

includes mounting brackets
12.2"W x 1.5"H x 6"D



Features

- **Description:** The SMGA-5A provides an analog noise signal along with an amplifier (5W into 70V or 8 ohm) for sound masking applications. The generator produces a pink noise output signal that is fed to sound masking speakers (ordered separately) to mask ambient noise, which allows for greater privacy in conversations and less distractions for improved productivity.
- **Noise Generator:** Outputs include a Pre-EQ and a Post-EQ line level (~500mV) pink noise signal. The Pre-EQ output has a flat spectrum that can be used as the input to equalizers that feed power amplifiers for masking systems that require precise equalization. The Post-EQ output spectrum is adjusted by the bass, mid, and treble controls and can be used for less demanding applications that utilize basic spectrum shaping.
- **Amplifier:** Speaker line output is adjusted by bass, mid, and treble controls.
- **AUX Input:** Independent level control is provided to add paging or background music to the masking system.
- **Outputs:** Include hi-Z line level, Pre-EQ and Post-EQ, 8ohm speaker, and 70V speaker line (5W maximum).
- **Controls:** Bass, mid, and treble controls allow for basic noise spectrum shaping without an external equalizer.
- **Chassis:** Steel chassis measures 12.2"W x 3.2"H x 6"D. Includes mounting brackets for rack, shelf, wall, or under counter.
- **Power Supply:** Universal input (100–240VAC) and 24 VDC @2.5A output.
- **Specifications:**
 - Generator output: Pink noise (equal energy per octave)
 - Generator output level: 500mV hi-Z unbalanced
 - Connections: RCA phono jacks and pluggable barrier strip
 - Controls: Bass, mid, treble, volume, aux volume
 - Amplifier output: 8 ohm or 70V
 - Aux input: hi-Z line
 - Power requirements: 24VDC 1.5A (includes power supply)
 - Chassis Dimensions: 12.2"W x 1.5"H x 6"D
 - Dimensions with included brackets: 19"W x 1.75"H (1U) x 6"D
- **Compatible Components (order separately):**
 - SM Series Speakers: Above ceiling sound masking speakers with 4" or 8" driver.
 - LT/SM Series Speakers: For lay-in tile ceilings, speakers for music/paging and sound masking in one unit. Includes 8" driver. Available in 1'x2' or 2'x2' format.



A & E Specifications

The sound masking generator/amplifier shall be AVLELEC Model SMGA-5A. The generator shall produce an analog pink noise signal and have both Pre-EQ and Post-EQ hi-Z line level outputs. Generator controls shall include level, bass, mid, and treble. The amplifier shall provide up to 5W amplification to drive sound masking speakers (ordered separately), and feature outputs at 8ohm and 70V line. The amplifier shall have an independently controlled auxiliary hi-Z line level input to mix paging, music, or signaling with the masking system. The unit shall be housed in a steel chassis measuring 12.2"W x 1.5"H x 6"D. It shall include mounting brackets (for wall, shelf, rack or under counter use), and a power supply with universal input (100–240VAC) and 24VDC @ 2.5A output.

Dimensions are inches and [mm] unless stated otherwise.

