Desono DX-IC4 A&E Specifications

DX-IC4: The loudspeaker system shall be a two-way, full-range ceiling mount system with a 4.5-inch (114mm) low frequency transducer and a coaxially mounted 0.75-inch (19mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover with a crossover frequency of 2000 Hz, with a self-resetting solid state circuit breaker for driver protection. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 2.5-inch (64 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 85 Hz to 19 kHz and a low impedance (8 ohm) input capability of 22V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 92dB. The loudspeaker system shall have a conical coverage pattern of 165 degrees. The nominal system impedance shall be 8 ohms (in low impedance setting).

The system shall be equipped with a 30W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 30W, 15W, 7.5W and 3.75W taps available in 70.7V distributed systems (30W, 15W and 7.5W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 10.16 inches (258mm), a can depth of 6.76 inches (172mm) and weigh 6.9 lbs (3.12 kg). There shall be an available optional Trim Ring for retrofit installations of the loudspeaker system into an existing larger industry back can or into an existing but oversized ceiling hole up to 11 inches (279 mm) in diameter, and an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC4.

Desono DX-IC4LP A&E Specifications

DX-IC4LP: The loudspeaker system shall be a two-way, full-range ceiling mount system with a 4.5-inch (114mm) low frequency transducer and a coaxially mounted 0.75-inch (19mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover with a crossover frequency of 2 kHz, with a self-resetting solid state circuit breaker for driver protection. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 1.3-inch (33 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 115 Hz to 20 kHz and a low impedance (8 ohm) input capability of 22V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 91dB. The loudspeaker system shall have a conical coverage pattern of 165 degrees. The nominal system impedance shall be 8 ohms (in low impedance setting).

The system shall be equipped with a 30W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 30W, 15W, 7.5W and 3.75W taps available in 70.7V distributed systems (30W, 15W and 7.5W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 10.16 inches (258mm), a can depth of 3.81 inches (97mm) and weigh 5.8 lbs (2.66 kg). There shall be an available optional Trim Ring for retrofit installations of the loudspeaker system into an existing larger industry back can or into an existing but oversized ceiling hole up to 11 inches (279 mm) in diameter, and an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC4LP.

Desono DX-IC6 A&E Specifications

DX-IC6: The loudspeaker system shall be a two-way, full-range ceiling mount system with a 6.5-inch (165mm) low frequency transducer and a coaxially mounted 1-inch (25mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover with a crossover frequency of 1.2 kHz, with a self-resetting solid state circuit breaker for driver protection. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 2.5-inch (64 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 90 Hz to 20 kHz and a low impedance (6.5 ohm) input capability of 28V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 95dB. The loudspeaker system shall have a conical coverage pattern of 140 degrees. The nominal system impedance shall be 6.5 ohms (in low impedance setting).

The system shall be equipped with a 60W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 60W, 30W, 15W and 7.5W taps available in 70.7V distributed systems (60W, 30W and 15W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 11.46 inches (291mm), a can depth of 6.75 inches (171mm) and weigh 8.0 lbs (3.63 kg). There shall be an available optional Trim Ring for retrofit installations of the loudspeaker system into an existing larger industry back can or into an existing but oversized ceiling hole up to 11 inches (279 mm) in diameter, and an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC6.

Desono DX-IC8 A&E Specifications

DX-IC8: The loudspeaker system shall be a two-way, full-range ceiling mount system with a 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 with a crossover frequency of 1.3 kHz, with a self-resetting solid state circuit breaker for driver protection. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 2.5-inch (64 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 75 Hz to 20 kHz and a low impedance (7 ohm) input capability of 35V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 94dB. The loudspeaker system shall have a conical coverage pattern of 115 degrees. The nominal system impedance shall be 7 ohms (in low impedance setting).

The system shall be equipped with a 120W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 120W, 60W, 30W and 15W taps available in 70.7V distributed systems (120W, 60W and 30W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 13.43 inches (341mm), a can depth of 8.51 inches (216mm) and weigh 15.6 lbs (7.08 kg). There shall be an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC8.

Desono DX-IC10 A&E Specifications

DX-IC10: The loudspeaker system shall be a two-way, full-range ceiling mount system with a 10-inch (254mm) low frequency transducer and a coaxially mounted 1.25-inch (32 mm) exit high frequency compression driver. The drivers shall be connected to an integral crossover with a crossover frequency of 1.0 kHz, with a self-resetting solid state circuit breaker for driver protection. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 2.5-inch (64 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 65 Hz to 20 kHz and a low impedance (6.5 ohm) input capability of 39V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 97dB. The loudspeaker system shall have a conical coverage pattern of 115 degrees. The nominal system impedance shall be 6.5 ohms (in low impedance setting).

The system shall be equipped with a 200W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 200W, 100W, 50W and 25W taps available in 70.7V distributed systems (200W, 100W and 50W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 15.51 inches (394mm), a can depth of 10.37 inches (263mm) and weigh 23.66 lbs (10.73 kg). There shall be an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC10.

Desono DX-IC10SUB A&E Specifications

DX-IC10SUB: The loudspeaker system shall be a ceiling mount subwoofer system with a 10-inch (254mm) low frequency transducer. The loudspeaker baffle shall be constructed of UL 94V-0 rated ABS material and include two patent-pending SpringLock™ mounting clamps with 2.5-inch (64 mm) grip range to support the back can on the included tile rails and snap on C-ring, so that the installer no longer needs to hold the can against the tile while tightening the clamps. A powder-coated perforated steel grille backed with color matched woven fabric shall be included.

The system shall have an operating range of 39 Hz to 200 Hz and a low impedance (8 ohm) input capability of 40V. The sensitivity on-axis, referenced to a distance of 1 meter, and an input voltage of 2.83V shall be 88 dB. The loudspeaker system shall be omni-directional. The nominal system impedance shall be 8 ohms (in low impedance setting).

The system shall be equipped with a 200W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 200W, 100W, 50W and 25W taps available in 70.7V distributed systems (200W, 100W and 50W taps available in 100V distributed systems). An easily accessible front-face tap selector switch located on the front baffle, which is concealed by the supplied removable grille, shall be available for selecting autoformer and low impedance settings.

A snap-on C-Ring supporting plate and two tile support bridge rails shall be included. The loudspeaker system shall have a bezel diameter of 15.51 inches (394mm), a can depth of 10.37 inches (263mm) and weigh 22.1 lbs (10.0 kg). There shall be an optional New Construction Bracket for installing the loudspeaker system in new construction before drywall or plaster is put into place. An optional pair of 48-inch (1219 mm) tile rails shall also be available to mount the loudspeaker in larger ceiling grids. Optional accessories also include a black grille for black ceiling installations or a high humidity grille for coastal installations.

The system shall be ETL listed to comply with UL1480, UL2043 and CSA62368-1 and suitable for use in air handling spaces per NFPA70 and NFPA90. The loudspeaker system shall be a Desono DX-IC10SUB.