



ANG-2200

ACOUSTIC NOISE GENERATOR

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 V_{p-p} @ 6Ω (2Ω 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

TRN-2000 Transducer

Size: 3 in x 1 1/4 in (7.6 cm x 3.1 cm)

Weight: 1.0 lbs (454 g)

Impedance: 6Ω

Max Transducers per Channel:

3 @ full level (parallel)

12 @ 1/2 level (six groups of two)

27 @ 1/3 level (six groups of three)



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: 24Ω

Max Speakers per Channel:

12 @ full level



ALL-2000

Acoustic Leakage Probe

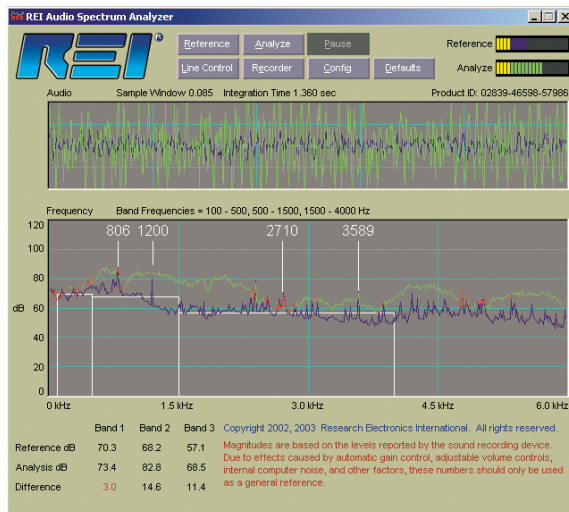
For use with REI PC Interface

Frequency Response: 50 Hz to 10 kHz
(Surface Dependant)

FET Preamp 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 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.