The loudspeaker shall be a 2-way passive medium throw point source system. The low-mid frequency range shall be reproduced by single 12” transducer with 3” VCD. The high frequency range shall rely on one 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 (CX) or fiberglass (DX) for direct exposure applications. The enclosure front shall be protected by a coated stainless steel grill and an triple layer mesh including hydrophobic fabric. The enclosure shall incorporate M10 rigging points to be used for permanent installation.

The loudspeaker shall be EN-54-24 certified.

Performance specifications for a typical production unit shall be as follows, measured at 1/3-octave resolution: operating frequency range (-10dB) 60 Hz to 20 kHz.

Horizontal nominal coverage (-6dB): 60º

Vertical nominal coverage (-6dB): 40º

On-Axis Sensitivity (1W/1m): 98dB

Maximum Peak SPL: 130dB

Dimensions shall be (H x W x D) 70 x 39 x 39 cm (27.6 x 10.4 x 10.4 in). Weight shall be 24 kg (52.8 lbs). The loudspeaker shall be the DAS Audio WR-6412.