



# M1000R-W

## Round Pendant Mount Sound Masking Speaker System



M1000R-W

### General Description

The M1000R-W is a perfect solution for contemporary office spaces with open ceiling designs where sound masking is used to enhance speech privacy. The sleek round design and low gloss white finish will blend in nicely with painted ductwork, lighting and other devices suspended overhead.

A high efficient 8" paper cone transducer coupled with a low insertion loss 70.7V transformer are factory assembled into the 382 in<sup>3</sup> round enclosure. System level tuning is easily achieved via an external tap selector switch that includes settings for .25, .5, 1, 2 & 4 watts plus an OFF position.

Installation is made easy via the included 78" (2m) suspension chain system that allows quick mounting and height adjustment of the M1000R-W. An integral wire strain relief strategically located on the top of the enclosure allows for secure speaker cable termination.

### Architect & Engineer Specifications

Sound masking assembly shall be Atlas Sound model M1000R-W. Unit shall contain Atlas Sound 8" diameter Loudspeaker equipped with a 70.7V transformer, round enclosure, baffle, and related mounting hardware. It shall be factory assembled, wired and ready for installation. Unit shall include external tap selector switch with an OFF position and .25, .5, 1, 2, & 4 watts power taps plus "OFF" clearly identified. Suitable strain relief shall be included to protect hook-up leads and accommodate conduit installations. CRS enclosure shall measure 12.992" (330mm) in diameter by 3.937" (100mm) in Depth and have a volume of 382in<sup>3</sup> (6.26ltrs.). System shall include a 78" (2m) mounting chain which shall fasten via eyelets provided on the enclosure top to ensure level orientation when suspended for upward sound radiation.

Assembly shall be finished in textured white epoxy

### Technical Specifications

Loudspeaker Type	8" Dual Cone
Magnet Size	10oz (260g)
Transformer Taps	.25, .5, 1, 2, & 4 Watts, plus off
Sound Dispersion	Upward
Enclosure Volume	382in <sup>3</sup> (6.26 ltrs.)
Height	3.937" (100mm)
Outside Diameter	12.992" (330mm)
Weight	9.2lbs (4.17Kg)

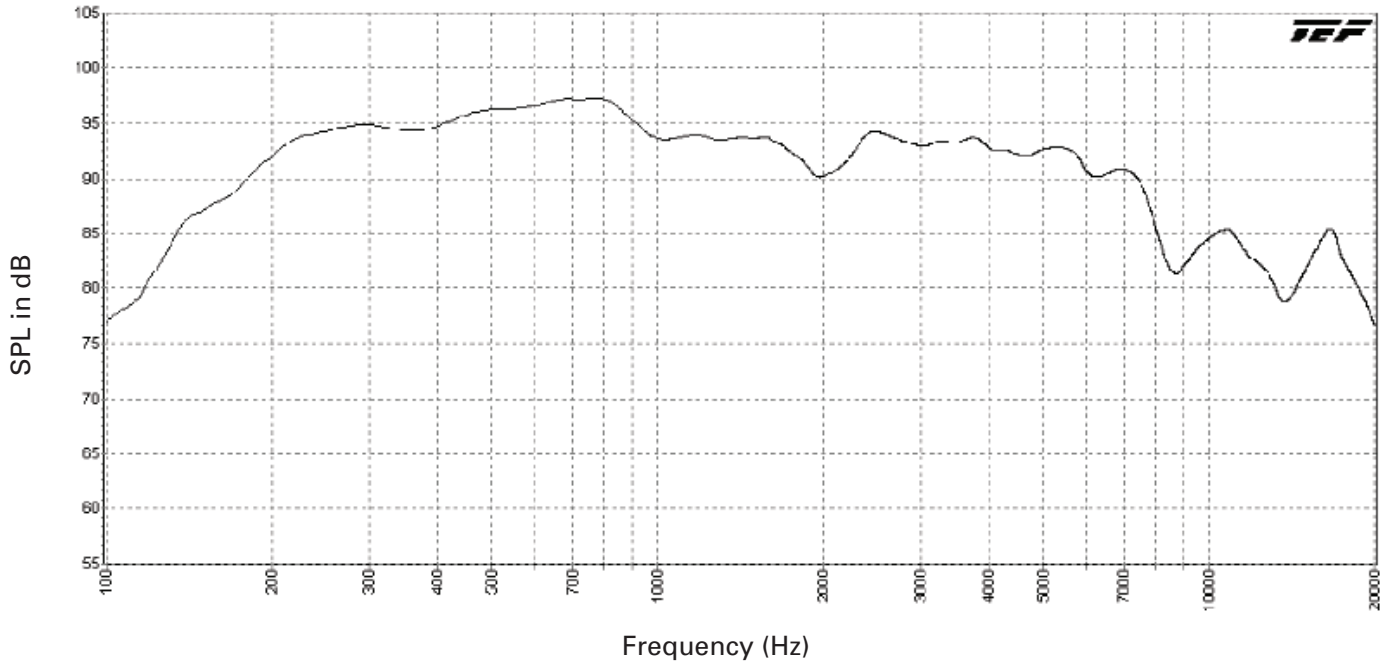
### Features

- Sleek, round appearance designed for mounting in open plenum areas where speakers may be visible
- Balanced enclosure design to ensure level orientation when suspended (78" (2m) suspension chain included)
- Fully assembled package includes 8" transducer with high quality line matching transformer
- .25 to 4 watt (@70.7V) power selection (plus OFF) via external switch
- 382in<sup>3</sup> (6.26L) enclosure volume for accurate low frequency masking spectrum reproduction
- Strain relief to facilitate input termination
- Tested and approved to UL2043 standard for use in air handling (plenum) spaces
- White finish to blend in with almost any ceiling décor

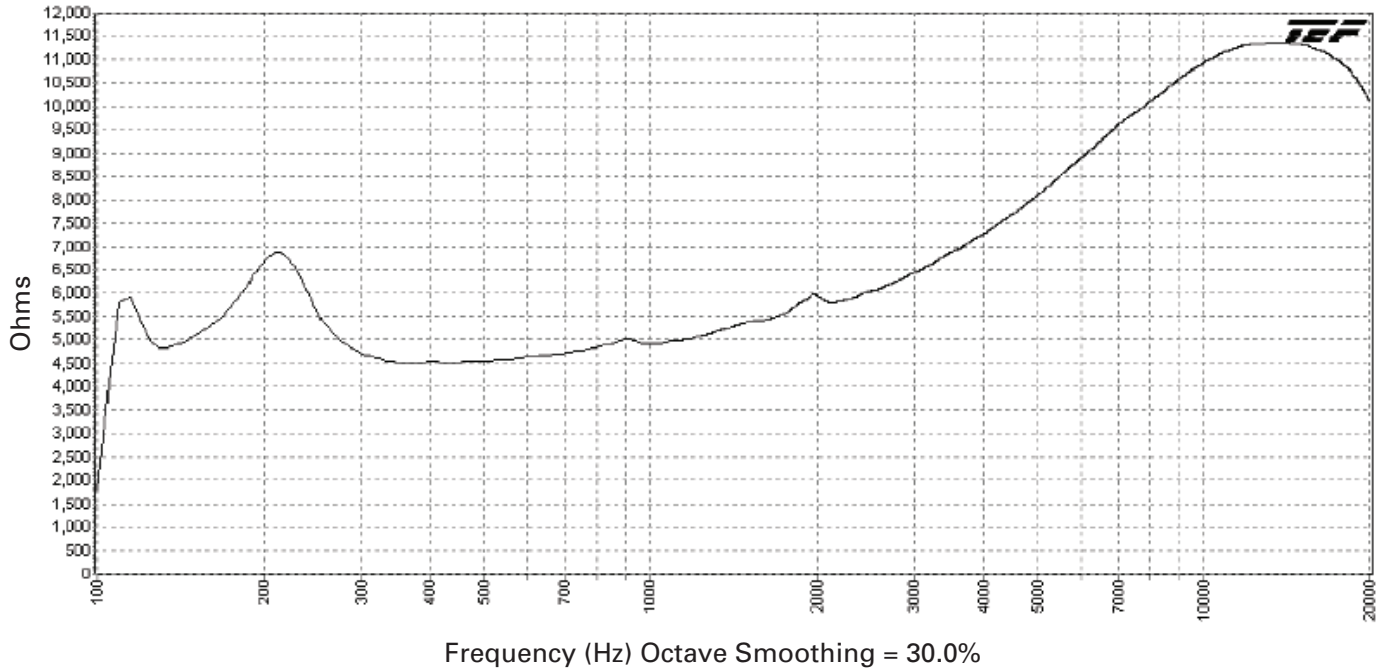
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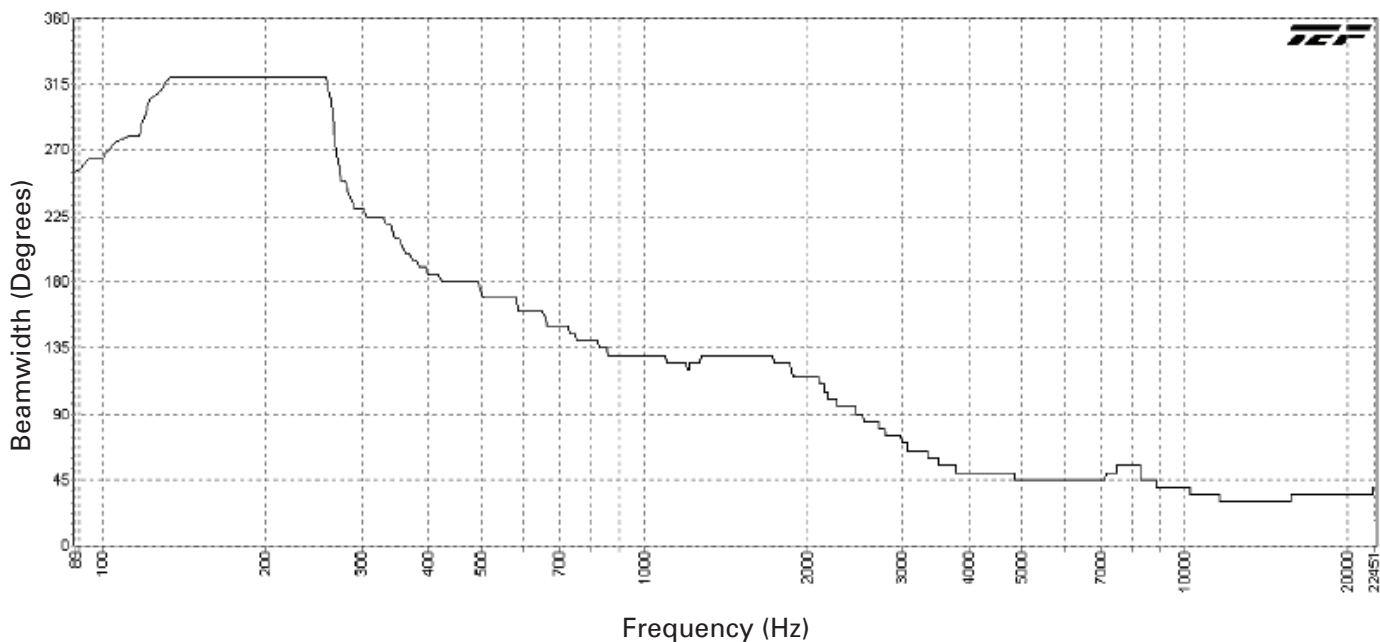
### M1000R-W Sensitivity



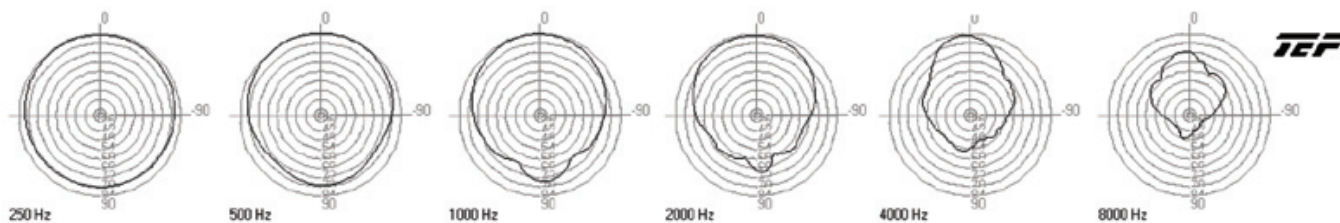
### M1000R-W Impedance



## M1000R-W Beamwidth (-6 dB)



## M1000R-W Polars (Normalized to Zero on Axis) (-6 dB)



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