



M1000 & M1000-W

Sound Masking Loudspeaker Assemblies



M1000-W
Upward Dispersion Setup



M1000
Upward Dispersion Setup



M1000
Horizontal Dispersion Setup

General Description

With a majority of America's workplaces having adopted an open office plan, favoring a labyrinth of cubicles over traditional closed offices, conversational privacy has become an increasingly sensitive issue. A properly designed sound masking system can significantly increase speech privacy and improve the overall work environment.

The new Atlas Sound M1000 masking speaker assembly is designed to accurately reproduce the needed spectrum of masking sound into the plenum space. The innovative 734 in³ square enclosure ensures ample low frequency response. A specially designed 8" dual cone loudspeaker is included in the package. A high efficiency 70.7V internal transformer is coupled to an external selector switch for easy system tuning. For more precise adjustments, an off switch and a wide selection of wattage taps ranging from .25 watts to 4 watts are provided. Along with the various wattage tap selections, the M1000-W comes with an 8 Ω bypass setting.

The exclusive Atlas Sound EZ hang brackets simplify installation. This innovative suspension system utilizes two collapsible galvanized hangers configured to allow quick upward, downward, or horizontal firing installation. The hangers are factory-installed on the unit and fold flat for shipping. To meet most local code requirement, the M1000 includes an innovative cover containing both knockouts and a strain relief. This system will allow the use of rigid or flexible conduit (if required) and easily accommodates "through" connections on the removable plate. To fit continually shrinking construction budgets, the M1000 is very aggressively priced. Contact your regional Atlas Sound representative for details.

Architect & Engineer Specifications

Sound masking assembly shall be Atlas Sound model M1000 or M1000-W. Unit shall contain Atlas Sound 8" diameter Loudspeaker equipped with a 70.7V transformer, an enclosure, baffle, and related mounting hardware. It shall be factory assembled, wired and ready for installation. Model M1000 shall include external tap selector switch with an off position and .25 .5, 1, 2, & 4 watts power taps clearly identified. Model M1000-W shall include an external tap selector switch with an off position and .25 .5, 1, 2, & 4 watts power taps and an 8 Ω bypass clearly identified. Suitable strain relief shall be installed to protect hook-up leads and accommodate conduit installations. Provisions on input panel also included to facilitate up to 3/4" conduit.

The CRS enclosure shall measure 11 1/16" (243 mm) L x 11 1/16" (243 mm) W x 5 1/2" (140 mm) H and have a volume of 734 in³ (12,075.1 cm³). It shall include fiberglass material to further dampen the enclosure. Baffle shall be a sturdy steel one-piece CRS grille measuring 11 1/16" (243 mm) L x 11 1/16" (243 mm) W. Grille shall have a perforated loudspeaker opening. Baffle and enclosure shall be finished in textured black epoxy or white epoxy finish on the M1000-W. Assembly shall include a dual suspension hanger system which fastens via holes provided on the enclosure. Hangers shall be adjusted for (upward, downward or horizontal radiation.)

Features

- Pre-assembled unit includes 8" dia. loudspeaker, transformer, enclosure, baffle and mounting hardware
- Labor-saving hardware package – complete with new snap hanger assembly, allows quick and easy installation
- Innovative input panel includes combination knock-out and strain relief connector to accommodate flexible or rigid conduit
- Design enables upward, downward, or horizontal orientation
- 734 in³ enclosure for extended low frequency response
- Available in Black or White epoxy finishes to blend with a variety of open ceiling plans
- Suitable for use above suspended ceiling systems or open ceiling spaces approved for use in air handling (plenum ceilings)
- UL 1480 & UL 2043

Technical Specifications

Loudspeaker	8" Dual Cone
Magnet Weight	10 oz (260 g)
Transformer Taps	.25, .5, 1, 2, & 4 Watts, plus an off switch (plus an 8 Ω bypass on the M1000-W)
Sound Dispersion	Upward, Downward, or Horizontal
Enclosure Volume	734 in ³ (12,075.1 cm ³)
Height	5 1/2" (13.97 cm)
Length	11 1/16" (29.4 cm)
Width	11 1/16" (29.4 cm)
Weight	9 lbs (3.4 kg)



M1000
Input Panel & Top Selector Switch

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