



Installation Model AC622-2

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker shall be a two-way horn loaded "Long Throw" type. It shall comprise two low/mid ClearFibertm horn sections utilizing 12" transducers and one high frequency ClearFibertm horn flare utilizing a 2" throat compression driver. The 12" low/mid transducers shall incorporate low distortion carbon fiber cone technology and the "Focused Field" removable magnet structure design. They shall have a power capacity of 600 watts RMS and 1200 watts peak and a sensitivity of 109 dB SPL at 1 meter with 2.83 volts into a nominal 4 ohm load.

The high frequency driver shall incorporate "Unified Titanium Diaphragm" technology with a power handling capacity of 150 watts RMS above 1.5kHz and a sensitivity of 115 dB SPL at 1 meter with 2.83 volts into a nominal 16 ohm load. The combined loudspeaker system shall be capable of 132dB SPL continuous and 138 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 100 Hz to 18 kHz +/- 3 dB (70Hz to 22 kHz - 10 dB).

The loudspeaker shall offer nominal coverage angles of 45o horizontal, and 40o vertical. The AC622-2 shall weigh a total of 275 lbs. and shall measure 51.5 inches tall, 21.4 inches wide (15.2 inches at rear), 29.5 inches deep with a trapezoidal shape and the sides shall be angled at 5.6o from front to back. The AC622-2 enclosure shall be constructed of 12-ply birch hardwood and shall have a weather and wear resistant ProCoattm elastomeric finish. The AC622-2 enclosure shall incorporate 10 position industry standard ProTracktm flyware, two each top and bottom. Electrical connections shall be made via standard binding posts or barrier strips.

The loudspeaker shall be the McCauley AC622-2.