Architectural Specification

Sonance Professional Series - PS-P83WT

70V/100V/8 Ohm Selectable 8” Pendant Woofer

The loudspeaker shall be of the woofer-type comprising a pendant-style injection-molded ABS enclosure containing one 8” (203mm) polypropylene cone, butyl rubber surround, ultra-high excursion low frequency transducer. It shall utilize a powder coated steel, bezel-less grille that is retained magnetically. Frequency range shall be 50Hz – 150Hz (-3dB). Total power handling shall be 200 Watts continuous pink noise and 125 Watts program. Sensitivity measured with 2.83 volts input at 1 meter on axis averaged between 50Hz – 150Hz shall be 89dB. The unit shall be supplied with a line-matching transformer suitable for 100 volt or 70 volt with a front-mounted control allowing user selectable power taps of 120W, 60W, 30W, and 15W (70V) and an 8 Ohm bypass. The top of the enclosure shall include a 5-point hanging mount and four-pin Euroblock connector with loop-through, both of which shall be hidden by a removable integrated top cover. The system shall be certified for UL 1480 (UEAY) and UL 2239 and include UL listed hanging hardware and secondary hardware for safety redundancy, Euroblock connector and weather-resistant terminal boot. External dimensions shall be 11.06” Diameter x 19.7” Depth (281mm x 500mm). The total enclosure shall weigh 12 lbs. (5.44 kg) per unit. It shall share consistent voicing with other form factors within its product family so as to provide continuity of sonic signature when combined within a project. The loudspeaker shall be the Sonance Professional Series PS-P83WT. No other system shall be acceptable unless the above combined performance specifications are equaled or exceeded.