**PreSonus WorxAudio S-X118S Architects’ and Engineering Specifications**

The loudspeaker shall be a weatherized extreme high-SPL, extended sub-bass loudspeaker system and shall be capable of continuous outdoor use as part of a fixed installation.

Its transducer shall be one 18-inch (457.2 mm) LF cone transducer with 4-inch (101.6 mm) voice coil, 700 watts power handling.

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

Operating frequency response 35 Hz to 150 Hz ±3 dB and 30 Hz to 250 Hz ±10 dB; 90kHz recommended crossover frequency; Maximum SPL @ 1 Meter pressure sensitivity of 136 dB @ /1m.

Audio connectors shall be weatherproof gland nuts with 2-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. 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 17 (seventeen) 0.375-inch flying points.

Dimensions shall be 22.5 inches high x 24.5 inches wide x 22.5 inches deep (571 mm x 622 mm x 571 mm). Weight shall be 98 lbs (44.45 kg).

The loudspeaker shall be the PreSonus WorxAudio S-X118S.

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