

D SERIES

DS8SUB

8-INCH SUBWOOFER
SURFACE MOUNT LOUDSPEAKER



SPECIFICATIONS

Loudspeaker Type:	Compact, surface mount subwoofer, 8 ohm or 70V/100V operation
Operating Range¹:	42 Hz - 200 Hz
Frequency Response¹:	60 Hz - 160 Hz (±4 dB)
Max Input Ratings (8 ohm):	200W continuous, 500W program 40 volts RMS, 89 volts momentary peak
Transformer Taps—70V:	200W, 100W, 50W, 25W and low impedance
100V:	200W, 100W, 50W
Sensitivity (1W/1m)¹:	88 dB SPL (63 Hz to 200 Hz 1/3 octave bands)
Maximum Output¹:	111 dB SPL / 118 dB SPL (peak 8 ohm)
Nominal Impedance:	8 ohms
Minimum Impedance:	7.5 ohms @ 110 Hz
Nominal Coverage:	180° H x 360° V
Axial Q / DI:	2 / 3, 63 Hz to 200 Hz
Crossover Frequency:	N/A
Recommended Signal Processing:	42 Hz, 24 dB high pass filter
Drivers:	LF 1 x 8-inch cone
Driver Protection:	Self-resetting solid state circuit breaker
Input Connection:	4-screw Euroblock connector for two pair of 2-wire leads (uninterrupted whether the loudspeaker is connected or not) concealed in the base of the mounting bracket; and a 2-pin Euroblock connector on the loudspeaker enclosure
Controls:	Front-accessible wattage / low impedance selector switch hidden behind the rotatable logo
Enclosure:	ABS plastic, matte finish, paintable
Finish:	Black or white
Mounting/Rigging Provisions:	Infin-A-Ball™ mounting system with hidden internal wiring
Grille:	Dual-layer powder coated steel, black or white finish
Safety Features:	Built-in safety cable attachment loop
Environmental:	IP55 rated loudspeakers, IP56 rated connector cover, designed to Mil Spec 810
Required Accessories:	Electronic high pass filter
Supplied Accessories:	Infin-A-Ball™ mounting bracket Hex wrench Flathead screwdriver
Optional Accessories:	DS-WMP Wall Mount Plate
Dimensions—Height:	18.5 inches (470 mm)
Width:	9 inches (230 mm)
Depth:	10.1 inches (257 mm)
Weight (without bracket):	23.2 lbs (10.5 kg)
Weight (with bracket):	23.7 lbs (10.8 kg)
Shipping Weight (Pairs):	56 lbs (25.4 kg)

NOTES:

- Sensitivity: On-wall pink noise measurement at 6ft (1.8m) at 10% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
- Watts: All wattage figures are calculated using the rated nominal impedance.



APPLICATIONS

- Swimming pools
- Sports stadia, sports facilities
- Health and fitness clubs
- Houses of worship
- Retail environments
- Cruise ships
- Corporate training rooms
- Bars and restaurants

FEATURES

- Modern architectural design
- Similar voicing as the Distributed Design ceiling loudspeaker family
- High efficiency, high output, high intelligibility, low distortion
- Paintable enclosure constructed of high-impact ABS plastic to reduce resonances
- Front-accessible power tap switch for selectable 8 ohm or 70V/100V operation
- Infin-A-Ball™ low profile mounting bracket included
- Weather-resistant construction with treated drivers, two-layer powder coated grilles and protected wiring ingress
- Available in standard black or white finishes

DESCRIPTION

The D SERIES Distributed Design DS8SUB is a compact subwoofer system, ideal for installations where space is a premium. With a modern architectural appearance that aesthetically merges well in most environments, combined with weather-resistant capability suitable for indirect outdoor use, the DS8SUB can be used in a wide variety of applications. It is equipped with a built-in autoformer, allowing the full loudspeaker output to be realized with 70V or 100V distribution lines. A convenient front-accessible power tap switch is hidden behind a rotatable logo. Installation is simple and flexible using the included Infin-A-Ball™ multi-angle wall mounting bracket which allows low profile mounting and precise positioning of the enclosure over a broad tilt-swivel range.

D SERIES

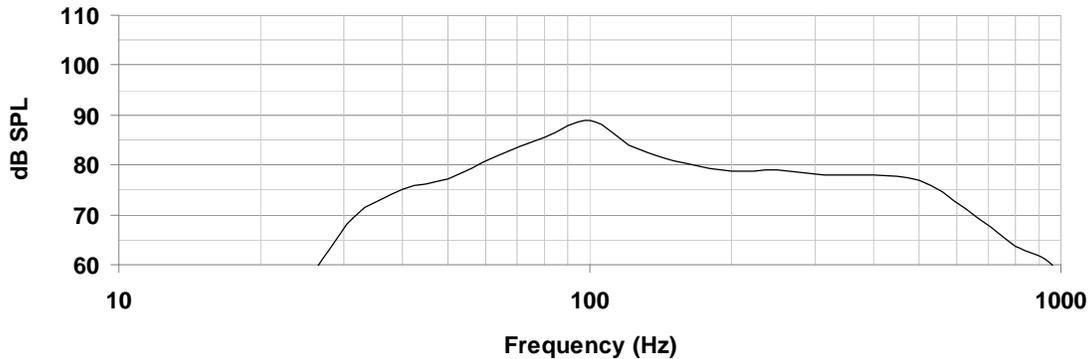
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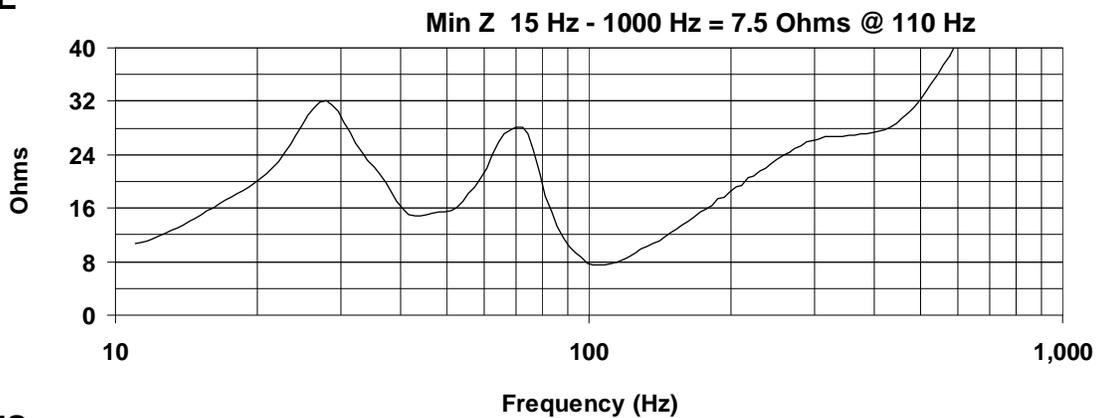
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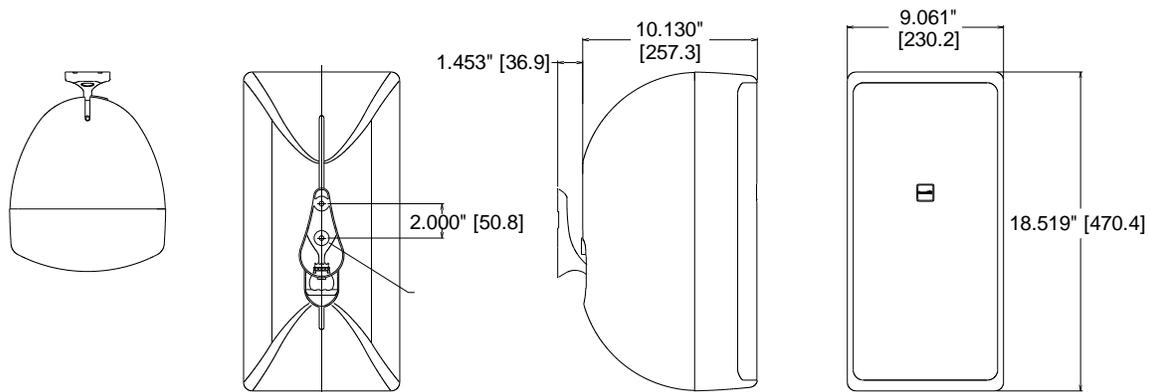
FREQUENCY RESPONSE



IMPEDANCE



DIMENSIONS



ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a compact subwoofer system with an 8-inch low frequency transducer with patented Carbon Ring Cone Technology™ with a self-resetting solid state circuit breaker for driver protection. The paintable enclosure shall be constructed of high-impact ABS plastic. The system shall have an amplitude response of 60 Hz to 160 Hz (+/- 4dB) and a low impedance (8 ohm) input capability of 40V RMS. The sensitivity at 1W/1m shall be 88 dB (63 Hz to 200 Hz, 1/3 octave bands). The loudspeaker system shall have a coverage pattern of 180°H by 360°V. 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 behind a rotatable logo shall be available for selecting autoformer and low impedance settings. Dimensions shall be 18.5 inches (470 mm) high, 9 inches (230 mm) wide and 10.1 inches (257 mm) deep, with a loudspeaker weight of 23.2 lbs (10.5 kg).

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.