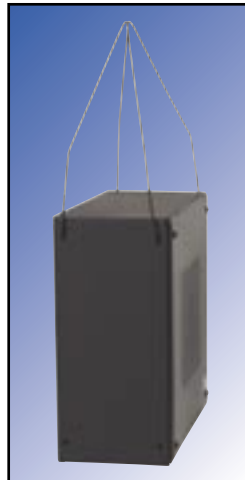


M1000



With a good 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 **M1000** masking speaker assembly is designed to accurately reproduce the needed spectrum of masking signal into the plenum space. The innovative 734 cubic inch 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, a wide selection of wattage taps ranging from, 1/4 watt to 4 watts plus off are provided.

The exclusive Atlas Sound EZ hang brackets simplify installation. This innovative suspension system utilizes (2) collapsible galvanized hangers configured to allow quick upward or side firing installation. The hangers are factory-installed on the unit and fold flat for shipping. To meet most any 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.

### 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 or Horizontal Sound Dispersion
- 734 Cubic Inch Enclosure for Extended Low Frequency Response
- Black Epoxy Finish Blends with Open Ceiling Plans
- Suitable for Use Above Suspended Ceiling Systems
- UL 1480 & 2043 Listed

SPECIFICATIONS							
MODEL	LOUDSPEAKER	MAGNET WEIGHT	TRANSFORMER TAPS	ENCLOSURE		SOUND DISPERSION	WEIGHT
M1000	8" DUAL CONE	10 oz. (260g)	off, .25, .5, 1, 2 and 4	VOLUME	DIMENSIONS	Upward, Downward and Horizontal	9 Lbs. 3.4 kg.
				734 Cubic in.	11 9/16" L x 11 9/16" W X 5 1/12" H (243 X 243 X 140MM)		

### • Five Year Limited Warranty •





## MG2500

The Atlas Sound **MG2500** Sound Masking Processor is a digital pink-noise generator that includes a balanced line-level audio input and 2-channels of digital signal processing, all in a single rack-space unit. An extended 'non-apparent' repeat time of noise (200 minutes) and output delay with distance/delay calculation, per channel helps ensure the masking source will not be decoded in high security installations. The **MG2500** includes two independent matrices for channel-to-channel mixing and balanced input & outputs on plug-in barrier strip connectors. Noise & audio levels, plus two channels of combined 1/3 octave & parametric equalization, EQ, gain management & delay, are adjusted via computer software (Windows 95/98/2000/XP/NT4). Sixteen presets can also be recalled via contact-closures, RS-232, or other remote control options. There are no manual controls on front panel, to prevent tampering. All programming software & serial cable included. UL Listed.

## SPECIFICATIONS

MODEL	MG2500
FREQUENCY RESPONSE	(20Hz-20kHz @ +4dBu): +0/-0.5dB
SAMPLING RATE	48kHz
THD+Noise	(20Hz-20kHz @ +4dBu): < 0.002%
A/D & D/A CONVERTERS	128x oversampled 24-bit sigma delta
DYNAMIC RANGE	(20Hz-20kHz): > 100dB
POWER CONSUMPTION	< 15 watts
MAXIMUM GAIN	20dB
DIMENSIONS	(1 rack space) 1.75" (44mm)
INPUT IMPEDANCE	(balanced): 20k ohms height
MAXIMUM INPUT	(balanced): +24dBu width 19" (483mm)
OUTPUT IMPEDANCE	(balanced): 200 ohms depth 7" (178mm)
MAXIMUM OUTPUT	(balanced): +24dBu
WEIGHT	4.5 lbs. (2.04kg)

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