



Rackmount generator produces an analog pink noise signal for systems that utilize a separate amplifier to drive sound masking speakers, 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 balanced 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.
- Specifications:
 - Noise Type: Analog pink (equal energy per octave)
 - Unbalanced Output: 500mV
 - Balanced Output: 500mV (line); 5mV (mic)
 - Low Pass Filter: Full Right (flat); Full Left (300Hz roll off)
 - Chassis: Steel with black powder epoxy finish (19" x 4" x 1.75")
 - Power Supply: UL Listed power supply with 6 ft. cord. (100-240VAC input; 24VDC 500mA output). Includes 4 plug adaptors: NEMA 1-15 for North America (factory installed), Schuko CEE 7/16 for central Europe, BS1362 for the U.K., AS3112 for Australia/New Zealand.
 - Origin: Made in the U.S.A. with global components

A&E SPECIFICATIONS:

The rackmount sound masking 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 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.

SMG & SMGA Series Overview

Model No.	Description	Style	Signal Noise Type	Chassis
SMG-1	Sound masking generator	Standalone chassis	Analog Pink	6" x 5" x 1.5"
SMG-1R	Sound masking generator	Rackmount chassis	Analog Pink	19" x 4" x 1.75" (1U)
SMGA-5A	Sound masking generator w/amplifier, 5W	Chassis w/universal mtg. brackets	Analog Pink	12.2" x 6" x 1.5" *
SMGA-25	Sound masking generator w/amplifier, 25W	Chassis w/universal mtg. brackets	Analog Pink	12.2" x 6" x 3.2" **

This spec

* Size with brackets – 19"W x 6" x 1.75" (1U)

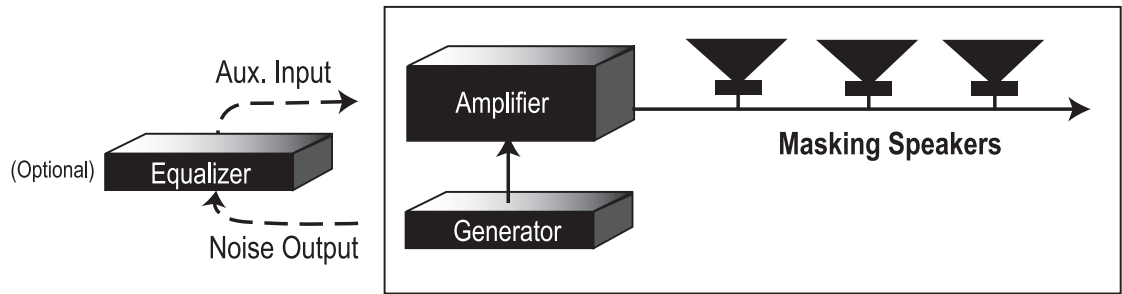
** Size with brackets – 19"W x 6" x 3.5" (2U)



REAR PANEL:



TYPICAL CONFIGURATION:



LOW PASS FILTER RESPONSE (approximate):

