



# Citation Manufacturing Co., Inc.

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



## ARCHITECTS AND ENGINEERS SPECIFICATION

### SOUND MASKING

**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 or 8 ohms (0 dB M). It shall have an adjustable low pass and high pass filter, spectrum shaping filters, along with a master volume control that shall be adjustable to an intensity of 90 dB(A) and conform to the sound masking spectrum curves. 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.

### Power Supply

For North America- The unit shall contain a power supply of 117V AC to 24V AC stepdown. UL/CSA Approved.

For Export- The unit shall contain a power supply of 220V AC to 24V AC stepdown. UL/CSA Approved. Optional.

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

### Accessories

- PL101** - Mounting plate, wall- for M101-PM Noise Generator  
Dimensions 6 1/2 in.W x 8 3/4in.H
- T301** - Power transformer, plenum mounting or electrical closet mounting.  
117V AC to 24V AC, 40VA step down. UL/CSA approved.
- T302** - Power transformer, plug-in  
220V AC to 24V AC, 40VA, step-down. UL/CSA approved.
- W4025** - Power cable, 25 feet for interconnection from 24V AC secondary of transformer to noise generator 24V AC connection on the printed circuit board. For use with transformer T301.
- W4020** - Speaker cable, 20 feet, with 2 pin connectors at both ends. Plenum grade,  
18 GA, 2 conductor, NEC 725, CL-2P. UL/CSA approved.