Protect your privacy...
Protect proprietary or sensitive conversations against eavesdropping threats from perimeter contact microphones and reflected laser listening devices.

ANG-2200 Features
The ANG-2200 injects tuned masking noise into perimeter structures to mask structure-bound audio. Acoustic Spectrum Analysis Software (ASA-2000) ensures the masking noise is properly adjusted to provide adequate masking without being too loud or disruptive.

- True random noise source with no statistical repeatability
- Independently controlled dual channels for use on different structures
- “Tunable” masking noise for specific environmental requirements
- Provides an eavesdropping defense against devices that may not be detected by conventional methods

ANG-2200 Accessories
TRN-2000 Transducer injects acoustic noise into walls, ceilings, windows, plumbing, air ducts, and other vulnerable structures.

OMS-2000 Omni Directional Speaker projects masking noise into drop ceiling air spaces, closets, crawl spaces, and other vulnerable air spaces.

ASA-2000 Acoustic Spectrum Analysis Software and ALL-2000 Acoustic Leakage Probe for acoustic leakage analysis and proper adjustment of noise generator ensuring adequate masking without being too loud and/or disruptive.

Rack Mount System available for secure centralized control of multiple Acoustic Noise Generators.
**ANG-2200 Technical Specifications**

**ANG-2200 Acoustic Noise Generator**

- **Size:** 1 5/8 in x 4 3/16 in x 7 in (4.1 cm x 10.6 cm x 17.8 cm)
- **Weight:** 2 lbs (930 g)
- **Each Channel:**
  - Independent Random Noise Source
  - Output voltage: 10 Vp-p @ 6 Ω (2 Ω min load)
  - Frequency range: 125 Hz to 5.6 kHz
  - Equalizer: LF 180 Hz ± 12 dB, HF 3 kHz ± 12 dB
- **Power:** 15 VDC @ 1 A (AC adaptors supplied for 120 or 240 VAC)

**Accessory Specifications**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Size:</strong> 3 in x 1 1/4 in (7.6 cm x 3.1 cm)</td>
<td><strong>Size:</strong> 5 in x 5 3/4 in (12.7 cm x 14.6 cm)</td>
<td><strong>For use with REI PC Interface</strong></td>
</tr>
<tr>
<td><strong>Weight:</strong> 1.0 lbs (454 g)</td>
<td><strong>Weight:</strong> 2.0 lbs (907 g)</td>
<td><strong>Frequency Response:</strong> 50 Hz to 10 kHz</td>
</tr>
<tr>
<td><strong>Impedance:</strong> 6 Ω</td>
<td><strong>Impedance:</strong> 24 Ω</td>
<td>(Surface Dependant)</td>
</tr>
<tr>
<td><strong>Max Transducers per Channel:</strong></td>
<td><strong>Max Speakers per Channel:</strong></td>
<td><strong>FET Preampl Bias:</strong> 3 to 9 VDC</td>
</tr>
<tr>
<td>3 @ full level (parallel)</td>
<td>12 @ 1/2 level (six groups of two)</td>
<td><strong>Sensitivity:</strong> Optimized for voice use / low noise element</td>
</tr>
<tr>
<td>12 @ 1/2 level (six groups of two)</td>
<td>27 @ 1/3 level (six groups of three)</td>
<td><strong>Impedance:</strong> 2 kΩ</td>
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**OMS-2000 Omni Directional Speaker**

- **Size:** 5 in x 5 3/4 in (12.7 cm x 14.6 cm)
- **Weight:** 2.0 lbs (907 g)
- **Impedance:** 24 Ω
- **Max Speakers per Channel:** 12 @ full level

**ALL-2000 Acoustic Leakage Probe**

- **Frequency Response:** 50 Hz to 10 kHz
- (Surface Dependant)
- **FET Preampl Bias:** 3 to 9 VDC
- **Sensitivity:** Optimized for voice use / low noise element
- **Impedance:** 2 kΩ

**ASA-2000 Acoustic Spectrum Analysis Software and ALL-2000 Acoustic Leakage Probe**

The ASA-2000 and ALL-2000 allow the user to evaluate structure-bound audio for analysis and proper adjustment of the ANG-2200. This provides adequate masking without being too loud and/or disruptive.