

# ONE SYSTEMS ARCHITECTS' AND ENGINEERS' SPECIFICATIONS 212CIM

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 weather proof resin. The system shall utilize all stainless steel internal and external rigging and suspension points. The system shall have an internal aluminum alloy structural bracket or reinforced rigging points.

System frequency response shall be 75Hz 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 2 element vertical array in a vented enclosure. One of the two 305mm transducers shall be a coaxial design consisting of a large format 82.5mm nominal high frequency compression driver. The high frequency driver shall be a large format titanium diaphragm with a nominal diameter of 82.5mm (3.25"). The second 305mm low frequency transducer shall be an I/O voice coil design. The radiation pattern of the supplied high frequency coaxial horn shall be a nominal 60 degree symmetrical pattern. The enclosure system shall utilize two paralleled Neutrik Speakon connectors and a paralleled 4-position barrier strip. The system input section shall be supplied with a weather cover and integral gland nut.

The system shall be compatible with One Systems Pole Mount System, DF-IM bracket, PT-70 bracket, FLY 112IM bracket, FLY 112IM-T bracket, and 112IM-U bracket.

The system shall have a nominal impedance in full range mode of 4 ohms. The system weight shall weigh 32.8kg (72lbs) and have physical dimensions of 749mm X 368mm X 414mm (29.5" X 14.5" X 16.3"). The system shall have multiple M10 mounting points. The system shall have an optional 70.7V and 100V matching transformer with a 150watt power rating and 150 watt, 75 watt, and 35 watt power taps. The system shall be a One Systems 212CIM