



SPEC DATA SHEET # OX DSP-1

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OX DSP-1 SOUND MASKING GENERATOR

Model #SMG-1R rack mount generator produces and analog pink noise signal for systems that utilize a separate amplifier to drive the sound masking speakers (ordered separately), in order to produce random low-level background noise to mask ambient noise and aid conversational privacy.

FEATURES:

- Generator outputs include high impedance line (RCA jack) and balance line that can be switched between line level and mic level (terminal strip) for matching input requirements of most commercial equalizers and amplifiers.
- Controls include output level and an adjustable low pass filter that shapes frequencies at 9dB per octave with roll off at 300Hz.
- Also handy for system equalization and audio equipment testing.



FRONT VIEW



REAR VIEW

SPECIFICATIONS:

- | | |
|----------------------|--|
| - Noise Type: | Analog pink (equal energy per octave) |
| - Unbalanced Output: | 500mV |
| - Low Pass Filter: | 500mV (line); 5mV (mic) |
| - Chassis: | Full Right (flat); Full Left (30GHz roll off) |
| - Power Supply: | Steel with black powder epoxy finish
(19" x 4" x 1.75") |





Intelligent Acoustic Solutions

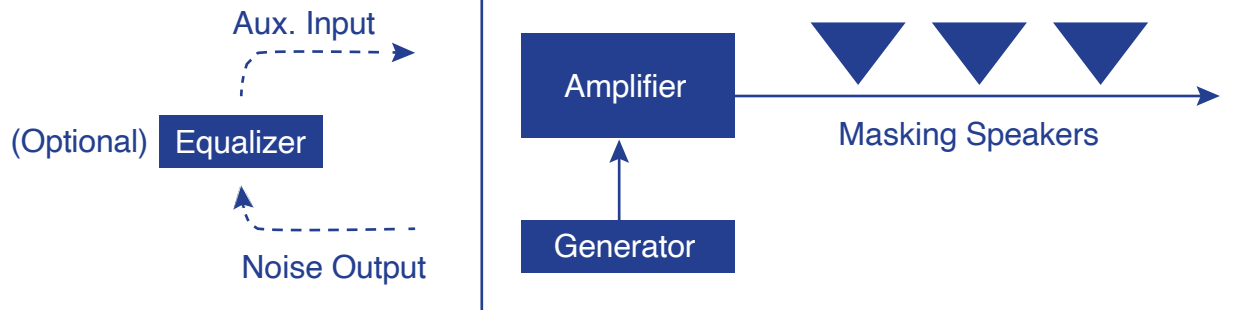
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A&E SPECIFICATIONS

The rackmount sound making generator (without amplifier) shall be Lowell model SMG-1R, which shall produce an analog pink noise signal. It shall have a balanced low-impedance line output that may be switched between the line level (500mV) and mic level (5mV), and a high-impedance unbalanced line output (500mV). Controls shall include output level and low pass filter. The steel rackmount chassis shall have a black powder epoxy finish and measure 19" x 4" x 1U. An external power supply with four plug adaptors shall be included.

TYPICAL CONFIGURATION



LOW PASS FILTER RESPONSE (APPROXIMATE)

