AcousticDesign Surface Mount Series

AcousticDesign AD-S282H

The 2-way full range system shall incorporate dual 8.0 inch low frequency transducers with 2.0 inch voice coils, and a 1.0 inch high output compression driver mounted to an Advanced Directivity horn flare. The HF horn shall be capable of being rotated to accommodate horizontal or vertical installation. The full range system’s low frequency drivers shall be loaded into a ported enclosure. The full range system shall have a passive internal crossover network with switchable full range or bi-amped operation.

The full range system shall meet the following performance criteria: frequency response of 80 Hz to 27.0 kHz ±6 dB, measured on axis with appropriate signal processing; sensitivity of 93.0 dB SPL in free field at 1 meter with an input of 2.83V; continuous output of 119.0 dB SPL; peak output of 125.0 dB SPL on axis at 1 meter; power handling of 450 watts for 8 hours with an IEC noise signal; recommended amplifier power of 900 watts; nominal impedance of 8 ohms. The full range system's nominal coverage between -6 dB points shall be 90 degrees in one plane and 60 degrees in the orthogonal plane.

The loudspeaker shall have a weather-resistant enclosure constructed of injection molded high impact polystyrene. It shall have a black or white paintable finish. Input connectors shall be parallel wired barrier strips with passive/active switching. A yoke mount shall be available as an option. The front of the full range system shall be protected by a a heavy duty powder coated aluminum grill.

The full range system's enclosure shall be 26.17 in (66.5 cm) high, 10.21 in (25.9 cm) wide and 11.44 in (29.0 cm) deep. The loudspeaker shall weigh no more than 27.7 lb (12.6 kg).

The 2-way full range system shall be the QSC Audio Products AD-S282H.