The loudspeaker shall be a 2-way passive / bi-amped long throw point source system. The mid frequency range shall be reproduced by a Neodymium 12” transducer coupled to a constant directivity rotatable horn to control horizontal and vertical coverages. The high frequency range shall rely on one Neodymium 3” VCD compression driver coupled to a constant directivity rotatable horn. The enclosure shall be manufactured from premium Baltic birch plywood and finished with polyurea paint or fiberglass for direct exposure applications. The enclosure front shall be protected by a coated stainless steel grill and an triple layer mesh including hydrophobic fabric. Selectable passive/biamplified operating modes shall be available. The enclosure shall incorporate M10 rigging points to create vertical or horizontal arrays.

Performance specifications for a typical production unit shall be as follows, measured at 1/3-octave resolution: operating frequency range (-10dB) 80 Hz to 18 kHz.

Horizontal nominal coverage (-6dB): 40º

Vertical nominal coverage (-6dB): 30º

On-Axis Sensitivity (1W/1m): 111dB

Maximum Peak SPL: 143dB

Dimensions shall be (H x W x D) 99 x 68.5 x 75.5 cm (39 x 27 x 29.7 in). Weight shall be 56 kg (123.2 lbs). The loudspeaker shall be the DAS Audio HQ-112.43.