



L-1

The system shall consist of a 2-way line source technology, the equivalent of coaxial assembly for HF and MF drivers in vertical arrays - provides a coherent wavefront over the entire horizontal coverage at all frequencies. The enclosure shall feature five direct radiating 6" MF transducers and three 2" diaphragm compression HF drivers coupled to individual DOSC waveguides.

The usable system bandwidth shall be 90 Hz to 20 kHz (-10 dB). The transducer configuration shall generate a polar pattern coverage of 5° horizontally and -21° vertically arrayed elements. In line source mode, the system shall be curved up to a maximum of 5° for each element and accept a down fill line source array without breaking the wavefront.

Maximum SPL shall be 127 dB (peak level measured at 1 m under free field conditions using pink noise with crest factor 4). The long term RMS handling capacity shall be 500 W for both MF sections, 180 W for the HF section, the impedance of each loudspeaker section shall be 8Ω.

SPECIFICATIONS

Transducer LF: 6 x 5 inch neodymium, weather-resistant
 HF: 3 x 2 inch compression drive

Power handling LF: 500W AES/2000W Peak
 HF: 180W AES/540W Peak

Bandwidth (-10dB) 90Hz-20KHz ([L-1] preset)

Phase Response 250Hz-20KHz ± 20° ([L-1] preset)

Sensitivity 1m/1w LF: 97dB / 127dB
 HF: 114dB / 138dB

Nominal impedance 8Ω

Dispersion (H x V) 140° x (+5°/-21°)

Connectors 2 x Neutrik NL4 Speakon

Enclosure 12mm 7-ply birch plywood

Dimensions 1300mm (H) x 148mm (W) x 209mm (D)

Weight 22 kg



Horizontal Waveguide



Horn Venting



Fan Angle Horn



Patent Hanging System

