



Stage Monitor Model SM95-1

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker shall be a two-way floor monitor type with one 15" Full Range 2 Way Coaxial Point Source driver mounted in a bass reflex enclosure. The low frequency section shall contain one MCX 15" "Focused Field" driver with a power handling capacity of 400 watts RMS and shall have a sensitivity of 98 dB SPL measured at 1 meter 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 1 meter with 2.83 volts into a nominal 16 ohm load. The combined loudspeaker system shall be capable of 126dB SPL continuous and 132 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 70 Hz to 17 kHz +/- 3 dB (50Hz to 20 kHz -10 dB). The loudspeaker shall offer symmetrical coverage angles of 80° Horizontal, and 80° Vertical.

The enclosure shall weigh a total of 62 lbs. and shall measure 18 inches tall, 18 inches wide (10.5 inches at rear), 16 inches deep. The enclosure shall have a 35° fixed angle bottom, and the sides shall be angled at 15° 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 ProCoat™ elastomeric finish. The enclosure shall incorporate one steel handle on each side 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 SM95-1.