

SMG-40 Sound Masking Generator

DATASHEET



The Contemporary Research SMG-40 Sound Masking Generator is a sound masking noise generator with integrated 40 watt power amplifier. The internal filtered noise source is optimized for masking speech in real-world applications.

Housed in a compact metal enclosure, the amplifier can output 40W audio over two RJ-45 ports or 3-pin captive screw terminal for 25V or 4/8 Ohm speakers. A stereo Music input and level control is available for BGM applications. A mute control port will mute the amplifier output when activated via contact closure.

FEATURES

- Employs shaped pink noise optimized for speech privacy with level adjustment and bass, treble tone controls
- Supports 3.5mm stereo Music input with independent level control
- Amplifier output 40 W RMS
- Provides 3-pin captive-screw terminal for 25V and 4/8 Ohm amplifier outputs
- Dual parallel RJ-45 25V amplifier outputs compatible with Cambridge Qt Emitters
- 4/8 Ohm output may be used with 70V step-up transformer
- Audio Mute port operates with contact closure to mute amplifier
- Short circuit, overload, and thermal protection
- Metal enclosure with flanges for surface mounting
- Made in America

SPECIFICATIONS

Physical	Dimensions: 2.375" [60mm] H x 5.5" [140mm] W x 3.875" [98mm] D Weight: 1 lb [454 g] Enclosure: All Aluminum enclosure with durable black powder coat paint, flanges for surface mounting
Audio	Amplifier: High Efficiency Class D Music Input: 3.5mm TRS stereo unbalanced, 5K ohms, 1.4V RMS max, internally summed to mono Noise Generator: Shaped pink noise optimized for speech privacy Output: Transformer isolated, 40 W RMS at 4 ohms or 25 V Gain: 20dB max
Control	Mute: 2-pin captive screw terminal for contact closure
Front Panel	Green LED power indicator Bass, Treble, masking tone controls Music level control Masking level control
Power In	2-pin captive screw terminal. 24 V DC typical, 2 A max

Includes:

PS24-2.5 Power Supply (5406-001), 24 V DC, 2.5 A maximum