

Architectural Specification
Sonance Professional Series - PS-P43T
70V/100V/8 Ohm Selectable 4" Pendant Speaker

The loudspeaker shall be of the two-way type comprising a pendant-style injection-molded ABS enclosure containing one 4" (100mm) polypropylene cone, butyl rubber surround low frequency transducer and one coaxially mounted 1" (25mm) cloth dome, chambered and pivoting, ferrofluid cooled high frequency transducer. It shall utilize a powder coated steel, bezel-less grille that is retained magnetically. Frequency range shall be 75Hz – 20KHz (-3dB). Total power handling shall be 30 Watts continuous pink noise and 60 Watts program. Sensitivity measured with 2.83 volts input at 1 meter on axis averaged between 75Hz – 20KHz shall be 87dB. 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 30W, 15W, 7.5W and 3.8W (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 6.3" Diameter x 11" Depth (160mm x 280mm). The total enclosure shall weigh 3 lbs. (1.36 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-P43T. No other system shall be acceptable unless the above combined performance specifications are equaled or exceeded.