



Installation Model AC62-2

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker shall be a two-way horn loaded "Long Throw" type. It shall comprise one low/mid ClearFibertm horn section utilizing a 12" transducer and one high frequency ClearFibertm horn flare utilizing a 2" throat compression driver. The 12" low/mid transducer shall incorporate low distortion carbon fiber cone technology and the "Focused Field" removable magnet structure design. They shall have a power capacity of 350 watts RMS and 600 watts peak and a sensitivity of 106 dB measured at 1 meter with 2.83 volts into a nominal 8 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 measured at 1 meter with 2.83 volts into a nominal 16 ohm load. The combined loudspeaker system shall be capable of 132 dB SPL continuous and 138 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 100 Hz to 15 kHz +/- 3 dB (70Hz to 22 kHz - 10 dB).

The loudspeaker shall offer nominal coverage angles of 45o horizontal, and 40o vertical. The AC52-2 shall weigh a total of 150 lbs. and shall measure 33 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 AC62-2 enclosure shall be constructed of 12-ply birch hardwood and shall have a weather and wear resistant ProCoattm elastomeric finish. Electrical connections shall be made via standard binding posts or barrier strips.

The loudspeaker shall be the McCauley AC62-2.