

Product Manual

SMG-40

Sound Masking Generator



Overview

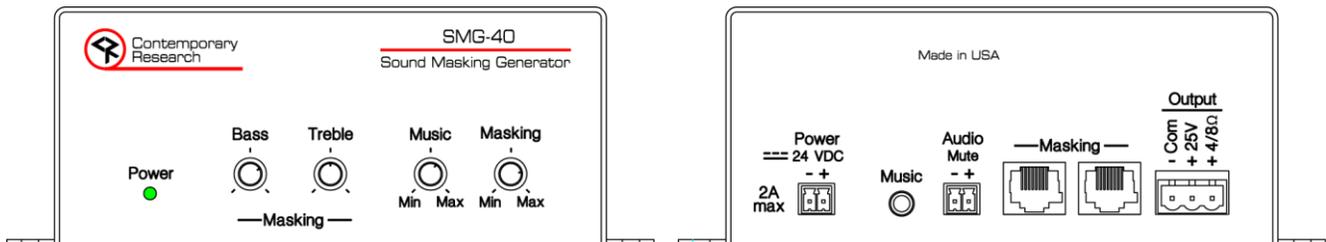


The Contemporary Research SMG-40 Sound Masking Generator has the power to drive over 30 25V plenum and ceiling speakers, 70V transformer, 4/8 ohm speakers, and over 100 Cambridge Qt® Emitters. Many masking generators use standard pink noise while the SMG-40 filtered noise is optimized for masking speech in real-world applications.

Housed in a compact metal enclosure, the amplifier can output 40W audio over two RJ-45 ports and a 3-pin Phoenix terminal for 25V, or 4/8 Ohm speakers and 70v transformer. A stereo Music input and level control is available for PA applications. A contact closure input can mute the amplifier when activated.

- Employs pink noise optimized for speech privacy with bass, treble and level adjustment
- Supports 3.5mm stereo Music input with independent level control
- Drives speakers at 40 W RMS
- Dual RJ-45 outputs for Cambridge Qt Emitters
- Provides 3-pin captive-screw terminal for 25V and 4/8 Ohm speakers or 70V transformer
- Includes closure input to mute amplifier
- Metal enclosure with flanges for surface mounting
- Made in America

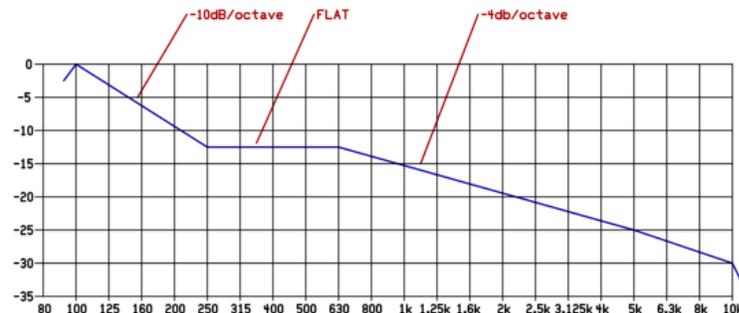
Specifications

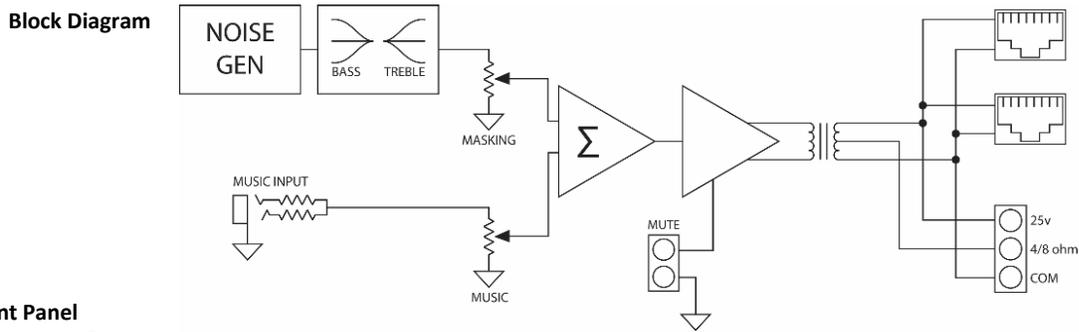


Physical **Dimensions:** 5.5" [140mm] W (6.46" [168mm] inc. flange) x 2.375" [60mm] H x 3.875" [98mm] D
Weight: 1 lbs [454g]
Enclosure: All aluminum with durable black powder coat paint, flanges for surface mounting

Audio **40W RMS Class D, highly energy-efficient, operates with very little heat**

Filter **Pink Noise optimized for speech privacy**





Front Panel

- Power** Green LED
- Masking** Masking level
Bass level
Treble level
- Music** Music level

Back Panel

- Power** 24 VDC, 2A max
 - Music** Stereo line-level 3.5 mm jack, unbalanced, 7.5K ohms impedance
 - Audio Mute** 2-pin captive-screw terminal, closure mutes amplifier output
 - Audio Output** Two RJ-45 Cat5 cable output for Cambridge Qt Emitters
-
- Three-pin captive screw terminal
Com
25V
4/8 Ohms (can feed to 32W 8 Ohm-70V transformer for 70V operation)

- Includes** PS 24-2 24 VDC 2 A Power Supply
One 2-pin, one 3-pin captive screw terminals
- Options** 32W 8 Ohm to 70V transformer (by others)

Limited Warranty and Disclaimer

Warranty: Three (3) year limited warranty on all parts and labor for Contemporary Research manufactured products from the day of purchase by authorized dealer. Manufactured products are warranted against defects in materials and workmanship. If Contemporary Research receives notice of such defects during the warranty period, Contemporary Research will repair or replace, at its option, products that prove to be defective.

Exclusions: The above warranty shall not apply to defects resulting from improper or inadequate maintenance by the customer, customers applied software or interfacing, unauthorized modifications or misuse, mishandling, operation outside the normal environmental specifications for the product, use of the incorrect, modified or extended power supply, or improper site operation and maintenance. *Please note Contemporary Research SSV-DX Display Express PC product carries a six month limited warranty.*