ARCHITECTS & ENGINEERS SPECIFICATIONS—AD-S6T

The loudspeaker shall be of a surface-mount design, with a transformer suitable for use on 70- or 100-volt distributed lines. It shall be a two-way system with an internal passive crossover utilizing a 6-inch woofer and 1-inch silk dome tweeter, with a conical -6 dB coverage angle of 105 degrees. To ensure coherent directivity over the entire audio spectrum, the directivity of the low- and high-frequency drivers shall match at the crossover frequency. The enclosure shall exceed IEC60529 IP-54 ratings for dust and splash resistance and shall feature ABS construction, sealed input panel cover, and powder-coated aluminum grille. The loudspeaker color shall be either RAL 9010 white or RAL 9011 black.

The loudspeaker shall have an effective frequency range of 60 Hz to 20 kHz and a broad band sensitivity of 89 dB (2.83 V at 1 m). Its power rating (IEC60268-1 signal for 2 hours) shall be 150 watts. The transformer shall have power taps ranging from 7.5 to 60 watts, plus an 8-ohm bypass, selectable using a rotary switch on the rear of the enclosure. The switch opening shall be protected by a grommet.

The loudspeaker shall have a knurled ball-joint mounting system with a quick attach/detach mechanism. Electrical connection shall be through a 4-pole detachable Euroblock. The loudspeaker shall weigh 6.2 kg (13.6 pounds) and its dimensions shall be 365 × 215 × 215 mm (14.4 × 8.5 × 8.5 inches).

The loudspeaker shall be the QSC AD-S6T.