EAW RSX208L Architects' and Engineers' Specification

The 3-way full range loudspeaker system shall incorporate one 8-in LF transducer, one 8-in LF/MF transducer, and two 1-in exit/1.4-in voice coil HF compression drivers.

The two Phase Aligned LF/MF drivers shall be mounted symmetrically in the horizontal planes in an enclosure tuned for optimum low frequency response. The HF drivers shall be horn loaded to provide a nominal 120° x 12° coverage pattern.

System frequency response shall vary by no more than 10 dB from 70 Hz to 18 kHz measured on axis. The loudspeaker will be capable of producing a peak output of 128 dB SPL on axis at 1 meter. The loudspeaker will include three class D on-board amplifiers, three individual channels of DSP, and be capable of accepting analog and Dante input signals.

The loudspeaker enclosure shall be symmetrical in shape, and be constructed of void-free Poplar and Baltic birch plywood and shall be finished in hi-build waterborne acrylic roadcoat. Input connectors shall be dual XLR and dual Ethercon. Integral rigging hardware is included to suspend multiple cabinets in arrays. The front of the loudspeaker shall be covered with a powder coated perforated steel grille.

The 3-way full range loudspeaker shall be the EAW model RSX208L.