

# PNG-200 PORTABLE NOISE GENERATOR

*Owner's Guide*

The PNG-200 is designed as a portable acoustic noise generating unit that can be used in a variety of ways. The noise generating circuitry has been optimized for voice band noise masking against listening devices & is designed to reduce the effectiveness of eavesdropping devices such as microphones and tape recorders. When multiple units are used in concert, a complete environment masking system can be easily installed in any environment. The PNG-200 can be mounted to smooth surfaces using suction cups for effective coupling with the noise transducer & the structure surface.

## TYPICAL USES



- Mounted to windows to defeat laser threats.
- Mounts easily to walls for protection against listening devices that rely on acoustic leakage (i.e. contact mics, spike mics, human ear).
- Environment noise to create interference for microphones in the environment.
- Placed on a desk between two individuals having a conversation to create interference for microphones or tape recorders.



## INSTRUCTIONS

Place the PNG's around the perimeter of a meeting (see right) to protect conversations from listening devices outside of the listening area (PNG should be facing away from the meeting).



Mount the PNG on windows or walls using the included suction cup or the included pushpin.

## TECHNICAL NOTES AND SUGGESTIONS

Set the sound level for window & wall mount applications by listening to the opposite side of the wall/window using a contact mic test device (such as the ALP-700 or the ASA -2000). Increase the sound volume of the PNG-200 until no sound from the opposite side of the surface can be heard.

When using the PNG-200 in an open environment; do not talk any louder than necessary, and each person should talk directly to the person with whom they are conversing in close proximity.

## BATTERY REPLACEMENT

The PNG-200 is designed with a pressure fit case, with the batteries inside the case. To replace batteries, pry each side of the case apart. After replacing batteries, press the outer case back into place until the snaps lock into place.

## SPECIFICATIONS

Size: 5.38 x 3.38 x 1.25 in (13.67 x 8.59 x 3.18 mm)

Weight: 12 oz (340.2 g)

Audio Frequency Range: 300Hz – 3kHz

Output Sound Level: MAX 92 dB @ 4 ft.

Power: Two 9V alkaline batteries; AC transformer 120 VAC

Battery Life: Typically 7 hours at ½ volume level, 2 hours at full volume level.

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