



Citation Manufacturing Co., Inc.

71 E. Eckerson Road • Spring Valley, NY 10977 • Ph/Fax 845-425-6868

SOUND MASKING

THE SOUND SOLUTION TO THE PROBLEMS OF SPEECH PRIVACY AND NOISE DISTRACTION



APPLICATIONS

- Open & closed offices
 - Conference rooms
 - Libraries
 - Classrooms
 - Cluster-core type workstations
 - Anti-bugging
 - Secure (SCIF) Rooms
 - HIPAA Privacy Compliance
- PATENTED-other patents pending

ARCHITECTS AND ENGINEERS SPECIFICATION

Model S201 Series- Plenum Mounted Speaker shall contain a four inch diameter high efficiency speaker. The speaker shall be contained in a metal canister of 6 inch diameter x 8 inches high, that will be supported by a # 16 jackchain, 3 feet long with S-hook that will allow the speaker canister to be mounted into the ceiling plenum. The unit shall contain a continuously variable volume control to adjust the volume level to a maximum of 90 dB(A). The volume control shall be mounted to a printed circuit board along with three two pin headers that will allow interconnection between speakers and the noise generators source. In case of 25/70 volts to 8 ohms transformer hook-up, the specified tap, .5, .75, 1.25, 2.5, 5 watts shall be attached at the factory to the printed circuit board.

The Model S201- Series Plenum Mounted Speaker is available as follows:

S201-08	8 ohms
S201-25	25 volts
S201-70	70 volts



ARCHITECTS AND ENGINEERS SPECIFICATION

Model M101-PM Panel Mounted Noise Generator is a broadband analog noise generator with true randomness and gaussian distribution or equivalent. It shall be capable of producing an output level of 1 volt into 600 ohms (0 dB M). It shall have an adjustable low pass and high pass filter. The maximum intensity level shall be 90 dB(A) to the sound masking curve. The unit shall have a 600 ohm and 8 ohm output. The 600 ohm or 8 ohm output may only be utilized separately, not at the same time.

For North America- The unit shall have a power supply of 117V AC to 24V AC step down.

For Export- The unit shall have a power supply of 220V AC to 24V AC step down.

The unit shall have the capability to drive 16 S201-08, 8 ohm high efficiency speakers. Each speaker has a sound masking coverage of 250 sq.ft. (speakers on 15 foot center to center spacing); the sound masking coverage is 4000 sq.ft.