



Voice Masking Generator OVERVIEW



VMG-20C

Voice Masking Generator

The VMG-20C is portable, direct-field Sound Masking System (SMS) designed for a variety of speech masking applications. It can be battery operated or powered by an standard 110/220 VAC outlet using the supplied 12 VDC power supply. The unit includes a 4-watt amplifier, built in speaker (or optional external speaker), On/Off Switch and Volume Control.

Conversations spoken in one room can easily escape though holes in the walls, gaps beneath the doors, or vents, electrical outlets and ductwork. These gaps are typically called Flanking Paths and are major contributor to acoustical security vulnerabilities. Doors and walls with poor attenuation properties allow others outside of the room to hear what's being said inside the room. The VMG-20C is a self-contained battery-powered unit that can operate for up to 12 hours on a single 9 volt battery or it can be permanently powered with the supplied power supply.

VMG stand for Voice Masking Generator because the device specifically target voice frequencies using a unique, factory programmable memory chip. We can upload custom sounds tailored to the specific sound masking task.

Features

- ▷ Battery Operated Hands-free 4 Watt Amplifier; Simple to Use
- ▷ Factory Programmable for any Desired Sound (Voices, Pink or White Noise)
- ▷ Use the internal Speaker or Attach an External Speaker Via the RJ-11 Jack
- ▷ 12 Hours Operating Time Using 9 V Battery; Excellent Sound Quality

Dimensions

SIZE: 5.4" x 3.4" x 1.2"

WEIGHT: 12 oz. (340.2 g)

Power

One 9 Volt Battry
Optional 12 VDC Transformer (120/240 VAC)

Battery Life: Typically 12 hours at 1/2 level;
2 hours at full level

Output Sound Level

Max 96 dB @ 4 ft.

Audio Frequency
Range: 100 Hz-8 kHz



Optional Wall Speaker



Optional Protective Sleeve

This approach is superior to other masking system because VMG uses real voice frequencies to mask voice, not White or Pink noise which has been proven ineffective at masking speech. This is generally best accomplished by creating voice masks that mirror the person speaking. We also have made the VMG unit very flexible by allowing an external speaker to be connected (instead of using the built in speaker). This allows various speaker types to be used depending on the application.

Simply turn on unit and place it against a wall or door. Audio generated through the speaker will vibrate the structure at an audio rate making it very difficult for someone else to listen to your sensitive conversation. Reducing the intelligibility of a conversation outside of a protected area is important for maintaining privacy.

VMG-20C is affordable, customizable, and simple to use.

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