



Stage Monitor Model SM92-1

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker shall be a two-way floor monitor type with one 12" Full Range 2 Way Coaxial Point Source driver mounted in a bass reflex enclosure. The low frequency section shall contain one MCX 12" "Focused Field" driver with a power handling capacity of 300 watts RMS and shall have a sensitivity of 96 dB SPL measured at 1meter with 2.83 volts into a nominal 8 ohm load.

The high frequency section shall consist of one MCX 1" exit compression driver and horn combination with a power handling capacity of 100 watts RMS and a sensitivity of 109 dB SPL measured at 1meter with 2.83 volts into a nominal 16 ohm load. The combined loudspeaker system shall be capable of 123 dB SPL continuous and 129 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 100 Hz to 17 kHz +/- 3 dB (60Hz to 20 kHz -10 dB). The loudspeaker shall offer symmetrical coverage angles of 80o Horizontal, and 80o Vertical.

The enclosure shall weigh a total of 60 lbs. and shall measure 15 inches tall, 14.25 inches wide (9.25 inches at rear), 12 inches deep. The enclosure shall have a 35o fixed angle bottom, and the sides shall be angled at 15o from front to back forming a trapezoidal shape. The enclosure shall be made of 12-ply birch hardwood and shall have a weather and wear resistant ProCoattm elastomeric finish. The enclosure shall incorporate one steel handle on the top for easy mobility. Electrical connections shall be made via paralleled Neutrik NL-4 connectors, or optional NL-8 or EP series connectors. An optimized passive crossover network shall be switchable between full range and biamp modes.

The loudspeaker shall be the McCauley SM92-1.