

ONE SYSTEMS ARCHITECTS' AND ENGINEERS' SPECIFICATIONS 212IM

The loudspeaker shall be a direct weather rated two-way system with an IP rating of 45.

The enclosure shall be injection molded and utilize a high weatherproof resin. The system shall utilize all stainless steel internal and external rigging and suspension points. The system shall include an internal aluminum structural bracket.

System frequency response shall be 60Hz to 16kHz. System sensitivity shall be a nominal 99dB with a 1 watt electrical input and measured at 1 meter on system axis. System power handling shall be 1200 watts continuous, 2400 watts program, and 4800 watts peak.

The transducers shall be two each 305mm (12") nominal low frequency drivers oriented in a vertical array in a vented enclosure. The two low frequency transducer shall have an I/O voice coil design. The high frequency driver shall be a large format titanium diaphragm with a nominal diameter of 82.5mm (3.25") and shall be designed using Equivalent Throat technology. The system shall be supplied with one high frequency horn that fully rotatable. The radiation pattern of the supplied high frequency horn shall be 60X40.

The system shall be compatible with One Systems Pole Mount System EX, DF-IM bracket, PT-70 bracket and 212IM-U bracket.

The system shall have a high order passive crossover with switching to allow either full range or bi-amp operation. The enclosure system shall utilize two paralleled Neutrik Speakon connectors and a paralleled 4-position barrier strip. The system shall include a weather cover for the input section with an integral gland nut. The system shall have a nominal impedance in full range mode of 4 ohms. The system weight shall weigh 36.5kg (80.5lbs) and have physical dimensions of 1100mm X 368mm X 414mm (43.3" X 14.5" X 16.3"). The system shall have an optional 70.7V and 100V transformer rated at 150 watts with tap values at 150 watts, 75 watts, and 35 watts. The system shall be a One Systems 212IM. The system shall have multiple M10 mounting points.