

X1i-212 A&E

The loudspeaker system shall be a two-way passive design with dual Phoenix type input connectors, wherein on each connector pins 3 +/- are wired to a passive network and pins 4 +/-, 2 +/- and 1 +/- are wired as pass thru between the two input connectors. The passive network shall employ 8th order topology with equalization and high frequency protection, resulting in acoustical crossover slopes approaching 96 dB per octave. The system shall have a 12-inch low frequency transducer with a nominal impedance of 8 ohms, a 2.5-inch aluminum wire voice coil, and shall be coupled to a Mid-Band-Hydra vertical and horizontal wave shaping device. System power rating shall be 500 watts (per ANSI/EIA RS-426 A). The high frequency section shall employ two 2-inch aluminum wire voice coil compression drivers, each with a titanium dome, mounted on a Wavefront-Shaping Circular Hydra plane wave generator coupled to a 90° or 120° horizontal by 10° vertical waveguide. The two high frequency drivers shall be connected in parallel for a high-frequency section nominal impedance of 8 ohms. The loudspeaker enclosure shall be constructed of 18 mm and 12 mm birch plywood and shall be trapezoidal in shape. The wedge angle shall be 10°. The grille shall be constructed from 16 GA powdercoated 304 stainless steel backed with acoustically transparent fabric. The loudspeaker shall be available with an indoor finish or in a fully weatherized IP55 version. Both versions shall include a gland nut cover that accepts cable diameters between 9 mm (0.35 inches) and 19 mm (0.74 inches). The system shall be capable of very high-level operation with a bandwidth of 57 Hz to 16 kHz (-3 dB down point). The system dimensions shall be 671 mm (26.4 inches) wide by 343 mm (13.6 inches) high by 533 mm (21.0 inches) deep. The system shall employ four M10 hard points per side for attachment to structural framing or an optional rigging kit available from the manufacturer. Net weight shall be 35.5 kg (78 lb). The loudspeaker shall be the X1i-212 from Electro-Voice.