

Desono DX-S5 A&E Specifications

DX-S5: The loudspeaker system shall be a two-way, full-range compact system with one 5-inch (127mm) low frequency transducer and a coaxially mounted 1-inch (25.4mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover, having a crossover frequency of 1500 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 (SO₂), and IEC 60068-2-60 (chlorine) with no effect on its acoustical performance or structural integrity. The enclosure shall be constructed of high-impact ABS plastic and the front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with woven fabric.

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. A color-matched optional U-Bracket with ClickPlug may be used for damp or low-profile mounting applications.

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

The system shall have an operating range of 75 Hz to 20 kHz, in full space, and a low impedance (6Ω) input capability of 24V. The system shall also be equipped with a 60W high performance transformer for use in 70.7V or 100V distributed audio systems with switchable 60W, 30W, 15W and 7.5W taps available in 70.7V distributed systems (60W, 30W, 15W available in 100V distributed systems). The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 92 dB. The nominal dispersion shall be 130 degrees horizontal by 125 degrees vertical. Dimensions shall be 11.03 inches (280 mm) high, 7.09 inches (180 mm) wide and 7.28 inches (185 mm) deep, with a loudspeaker weight of 10.3 lbs (4.7 kg).

The system shall be ETL listed to comply with IEC62368-1. The loudspeaker system shall be a Desono DX-S5 with included CMX-SM ClickMount bracket.

Desono DX-S8 A&E Specifications

DX-S8: The loudspeaker system shall be a two-way, full-range compact system with one 8-inch (203mm) low frequency transducer and a coaxially mounted 1.25-inch (32mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover, having a crossover frequency of 1400 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 (SO₂), and IEC 60068-2-60 (chlorine) with no effect on its acoustical performance or structural integrity. The enclosure shall be constructed of ABS plastic and the front of the enclosure shall be fitted with a wraparound powder-coated 1.5mm perforated marine-grade aluminum grille backed with woven fabric.

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. A color-matched optional U-Bracket with ClickPlug may be used for damp or low-profile mounting applications.

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

The system shall have an operating range of 62 Hz to 18 kHz, in full space, and a low impedance (7 Ω) input capability of 35V RMS. The system shall also be equipped with an 120W high performance transformer for use in 70.7V or 100V distributed audio systems with switchable 120W, 60W, 30W and 15W taps available in 70.7V distributed systems (120W, 60W, 30W available in 100V distributed systems). The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 95 dB. The nominal dispersion shall be 110 degrees horizontal by 110 degrees vertical. Dimensions shall be 15.16 inches (385 mm) high, 10.04 inches (255 mm) wide and 10.24 inches (260 mm) deep, with a loudspeaker weight of 17 lbs (7.71 kg).

The system shall be ETL listed to comply with IEC62368-1. The loudspeaker system shall be a Desono DX-S8 with included CMX-SM ClickMount bracket.