

**Desono EX-S6-CM A&E Specifications**

**EX-S6-CM:** The loudspeaker system shall be a two-way, full-range compact system with one 6.5-inch (165mm) low frequency transducer with a treated paper cone and one 1-inch (25.4mm) high frequency horn-loaded treated soft dome mounted coaxially within the LF voice coil at the base of the LF cone. The drivers shall be connected to an integral crossover, having a crossover frequency of 1580 Hz, with dynamic driver protection circuitry.

The system shall exceed IEC60529 IP54 ratings for dust and splash resistance and shall also withstand testing to IEC 60068-2-5 (solar radiation), IEC 60068-2-11 (salt mist), IEC 60068-2-42 (SO<sub>2</sub>), and IEC 60068-2-60 (chlorine) with no effect on its acoustical performance or structural integrity. The enclosure shall be constructed of a high-impact polycarbonate/ABS blend and the front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic cloth.

The loudspeaker shall have a pan-tilt mounting bracket with interlocking notch mechanisms that provide indexed aiming control in vertical and horizontal directions. The bracket shall have a 4-position wire clamping lever-actuated terminal block for electrical connections integrated into the cabinet interface segment of the bracket. The loudspeaker and bracket shall provide a quick attach / detach mechanism that allows for mounting the loudspeaker in either vertical or horizontal orientation. The loudspeaker shall include a theft-deterrent bracket release mechanism and vandal-resistant aiming lock mechanism.

The loudspeaker color and mounting bracket shall be either RAL9016 white or RAL9017 black.

The system shall have an operating range of 58 Hz to 20 kHz, in full space, and a low impedance (8Ω) input capability of 40V RMS. The system shall also be equipped with an 80W high performance transformer for use in 70.7V or 100V distributed audio systems with switchable 80W, 40W, 20W and 10W taps available in 70.7V distributed systems (80W, 40W, 20W available in 100V distributed systems). The sensitivity on-axis at one meter with a power input of 1 watt shall be 89 dB. The nominal dispersion shall be 120° x 120°. Dimensions shall be 13.7 inches (349 mm) high, 8.5 inches (217 mm) wide and 8.6 inches (220 mm) deep, with a loudspeaker weight of 14.4 lbs (6.5 kg). The loudspeaker system shall be a Desono EX-S6-CM with included CMX ClickMount bracket.

## **Desono EX-S6-UB A&E Specifications**

**EX-S6-UB:** The loudspeaker system shall be a two-way, full-range compact system with one 6.5-inch (165mm) low frequency transducer with a treated paper cone and one 1-inch (25.4mm) high frequency horn-loaded treated soft dome mounted coaxially within the LF voice coil at the base of the LF cone. The drivers shall be connected to an integral crossover, having a crossover frequency of 1600 Hz, with dynamic driver protection circuitry.

The system shall exceed IEC60529 IP54 ratings for dust and splash resistance and shall also withstand testing to IEC 60068-2-5 (solar radiation), IEC 60068-2-11 (salt mist), IEC 60068-2-42 (SO<sub>2</sub>), and IEC 60068-2-60 (chlorine) with no effect on its acoustical performance or structural integrity. The enclosure shall be constructed of a high-impact polycarbonate/ABS blend and the front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with hydrophobic cloth.

The loudspeaker shall include a low-profile u-bracket with speed-knobs and an interlocking notch mechanism that provides indexed aiming control in one plane. The loudspeaker shall also include a 4-position wire clamping lever-actuated terminal block for electrical connections integrated into a water-tight wiring plug. The loudspeaker and wiring plug shall provide a quick attach / detach mechanism for the wiring plug. The loudspeaker shall include a theft-deterrent wiring plug release mechanism and vandal-resistant aiming lock mechanism.

The loudspeaker color and u-bracket shall be either RAL9016 white or RAL9017 black.

The system shall have an operating range of 58 Hz to 20 kHz, in full space, and a low impedance (8Ω) input capability of 40V RMS. The system shall also be equipped with an 80W high performance transformer for use in 70.7V or 100V distributed audio systems with switchable 80W, 40W, 20W and 10W taps available in 70.7V distributed systems (80W, 40W, 20W available in 100V distributed systems). The sensitivity on-axis at one meter with a power input of 1 watt shall be 89 dB. The nominal dispersion shall be 120° x 120°. Dimensions shall be 13.7 inches (349 mm) high, 8.5 inches (217 mm) wide and 8.6 inches (220 mm) deep, with a loudspeaker weight of 14.4 lbs (6.52 kg). The loudspeaker system shall be a Desono EX-S6-CM with included ClickMount u-bracket.