

Architectural Specification
Sonance Professional Series - PS-S83WT MKII
70V/100V/8 Ohm Selectable 8" Surface Mount Woofer

The loudspeaker shall be comprised of a single surface-mount 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 corrosion-resistant aluminum grille with a locking clip fit. Frequency range shall be 50Hz – 150Hz (-3dB). Total power handling shall be 125 Watts continuous pink noise and 200 Watts program. Sensitivity measured with 2.83 volts input at 1 meter on axis averaged between 50Hz – 150Hz shall be 88dB. 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 system shall include a FastMount® bracket that allows for a full 180° of pivot while keeping the enclosure less than 1" from the mounting surface. Wire shall be terminated on the front of the enclosure via a four-pin Euroblock connector with loop-through and fed through a Protected Access Connection Terminal. The system shall meet UL 1480 (UEAY) and UL 2239 Standards, conform to MIL-STD-810 for humidity, salt spray, temperature and UV IEC 529, and meet or exceed an IPX4 splash rating. External dimensions shall be 14.02" Height x 9.01" Width x 8.58" Depth (356mm x 229mm x 218mm). The total enclosure shall weigh 16.08 lbs. (7.62 kg) per unit. It shall share consistent voicing with other form factors and sizes 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-S83WT MKII. No other system shall be acceptable unless the above combined performance specifications are equaled or exceeded.