

DesignMax DM8C-SUB

in-ceiling subwoofer

Product Overview

Delivering rich low-end performance, the 180-watt DesignMax DM8C-SUB subwoofer brings instantly impressive bass to any commercial sound installation. The in-ceiling DM8C-SUB has an 8-inch woofer, 38 Hz – 155 Hz frequency range, and is installed easily via QuickHold mounting arms. DesignMax subwoofers complement and enhance any DesignMax installation.

Key Features

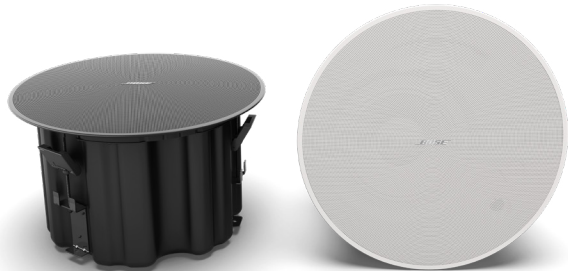
Combine DesignMax models to complete any design, big or small — 12 loudspeakers to mix and match, from 2-inch, low-profile models to 8-inch, high-SPL compression-driver loudspeakers and outdoor-rated options

Deliver rich bass performance with custom drivers; for optimal performance use select Bose Professional DSPs and amplifiers to enable Bose Professional loudspeaker EQ and SmartBass processing, which expands performance and response at any listening level

Blend with any room design with elegant form factors, minimum-bezel grilles available in black or white, and removable logos

Reduce installation time with the patented QuickHold mounting system, which also reduces strain, hassle, and the chance of product damage

Install easily with industry-standard accessories — all models include Euroblock connectors; in-ceiling models include plenum-rated backcans, tile bridges, and front-access audio wiring that makes installation and troubleshooting easier



Technical Specifications

SINGLE LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) ¹	45 – 117 Hz	
Frequency Range (-10 dB) ¹	38 – 155 Hz	
Nominal Coverage Angle (1 – 4 kHz)	Omnidirectional below 200 Hz	
Nominal Coverage (1 – 10 kHz)	Omnidirectional below 200 Hz	
	AES transducer test ⁴	Bose Professional extended-lifecycle test ⁵
Power Handling, Long-term Continuous	180 W	150 W
Power Handling, Peak	720 W	600 W
Sensitivity SPL / 1 W @ 1 m ²	89 dB	89 dB
Calculated Maximum SPL @ 1 m ³	112 dB	111 dB
Calculated Maximum SPL @ 1 m, Peak	118 dB	117 dB
Recommended Crossover	80 – 200 Hz (via active crossover in DSP)	
Recommended High-Pass Protection	40 Hz with recommended 18 dB / octave filter	
Transformer taps	70V: 20, 40, 80, 150 W, bypass	
	100V: 40, 80, 150 W, bypass	

For additional specifications and application information, please visit BoseProfessional.com. Specifications subject to change without notice. 04/2026

TECHNICAL DATA

DesignMax DM8C-SUB

in-ceiling subwoofer

TRANSDUCERS	
Low Frequency	1 × 8-inch woofer (203 mm)
Nominal Impedance	8 Ω (transformer bypass)
PHYSICAL	
Enclosure Material	Engineered plastics front baffle with integrated steel formed backcan
Grille	Magnetically attached perforated steel, powder-coated finish, paintable, with safety-tether
Logo	Rotatable, removable
Color	White grille (RAL 9003), black grille (RAL 9005), paintable
Environmental	Indoor only
Safety Agency	UL Listed, UL 1480A, in compliance with UL 2043 for plenum-space installation, NFPA 70 & NFPA 90A, CE-compliant
Operating Temperature Range	0 °C to 50 °C (32 °F to 122 °F)
Connectors	Euroblock 6-pin connector with loop-through, front-baffle mounted. Accepts 18 AWG (0.8 mm ²) to 14 AWG (2.5 mm ²) size wire
Wire / Conduit Entry	Single top wire entry point allows for 9.5 mm (3/8 in) conduit
Suspension / Mounting	Three (3) QuickHold, spring-loaded mounting arms plus three (3) safety cable locations
Maximum Ceiling Thickness	76 mm (3.0 in)
Cutout Size (Diameter)	349 mm (13.75 in)
Product Dimensions (Grille Diameter × Depth)	409 × 255 mm (16.1 × 10.0 in)
Backcan Dimensions (Diameter × Depth)	340 × 240 mm (13.4 × 9.5 in)
Net Weight, Loudspeaker with Grille	9.9 kg (21.9 lb)
Net Weight, Tile Bridge	1.0 kg (2.2 lb)
Shipping Weight, Single	12.9 kg (28.5 lb)
Included Accessories	Adjustable tile bridge, template
Optional Accessories	Black loudspeaker grille, rough-in pan for new construction (6-pack)
PRODUCT CODES	
White	829380-0210 DESIGNMAX DM8C-SUB SINGLE WHT
Black loudspeaker grille	A01686-0100 ASSY,KIT,GRILLE,BLK,DM8C
Rough-in pan (6-pack)	810613-0010 DESIGNMAX DM8C ROUGH-IN KIT 6 PACK

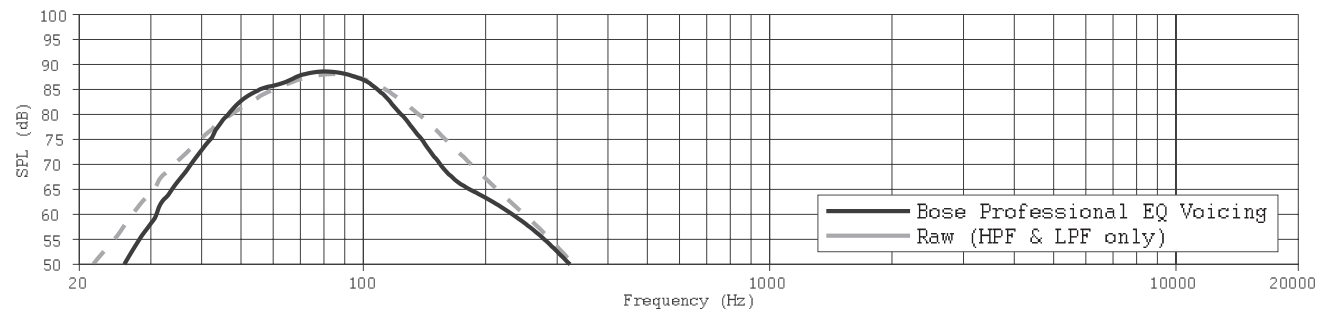
Footnotes

1. Frequency response and range measured on-axis in half-space environment with Bose Professional EQ voicing.
2. Sensitivity measured on-axis in half-space environment with Bose Professional EQ voicing.
3. Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression.
4. AES standard 2-hour duration with IEC system noise.
5. Bose Professional extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration.

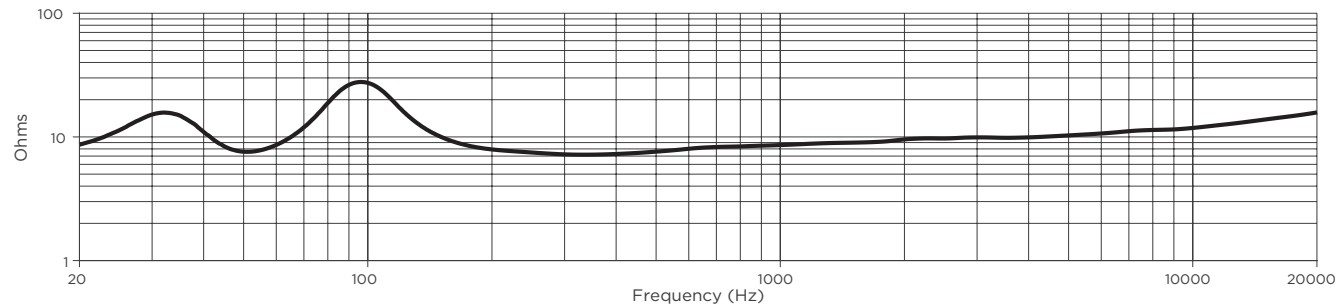
DesignMax DM8C-SUB

in-ceiling subwoofer

On-axis Response⁶



Impedance



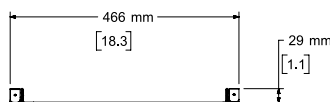
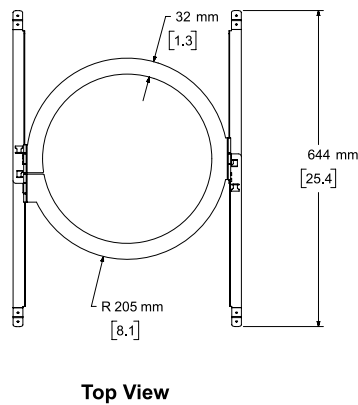
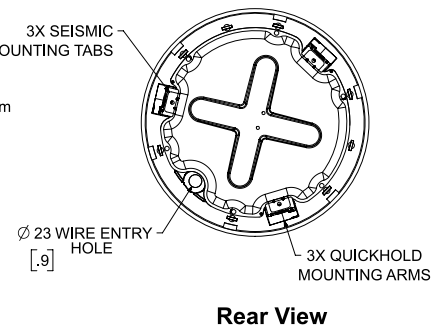
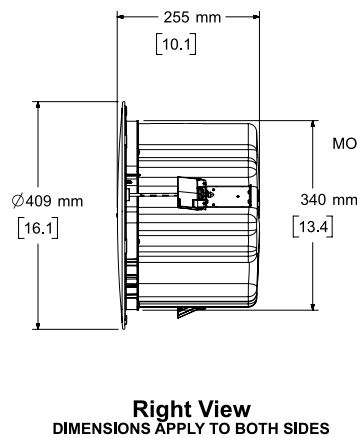
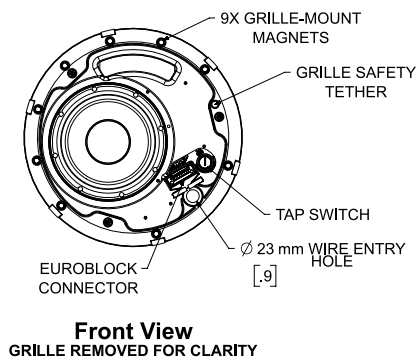
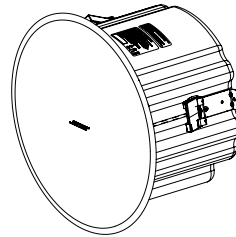
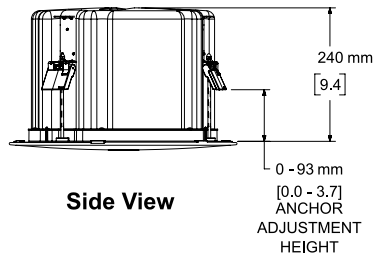
6. Frequency response shown using 40 Hz HPF 18 dB/octave and 99 Hz LPF 24 dB/octave.

TECHNICAL DATA

DesignMax DM8C-SUB

in-ceiling subwoofer

Dimensiones⁷



7. Dimensions are shown in millimeters over inches.

©2026 Transom Post OpCo LLC. All rights reserved. DesignMax, QuickHold, and SmartBass are trademarks of Transom Post OpCo LLC. Bose is a trademark of Bose Corporation. All other trademarks are the property of their respective owners.

For additional specifications and application information, please visit BoseProfessional.com. Specifications subject to change without notice. 04/2026