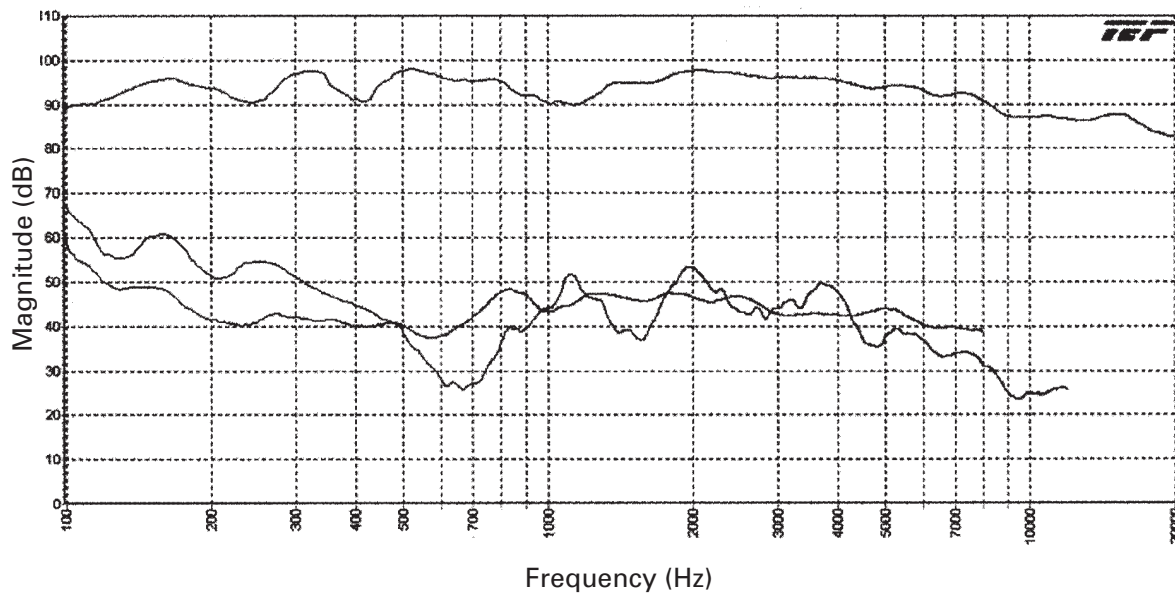
The HD72W-USA complies with Buy American Act Standards.

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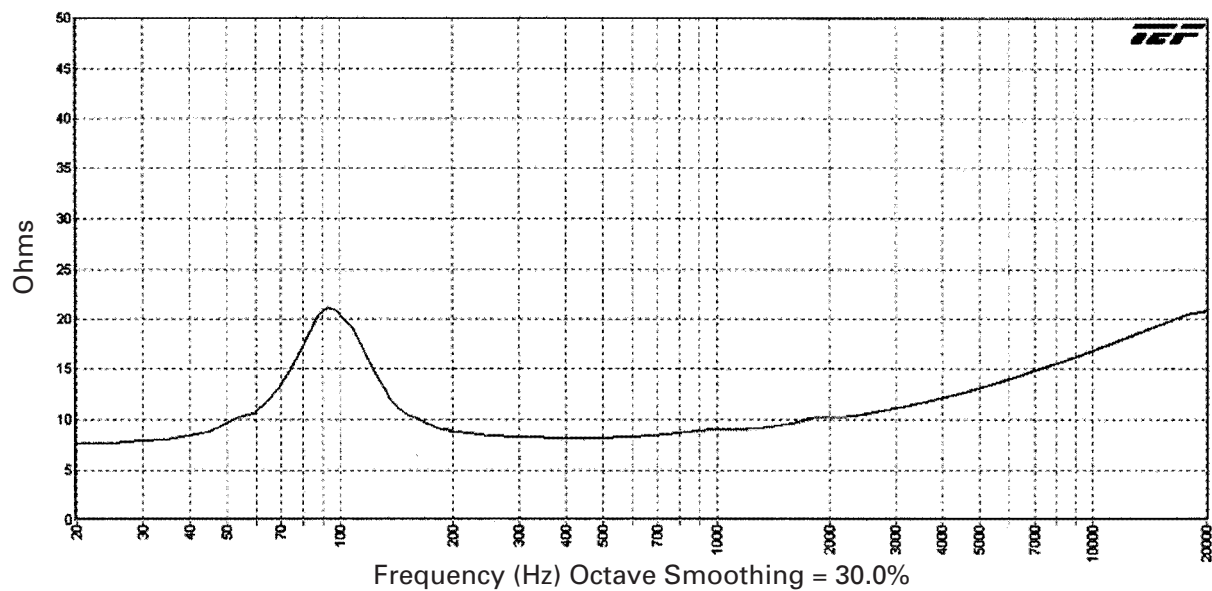
## HD72W-USA Polars (Normalized to Zero on Axis) (-6dB)



## HD72W-USA Harmonic Distortion



## HD72W-USA Impedance



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