**PreSonus WorxAudio S-8A Architects’ and Engineering Specifications**

The loudspeaker shall be a point source weather resistant, 2-way loudspeaker and shall be capable of continuous outdoor use as part of a fixed installation.

Its transducers shall be a conical waveguide-loaded, 1-inch (25.4 mm) exit compression driver with 1.5-inch (38.1 mm) voice coil, 60 watts power handling; and 8-inch (203.2 mm) LF cone transducer with 1.5-inch (38.1 mm) voice coil, 150 watts power handling.

Performance specifications for a typical production unit shall be as follows:

Operating frequency response 68 Hz to 17 Hz ±3 dB and 48 Hz to 19 Hz ±10 dB;

nominal dispersion 75˚ horizontal and 75˚ vertical; recommended crossover frequency of 1.6 kHz; Maximum SPL @ 1 Meter pressure sensitivity of 121 dB @/1m.

Audio connectors shall be weatherproof gland nuts with 4-conductor, water-blocking Aquaseal 12-foot cable.

Components shall be mounted in an optimally tuned, vented enclosure constructed of multi-ply, Baltic birch hardwood and engineered plastics, with an aluminum frame. The enclosure shall be seal-coated inside and out with fiberglass and multi-layered Polurea finish to withstand UV damage, temperature and moisture extremes. The front protective grille shall be 14-gauge high-transmission ratio, perforated stainless steel with powder-coated finish plus vinyl mesh to further repel water.

Suspension mounting for the enclosure shall be an internal bracket threaded with 12 (twelve ) 0.375-inch flying points.

Dimensions shall be 18.25 inches high x 11.25 inches wide x 12 inches deep 463.55 mm x 3127.5 mm x 285.75 mm). Weight shall be 34 lbs (15.42kg).

The loudspeaker shall be the PreSonus WorxAudio S-8A

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