**PreSonus WorxAudio S-XL3 Architects’ and Engineering Specifications**

The loudspeaker shall be a 3-module, 2-way weatherized line array and shall be capable of continuous outdoor use as part of a fixed installation.

Its transducers shall be three 1.4-inch (35.56 mm) exit diameter horn-loaded compression drivers with 3-inch (76.2) voice coil, 450 watts power handling; six 8-inch (203.2 mm) LF cone transducers with 2-inch (50.8 mm) voice coil, 1200 watts power handling.

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

Operating frequency response 55 Hz to 18 Hz ±3 dB and 47 Hz to 20 Hz ±10 dB;

nominal dispersion 160˚ horizontal and 20˚ vertical; recommended crossover frequency of 1.2 kHz; Maximum SPL @ 1 Meter pressure sensitivity of 139 dB @/1m. (WorxAudio preset).

Audio connectors shall be 3-each weatherproof gland nuts with 4-conductor, water-blocking Aquaseal 16-foot cable.

Components shall be mounted in an optimally tuned, vented enclosure constructed of multi-ply, Baltic birch hardwood and engineered plastics. 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 8 (eight) rigging points.

Dimensions shall be 31.1875 inches high x 24.5 inches wide x 18 inches deep (792.0 mm x 622.3 mm x 457.2 mm). Weight shall be 176 lbs. (79.83 kg).

The loudspeaker shall be the PreSonus WorxAudio S-XL3.

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